# An Amazing Light Show, p. 87

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COMMUNICATIONS & TECHNOLOGY MAY 2023

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• Building the DZ Kit SR-74, p. 58

> On the Cover: Organizers of the 3YØJ mega-DXpedition to Bouvet had big plans. Mother Nature had her own, allowing them only one tent and three multiband vertical antennas. Story on page 8.

# steppIR

# TESTIMONIAL



I have been using the Steppir 4 element Yagi with the 40/30 loop dipole and 6m passive elements options, for a number of years! What a joy it is to not only run 1:1 SWR on 40 through six meters, but to also to be able to reverse the antenna electrically and create another Yagi at 180 degrees opposite direction – in 2 seconds. The bi-directional mode adds an entirely new experience to my operations. But recently, I found out why having a SteppIR product is so important. My measure of quality customer service is not how the company acts when things are going well – it's how they respond when there are problems. Working with engineering manager Jeff Woehlert N7CID, and CEO John Mertel WA7IR was a pleasure – this team went to great lengths to get me back on the air when I recently had an issue. It was unbelievable to experience such genuine concern from the SteppIR team. At times I thought they were more driven to get me back up and running than I was! Jeff was emailing me constantly. John was always part of the conversation and as a result, my Yagi is now working like a charm! One word of caution I would give, is don't try a shortcut solutions with others, if you are having any issues with your product – go directly to SteppIR for your support and they will take care of you like they did me. In having a SteppIR Yagi I get the very best performance, and thankfully, also the best support - that really is a dream come true.





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## **CONTRIBUTING EDITORS**

Kent Britain, WA5VJB, Antennas Martin Butera, PT2ZDX / LU9EFO, At-Large Gerry L. Dexter, The Listening Post Joe Eisenberg, KØNEB, Kit-Building John Ferguson, K3PFW, Emergency Communications Trent Fleming, N4DTF, VHF Plus Tomas Hood, NW7US, Propagation John Kitchens, NS6X, Mobiling John Langridge, KB5NJD, MF/LF Operating Anthony Luscre, K8ZT, Ham Radio Explorer Irwin Math, WA2NDM, Math's Notes Joe Moell, KØOV, Homing In Steve Molo, KI4KWR, Awards Eric Nichols, KL7AJ, Analog Adventures Ron Ochu, KOØZ, Learning Curve Jeff Reinhardt, AA6JR, Magic in the Sky Scott Rought, KA8SMA, QRP Don Rotolo, N2IRZ, Digital Bob Schenck, N2OO, DX Tim Shoppa, N3QE, Contesting Jason Togyer, W3MCK, Spurious Signals Gordon West, WB6NOA, Short Circuits Wayne Yoshida, KH6WZ, The Ham Notebook

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### **PRODUCTION STAFF**

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# announcements

# MAY

CADILLAC, MICHIGAN — The Wexaukee Amateur Radio Club will hold the 63rd Annual Cadillac Amateur Radio and Computer Swap beginning 8 a.m., Saturday, May 6 at the Mackinaw Trail Middle School, 8401 S. Mackinaw Trail. Website: <www.wexaukee.org>. Talk-in 146.980. VE exams, card checking

CEDĂRBURG, WISCONSIN — The Ozaukee Radio Club will hold its 43rd Spring Indoor Swapfest from 8 a.m. to noon, Saturday, May 6 at the Ascension Columbia St. Mary's Center, W67N890 Washington Avenue. Contact Tom Trethewey, KC9ONY, Phone: (262) 421-6351. Email: <swapfest@ ozaukeeradioclub.org>. Website: <www.ozaukeeradioclub.org>. Talk-in 146.97- (PL 127.3).

GALES FERRY, CONNECTICUT — Southeastern CT Amateur Radio Society will hold its SECARS Auction from 9 a.m. until all items are sold, Saturday, May 6 at Our Lady of Lourdes Church Hall, 1650 CT Route 12. Contact Mark Noe, KE1IU, Phone: (860) 326-8025. Email: <KE1IUMark@gmail.com>. Website: <https://secars.org>. Talk-in 146.730 MHz, PL 156.7 Hz

SUPERIOR, WISCONSIN - THE A.R.A.C. Arrowhead Radio Amateurs Club will hold its ARAC Hamfest from 9:00 a.m. to 1:00 p.m., Saturday, May 6 at the Head of the Lakes Fairgrounds, 4700 Tower Ave. Contact Robert Schulz, KC0NFB, Phone: (218) 390-5000. Email: <ARAC\_HAMFEST@ CHARTER.NET>. Website: <www.THEARAC.org>. Talk-in 146.940 (-) 103.5. VE exams.

BOONSBORO, MARYLAND — The Antietam Radio Association will hold The Great Hagerstown Hamfest from 7:00 a.m. to 1:00 p.m., Saturday, May 6 at the Washington County Ag Ed Center 7313 Sharpsburg Pike, Route MD-65 South Boonsboro. Contact: Steve Struharik, WA8EIH, Phone: (240) 818-1248. Email: <struhariks@gmail.com>. Website: <http://W3CWC.org>. Talk-in 146.730- (PL 100). VE Exam and card checking.

BRISTOL, PENNSYLVANIA — The Warminster ARC will hold The Warminster ARC Hamfest, ARRL Eastern Pennsylvania Section Convention from 7:00 a.m. onward, Sunday, May 7 at the Bucks County Community College, Lower Bucks Campus, 1304 Veterans Highway (Route 413). Contact: George Brechmann, N3HBT, Phone: (215) 443-5656. Email: <WARMrcinfo@gmail.com>. Website: <http://www.k3dn.org>. Talk-in 147.090 131.8. VE Exam and card checking.

MOUNTAINVILLE, NEW YORK - The Orange County Amateur Radio Club will hold The Orange County Amateur Radio Club Hamfest from 8:00 a.m. to noon, Sunday, May 7 at the Black Rock Fish and Game Club, 5 Pleasant Hill Road. Contact: Mickey Favoino, K2NRS. Phone: (845) 562-7366. Email: <newbrghrsq@aol.com>. Website: <http://ocarcny.org>. Talk-in 448.325 (123).

SANDWICH, ILLINOIS — The Kishwaukee Amateur Radio Club will hold The DeKalb Hamfest from 8:00 a.m. to 1:00 p.m., Sunday, May 7 at the Sandwich Fairgrounds, 1401 Suydam Road. Contact: Bob Yurs, W9ICU, Phone: (815) 757-3219. Email: <w9icu@arrl.net>. Website: <www.karc-club.org>. Talk-in 146.730- (PL 100).

TOLEDO, OHIO — The Lucas County ARES will hold its Trunk Sale & Swap Meet from 9:00 a.m. to 1:30 p.m., Sunday, May 7 at the Toledo Speedway, 5639 Benore Road. Phone: (419) 370-2882. Email: <swap@lucasares.org>. Website: <http://www.swap.lucasares.org>. Talk-in 146.940- (PL 103.5).

PRESCOTT VALLEY, ARIZONA - The Yavapai Amateur Radio Club will hold the 2023 Prescott Hamfest from 8:00 a.m. to noon, Sunday, May 13 at the Granville Elementary School, 5250 Stover Drive. Contact: John Stover, KT7P, <hamfest@w7yrc.org>. Website: <www.prescotthamfest.org>. Card checking.

STANWOOD, WASHINGTON - The Stanwood-Camano Amateur Radio Club will hold the SCARC 30th Annual Electronic Flea Market & Hamfest from 9:00 a.m. to 1:00 p.m., Saturday, May 13 at the Stanwood Middle School, 9405 271<sup>st</sup> Street NW. Email: <scarchamfest@yahoo.com>. Website: <www.scarcwa.org>.

UNION GAP, WASHINGTON — The N7YRC Group will hold the N7YRC Tailgate Party on Saturday, May 20 at the Dept of Emergency Management, 2403 S. 18th Street. Contact: Rodney Rath, KC7VQR. Phone: (509) 952-6077. Email: <kc7vqr@arrl.net>. Website: <n7cfo.com>. Talk-in: 444.7500 repeater +5Mhz 131.8 pl.

XENIA, OHIO — The Dayton Amateur Radio Association will hold the Dayton Hamvention 2023 from 9:00 a.m. to 5:00 p.m., Friday, May 19; 9:00 a.m. to 5:00 p.m., Saturday, May 20; and 9:00 a.m. to 1:00 p.m., Sunday, May 21 at the Greene County Fair and Expo Center, 210 Fairground Road. Phone: (937) 276-6930. Email: <info@hamvention.org>. Website: <www.hamvention.org>. Talk-in 146.94- (PL 123). VE exams, card checking, special event station W8BI.

PINELLAS, FLORIDA — The Glorious Society of The Wormhole will hold WormFest 2023 from 7:00 a.m. onward, Saturday, May 27 at the Freedom Lake Park 9990 46th Street. Contact: Bill Williams, AG4QX. Email: <ag4qx@arrl.net>. Website: <a href="https://w4orm.org">https://w4orm.org</a>. Talk-in 146.850 - 146.2.

### June

DEN HELDER, NETHERLANDS - Dutch Navy Radio Amateur Club (MARAC) will hold the Museum Ship Weekend on Saturday, June 3 on the Abraham Crijnssen, moored off the Navy Museum at Hoofdgracht 3, 1781 AA. Contact: Willem Van Essen, PA3CNI. Email: <pa3cni@hotmail.com>. Website: <http://www.marac-radio.nl/>.

HILTON, NEW YORK - The Rochester Amateur Radio Association will hold the Rochester Hamfest 2023 on Saturday, June 3 at the Hilton Exempt Club137 South Ave. Contact: Tim Guyot, KB1POP. Email: <timguyot@gmail.com>. Phone: (585) 210-8910. Website: <https://rochesterham.org>.

HUDSONVILLE, MICHIGAN - The Independent Repeater Association will hold the IRA Hudsonville Hamfest from 8:00 a.m. to noon., Saturday, June 3 at Hudsonville Fairgrounds 5235 Park Ave. Contact: Tom Bosscher, K8TB. Email: <hamfest@w8ira.org>. Phone: (616) 209-9296. Website: <http://www.w8ira.org >. Free VE testing

MANASSAS PARK, VIRGINIA - The W4OVH Ole Virginia Hams will hold the W4OVH Ole Virginia Tailgate from 8:00 a.m. to 2:00 p.m. Saturday, June 3 at the Field Across from Signal Hill Park 9300 Signal View Dr. Contact Don Meyerhoff, WA2SWX. Email: <wa2swxdm@gmail.com>. Phone: (703) 597-3211. Website: <a href="https://w4ovh.net/tailgate/">https://w4ovh.net/tailgate/</a>. Talk-in: 146.970.

MANITOWOC, WISCONSIN - The USS Cobia Amateur Radio Club will be participating in the Museum Ships Afloat Week-end on Saturday June 3 and Sunday June 4 on the submarine USS Cobia SS-245, located in the docks next to 75 Maritime Dr. Contact: Anne Dirkman, KC9YL. Email: <kc9yl@arrl.net>. Website: <https://www.grz.com/db/NB9QV>.

# HamCation Reports Attendance of Nearly 22,000

Post-Covid hamfest attendance continues to rebound, with the Orlando HamCation reporting a 2023 attendance of 21,830, its third-largest number ever. This represents a 12% increase from the 2022 attendance of 19,500. Orlando is the second-largest hamfest in the U.S., behind only the Dayton Hamvention.<sup>®</sup>

# FreeDV Project Gets Major ARDC Grant

The FreeDV Project has received a grant of \$420,000 from ARDC, the Amateur Radio Digital Communications foundation, to further develop FreeDV and advance the state of the art in HF digital voice. According to the *ARRL Letter*, FreeDV is an open-source amateur radio technology that allows any SSB transceiver to be used for low bit-rate digital voice. The grant will fund ongoing work to improve speech quality and low signal-to-noise ratio operation; inclusion of FreeDV in some commercially manufactured transceivers and other development projects. More information on FreeDV is available at <www.freedv.org>; ARDC's website is <http://ardc.net>.

# Amateur Radio Included in FEMA Emergency Guide

The latest functional guidance document from the Federal Emergency Management Agency (FEMA) includes amateur radio as part of the web of public and private communication resources for emergency managers to turn to in an emergency or disaster. The *ARRL Letter* reports that the March 2023 version of the National Incident Management System Information and Communications Technology guide has an expanded Communicator role, a function that specifically includes amateur radio. The complete NIMS ICT guide is available as a PDF at <htps://tinyurl.com/bd233bd>.

# Amateur Radio Gets a Full Morning at National Hurricane Conference

The value of amateur radio in hurricane preparedness and response was on full display at this year's National Hurricane Conference, held in-person and over Zoom in early April. A full morning of the conference program was dedicated to various aspects of amateur radio activity, according to the ARRL. Specific presentations included the WX4NHC ham station at the National Hurricane Center, the Hurricane Watch Net, the VoIP Hurricane Net, an overview of SATERN (the Salvation Army Team Emergency Radio Network), and the importance of amateur radio surface reports to forecasters at the National Hurricane Center. The amateur radio presentations were livestreamed and were being recorded and posted to YouTube after the conference ended.

# Milestones: WD9HBA Named Chief of Air Force MARS

Air Force MARS (Military Auxiliary Radio System) has a new Chief, David Antry, Jr., WD9HBA. A ham since 1977 and a retired Air Force Master Sergeant, Antry has been an active MARS member for over a decade and most recently served as Operations Officer for the 51<sup>st</sup> Air Force MARS Communications Group, it was reported in the *ARRL Letter*. He also served as a logistics manager in the 635<sup>th</sup> Supply Chain Operations Wing War Reserve Materiel Program Integration Office. Antry will be based at Scott Air Force Base in Illinois. Additional information about Air Force MARS may be found at <www.mars.af.mil>.

# Milestones: Hamvention Leader Ron Cramer, KD8ENJ, SK

Past Dayton Hamvention<sup>®</sup> General Chairman Ron Cramer, KD8ENJ, became a Silent Key on March 11. Among other things, Cramer oversaw the Hamvention's move from Hara Arena to the Greene County Fairgrounds in Xenia, Ohio, in 2017. According to the *ARRL Letter*, Cramer was also a past president and current vice president of the Dayton Amateur Radio Association, which sponsors Hamvention.

# Two RIBs on a Boat ... For Two Years

Two hams from the U.S. have embarked on a two-year ocean voyage with two goals in mind: 1) Activate rare water-only grids in the Pacific Ocean (*CQ DX Field Award hunters take note! – ed.*) and 2) Field-test two remotely-operated "Radios in a Box" or RIBs. These are self-contained stations built to be set up in locations that are inhospitable for in-person DXpeditions and then to operate them remotely from a boat offshore. According to *Newsline*, George Wallner, AA7JV, and Michael Snow, KN4EEI, set sail from Costa Rica aboard George's yacht, the Magnet. They will be operating from various locations, using a mix of their own call signs and that of the Dateline DX Association, KH7Z/MM.

# Oklahoma Repeater Destroyed by Fire

A "controlled burn" that got out of control was apparently responsible for the destruction of the W5BLW repeater in southern Oklahoma. *Newsline* reports that the repeater was a critically important resource for SKYWARN, the Red Cross and other emergency communications groups. A spokesman for the Ardmore Amateur Radio Club, which owns the repeater, says it will be replaced but will take quite a while before it is fully back in service.

# The OMIK POTA Challenge

For the rest of this year, the OMIK Amateur Radio Association is encouraging its members to activate Parks on the Air (POTA) program sites with special significance to African American heritage. OMIK was founded 70 years ago by a group of Black radio amateurs from Ohio, Michigan, Indiana and Kentucky (thus the name) to help Black travelers with information on places where they could safely eat and stay overnight. Today, the group has a multi-racial and multi-cultural worldwide membership. According to the ARRL Letter, the OMIK POTA Challenge is an effort to promote the club as well as parks with connections to African American culture. Members are encouraged to sign up to use the club call sign, K0MIK, during POTA activations. The group hopes to have members make at least 750 contacts from various parks and historic sites between April 1 and December 31, 2023. For more information on OMIK, visit <a href="http://omikradio.org">http://omikradio.org</a>; POTA info may be found at <a href="https://parksontheair.com">https://parksontheair.com</a>.



An Amazing Light Show, p. 87 Provementation 

# ON THE COVER:

One operating/sleeping tent and three vertical antennas were all that the 3YØJ DXpedition team was able to erect in the wild weather of Bouvet Island, #2 on the DX most-wanted list. The team managed 19,000 QSOs amid massive pileups and QRM. The "inside story" of the adventure begins on page 8, followed by a "CQ Classic" on an earlier trip to Bouvet (p. 14) and a special story from the other end of the pileup (p. 18). (Cover photo by Mike Crownover, AB5EB)





# features

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FOCUS ON: Ham radio and the human connection ... Using radio equipment to keep in touch with other humans is the best part of DXing. From contests to emergency communications, people across the globe are brought together through the act of using ham radio. Even in countries embroiled in war, that simple feeling of being able to reach out using a radio and saying, "Hi. I'm here," can be as important to someone (page 18) as communicating with emergency services during a storm (page 40). New equipment to facilitate these conversations is also important, and is a constantly evolving field, such as on page 58 – what an exciting time to live in!

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SPURIOUS SIGNALS LOOKING AHEAD 112 HAM SHOP





# zero bias: a cq editorial

BY RICH MOSESON,\* W2VU

# The McIntosh Maximum?



Figure 1. Sunspot numbers so far in Cycle 25 are rising much more quickly and sharply than in Cycle 24, and are way ahead of the "official" prediction. The 10.7-centimeter radio flux readings (page 94) show an even more dramatic increase. (Source: NASA Space Weather Prediction Center)

Any hams who have been around for a few solar cycles, or who have studied ionospheric propagation, are familiar with the Maunder Minimum, a period between 1645 and 1715 during which there were virtually no sunspots and no evidence of solar cycles.<sup>1</sup> Of course, this didn't have much impact on the primary communication method of the day, which was written correspondence carried on horseback (plus the occasional carrier pigeon).

Today, of course, solar activity and its impact on our planet and ionosphere are much more important for everything from our electric grid to our ever-growing network of communication satellites. For hams, the solar cycle's impact on ionospheric propagation is of major interest, so it was not good news when the Solar Cycle 25 Prediction Panel (SC25PP), a NASA/NOAA co-chaired international group of space science experts, predicted in 2019 that Cycle 25 would be very similar to the just-concluded Cycle 24 – the weakest in most of our memories.<sup>2</sup>

There was one outlier among the pessimists – an international team led by Dr. Scott McIntosh of the National Center for Atmospheric Research in Boulder, Colorado. Dr. McIntosh and his fellow researchers developed a theory that there is a "terminator event" at



Figure 2. The rise in Cycle 25 seen in Figure 1 looks much more like the strong Cycles 21 and 22 of the 1980s and early '90s than the weaker and more recent Cycles 23 and 24. Dr. McIntosh predicts that the current cycle could even compare with the "once in a lifetime" conditions enjoyed in Cycle 19. (Source: The CQ Shortwave Propagation Handbook, 4<sup>th</sup> edition, p. 2-7)

the end of each 22-year solar cycle (the Sun's magnetic field flips during the start of each new 11-year cycle, but it takes roughly 22 years to return to the starting point), and that this terminator event says a lot about the magnitude of the coming cycle.

Their conclusion: "Our method predicts that SC25 *could* be among the strongest sunspot cycles ever observed ... and it is highly likely that it will certainly be stronger than present SC24 (sunspot number of 116) and most likely stronger than the previous SC23 (sunspot number of 180). This is in stark contrast to the consensus of the SC25PP, sunspot number maximum between 95 and 130, *i.e.*, similar to that of SC24."<sup>3</sup>

We are now roughly two-and-a-half years into Cycle 25 and all indications so far are that Dr. McIntosh's team is much closer to the mark than the "official" panel of experts. If you look at Figure 1 (borrowed from this month's Propagation column), you will see that

(Continued on page 61)

<sup>\*</sup>Email: <w2vu@cq-amateur-radio.com>

# **Discover a Better Way to Program Your Radio**

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# AccuWeather Predicts "Average" Atlantic Hurricane Season

he National Weather Service had not yet issued its official outlook for the 2023 Atlantic hurricane season as we went to press, but private forecasting service AccuWeather released its own forecast in late March.

AccuWeather's meteorologists are predicting a less active season than we've seen recently but one that is closer to the 30-year average of 14 named storms, 7 hurricanes and 3 major hurricanes (Category 3 or higher on the Saffir-Simpson scale). According to their forecast, we should expect 11-15 named storms, 4-8 of which will become hurricanes, 1-3 major hurricanes and two-to-four direct hits on the United States, including Puerto Rico and the U.S. Virgin Islands.

They noted that a major influence on the hurricane season will be whether the current "neutral" phase of the El Niño Southern Oscillation (ENSO) which has followed the end of a 3-year-long La Niña will remain neutral or whether a new El Niño will develop. According to AccuWeather, the long-term La Niña pattern was responsible for the very active seasons in 2020 and 2021, and that an emerging El Niño pattern tends to result in a quieter-than-normal hurricane season.

The forecasters say the U.S. areas at greatest risk for hurricane impact this year will be Florida and the Atlantic coast up through the Carolinas. They expect reduced risks for the western Gulf coast and the Northeast.

Hurricane season officially runs from June 1 through November 30, although recent years have seen hurricanes form "out of season." For more detailed information, visit <a href="https://tinyurl.com/2wp3mb4r">https://tinyurl.com/2wp3mb4r>.</a>

# **AccuWeather**

# 2023 Atlantic Storm Names

The World Meteorological Organization has designated the following names for Atlantic tropical systems in 2023:

Arlene	Harold	Ophelia
Bret	Idalia	Philippe
Cindy	Jose	Rina
Don	Katia	Sean
Emily	Lee	Tammy
Franklin	Margot	Vince
Gert	Nigel	Whitney
	-	-



# To Bouvet and Back – the Inside Story of 3YØJ

BY MIKE CROWNOVER, AB5EB

DXpeditions to the rarest of the rare, especially those to the sub-Antarctic, are dangerous and just plain hard to do. This month, Mike Crownover, AB5EB (with some additional photos from Adrian Ciuperca, KO8SCA) will take us along for the ride aboard Marama to one of the most remote islands on earth, Bouvet. The 3YOJ DXpedition is over now, and it was quite a roller coaster ride for the team, as well as for us DX chasers. I hope that Mike's story will give us all a little more insight into how scary and dangerous these DXpeditions can be. This team deserves our deep appreciation for going above and beyond in order to activate the #2 rarest DX entity in the world for us all. It was not easy. Bouvet has again proved to be a daunting challenge. This team would not give up when seemingly unsurmountable challenges presented themselves. A special THANKS to the entire team and the crew of Marama. Also, thanks to Mike and Adrian for helping to put together this article on short notice! – Bob, N2OO

Somewhere in the South Atlantic, two or three days' sail northeast of the South Sandwich Islands, the Marama (Photo A) was making her way towards Bouvet. Already 10 days into the voyage, the crew of 3YØJ was eager to arrive. The South Atlantic had decided to speed things up ... we had a strong 40-knot wind and well-spaced 20-foot

waves from our starboard side. The captain had reefed the Genoa sail considerably to keep our speed to about 12 to 16 knots. The Marama was very heavy with all of our gear and the captain did not want to push her too much. Pete Meyer, NØFW, and I were at the helm with the captain keeping tabs on our direction and the radar. It was only a few days earlier that we had seen icebergs, prompting us to take a more northerly route (Photo B). There was plenty to consider as we approached Bouvet.



Photo A. The 3Y0J team and Marama crew are ready in the Falkland Islands for the trip to Bouvet Island. (Photos courtesy of the 3Y0J team, except as noted)

\* Email: <n2oo@comcast.net>

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\$3,025

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Pete and I were about halfway into our 90-minute shift at the helm and evening was approaching when things started to get exciting. Pete was at the wheel and I sat just behind him facing the port side watching the waves as the Marama went up the side of one wave and back down. On the crests, we could see the sea of waves, with an occasional "large wave." We began to climb the side of another wave when, at about the time I thought we should just about be at the top, I heard Pete yell, "hold on!" I think he may have actually said a few other words as well, but we will keep this family-friendly. I looked to the starboard side to see that we were nowhere near the top of the wave we had been climbing. As the Marama heeled more to port, I put my foot on the port side support post of the canopy, and the Marama started her slide back to the



Photo B. The first sighting of an iceberg in the Southern Atlantic Ocean created excitement for everyone on Marama.



Photo C. The 3YØJ camping site on Bouvet Island as seen from Marama before landing. (AB5EB photo)



Photo D. Scouting team in a Zodiac heading towards the shores of Bouvet Island

base of the large wave. She slammed into the water at the bottom, throwing a large amount of water on Pete and me. Although it felt as if she was ready to capsize, once at the bottom of the wave she quickly righted herself, in the process turning 90 degrees starboard. The captain quickly reassured us to turn hard back to our course. It was a rough minute or so, but Pete and I were both able to turn the rudder, getting us back on course. At the end of our shift, we were greeted by wide-eyed 3YØJ members wondering what happened. It was a question that would be asked many times more as we took on the challenge of Bouvet. Mother Nature, as expected, had much more in store for us.

Three or four days later, we arrived at Bouvet towards the evening. Despite our excitement, we could barely make out the island through the fog and evening light. The Marama anchored on the southeast corner near Bouvet, in calm seas. We slept well that evening. Expecting a possible weather window around noon the next day, we were eager to get up the next morning to see Bouvet in the daylight (Photo C). The weather window was earlier than expected and we were ready to make our initial landing to secure the route up to Cape Fie as well as prepare the beach for landing (Photo D).

Peter (our guide); Ken Opskar, LA7GIA; Dave Jorgensen, WD5COV, and I were the first to land on the island. Peter and Ken went first with climbing equipment and their emergency bags. Dave and I followed next. We had been planning our approach to Cape Fie with a satellite image that was five years old. Our research had yielded no new information on the location such as the makeup of the beach or if Cape Fie was gravel, broken rock, or solid rock. With a blurry satellite picture, we had to make the best plans we could and ultimately knew we had to plan for the unknown, as we did not know what we would find when we arrived, nor did anyone else.

Shortly after the four of us had landed on the island, Ken and Peter had already secured the route up the glacier. The glacier had drastically changed in the past five years and it was now only 8 feet tall along the west end of the beach (Photo E). We had been able to quickly walk up the side of



Photo E. Bouvet's shores are mostly made up of inaccessible vertical blocks of ice and snow.



Photo F. Team members arrive on Bouvet Island using a rope system and swimming in survival suits.

the glacier that was covered in about a foot of blown snow, so we never had to walk on glacier ice and we walked only a foot or so from the exposed hill that sloped under the glacier. It was an easy walk up. We quickly found suitable locations for our camp and antennas. However, after 20 minutes on the island, as we were waiting for the next Zodiac to bring our initial supplies, the sea conditions changed. Although efforts were made, it soon became clear that we would have to spend our first night on Bouvet, with only what we had brought along with us. Fortunately we had extra clothes, food, water, and several emergency heated blankets with us. However it still made for a very long night. It would be another four days before we could leave Bouvet, although we were able to be supplied by the Marama the next day. As Peter had told us, landing on Bouvet wouldn't be much of an issue. The challenge would be getting off.

It was clear that the plan to activate the island was going to need drastic



Photo G. Arctic Lavvo, the Norwegian-made tent, held well even during the strong Bouvet storms.



Photo H. A view of the 3YØJ camp site with the frozen glacier to the left and the Atlantic Ocean to the right.



Photo I. Meal time: Add hot water to the MRE (Meal Readyto-Eat) and you get a tasty warm meal!



Photo J. Our tent on Bouvet Island kept us warm but was certainly not a luxury dwelling.

(Continued on page 75)

# CQ CLASSIC

# What Goes Around Comes Around...

Since this month's DX column features the 3Y0J DXpedition to Bouvet, we thought it might be instructive to look back at an earlier expedition to the same chunk of rock in the South Atlantic Ocean, the 3Y5X operation in December 1989 and January 1990. If you change the dates and the call sign, VP2ML's April 1990 commentary could apply equally well today. Technology has changed greatly in the past three decades, but Mother Nature and human nature have not. When it comes to Bouvet, it seems, the more things change, the more they stay the same.



# BY CHOD HARRIS, VP2ML

# DX

# NEWS OF COMMUNICATION AROUND THE WORLD

# Bouvet

he 3Y5X Bouvet operation by Club Bouvet is over, thank goodness. The team arrived at Bouvet on schedule on Christmas day, but was unable to land on Bouvet for several days, as high winds and waves eliminated a boat landing and heavy fog grounded the helicopter. The operators finally set up their first station on December 28. What followed was one of the sorriest stories of DX.

The 3Y5X signal on 14145 kHz was strong, as the team enjoyed some of the best propagation they would get for the next two weeks. The pile-up grew quickly, and very soon matters got completely out of hand.

A major operation from an extremely rare country brings everyone out of the woodwork—experienced DXers and newcomers; operators highly proficient in split-frequency operation and DXers who don't know on which VFO they are transmitting; well-meaning, self-appointed DX "policemen"; and dozens of the most ill-spirited individuals (I won't call them DXers) this writer has heard in 20 years of radio.

One can forgive the occasional, inadvertent transmission on 14145 kHz. In the excitement of an all-time new one, some DXers aren't sufficiently careful to completely eliminate transmitting on the wrong VFO. One might think that the added incentive of avoiding a "pink ticket" from the FCC would reduce the chances of a DXer accidentally trans-



The next time you call "CQ DX 20" don't be surprised when you work this gas station spotted by Woody Miner, K9EF/8R1K, three miles outside of St. Croix Falls, Wisconsin

mitting out of band, but the opposite seemed to be true. If a strong-stomached FCC engineer monitored 14145 kHz, he could have identified hundreds of violations.

Also, one can almost forgive the "policemen," even though their actions are illegal, have no value, and disrupt the DXpedition. At least the policemen yelling "wrong VFO" or "listening up" meant well. These operators were obviously neither experienced nor clear-thinking, as they caused far more interference than they prevented, and were deliberately violating the terms of their license. Even though it makes me grit my teeth and want to throw my shoe, I can stand a small dose of DX policemen.

But what occurred on 14145 kHz (and to a lesser extent on 14022 kHz) was the worst mess this DXer has ever heard. The deliberate jamming, catcalls, tape recordings, false identifications, name calling, and flat-out gross obscenities forced this DXer to turn off his radio after only a few minutes. Fortunately I was using headphones, so the secretaries in the office weren't offended by the mess. (One of the few benefits of being a DX newsletter editor is I get to have a radio in my office.)

I received dozens of complaints about the horrible mess on the 3Y5X frequency, all demanding I do something about it. But what can a DXer do? Certainly not get on the air and tell the jammers to stop. That's exactly what they want the DX community to do notice them. Besides, that would only add to the problem. I can preach (as I did just three months ago) that DX policemen not only don't help, they add to the problem, but then I am appealing to the jammers' intelligence and good nature, two qualities the jammers clearly do not have.

So what does the well-meaning, thoughtful (that eliminates the DX policemen) DXer do about the situation? There are several possibilities.

First, we can give up DX all together and take up some less frustrating activity such as collecting stamps. But this is difficult for most DXers. I gave up DX several times during the first few days of the 3Y5X operation, swearing that if this is what DX had come to, I wanted no part of it. A few hours later I was back at the rig. The DX bug bites hard.

Second, we can breathe a sigh of relief that the operation is over, and hope that the situation doesn't arise again. Such wishful thinking ranks in probability with having an Albanian station answer your "CQ DX." With Southern Sudan, South Sandwich, South Georgia, Malpelo, United Arab Emirates, maybe Bhutan, and yes, even Albania coming on the air in the next year, we can only look forward to more of the same.

Third, we can convince the FCC that this is the most pressing problem their enforcers face and enlist the resources of their sophisticated signal-tracing abilities to identify, arrest, and prosecute these violators. However, even if the amateur community could convince the FCC that DX jammers are the most serious problem in telecommunications, we would lose the respect of the commissioners of the FCC and the telecommunications world at large. No, asking for help from the FCC is not the answer.

The only thing we as DXers can do may be the most difficult choice of all: ignore the jammers. If these misguided individuals (I can't even bring myself to call them amateurs) have any reason for what they do, it is to attract attention to their antics. If the DX community can



You don't need a great location, high power, and big antennas to work DX. Chuck Joseph, N5JED, runs barefoot into a 54 inch long MFJ portable antenna inside his home. Despite the minimal station, Chuck has logged 134 DXCC countries on all continents and even has a VP2ML OSL card on his wall.

deny them this small satisfaction, eventually they will tire of their meaningless game and return to whatever activity they pursue between major DXpeditions, such as torturing children or drowning kittens.

For this tactic to be successful, both sides of the pile-up must cooperate. Not only must the DXer resist the nearly overwhelming urge to tell off the jammers (thereby adding to the problem), but the DXpedition operator must also do his or her part. The DXpedition operator can announce a new transmitting frequency while the jammer is transmitting, or simply slip away, and let the experienced DXers hunt him down. If this is unacceptable to the DXpedition operator, he or she can simply fake it. If the DXpeditioner even appears to be unaffected by the jamming, the jammer will soon give up. Or the DXpeditioner can use the trick we used to employ on 75 meter traffic nets: transmit on two frequencies at the same time.

Whatever approach the DXpeditioner wishes to use, the intent should be the same: to convince the jammer that the jamming is ineffective, without ever acknowledging that the jammer is even there.

Does the DX community have the discipline to make this work? Why not try it, at least. It can't be less successful than the futile attempts to chase the jammers off the 3Y5X's transmit frequency.

# Working Split

The Bouvet operators made most of their contacts with wide frequency splits, listening as much as 150 kHz from their

transmitting frequency. Monitoring the other end of the pile-up showed that many (most?) DXers don't know how to successfully operate split frequency.

The first requirement is to have some means of listening to your own transmitting frequency. While the new breed of transceivers features two complete receivers so that you can listen to both the DX station and your own transmitting frequency simultaneously, you don't need to remortgage your home nor sell your children into slavery to have this capacity. Any rig with "two VFOs" provides the ability to switch back and forth quickly between two receive frequencies. You don't even need to have a separate VFO. All you really require is an inexpensive additional receiver. Wire the receiver to mute when your rig is transmitting, and use it to monitor the DX station's transmit frequency. Then you can use the transceiver's receiver to listen to your transmitting frequency.

The second step in snagging a splitfrequency contact is to determine exactly where the DX station is listening. Employ the most useful DX tool in your shack— your ears. Flip back and forth between the DX station's announced listening frequencies and his transmit frequency. Eventually you will hear both sides of a QSO. Then, and only then, do you transmit on the exact frequency of the previous VFO, waiting of course for the last QSO to finish.

If your timing is good and you are proficient at this skill and locate the DXpeditioner's listening frequency before everyone else does, you can put a new one in the log.

If you miss or are simply not loud enough to compete with the other DXers who can locate the listening frequency as fast as you can, go back to listening. Almost every DXpeditioner has a pattern of shifting frequency. Eric, SM0AGD, switches through announced discrete frequencies on SSB. Whenever enough DXers found his listening frequency to make contact impossible, Eric punched into another memory button and started listening 20 kHz away. One of the 3Y5X operators was consistently moving 1.8 kHz up the band when the pileup became too large. The intelligent DXer could locate the current listening frequency and transmit 1.8 kHz higher. Eventually the DXpeditioner would shift up and find this DXer waiting for him.

From the sounds of the 3Y5X pileups, relatively few DXers were using this technique. Even the ones who were transmitting on the correct VFO were usually calling "blind" somewhere in the



The organizers of the highly successful 3Y5X Bouvet operation are (from left to right) Einar, LA1EE, Erling, LA6VM, and Kaare, LA2GV. Erling was unable to get enough time off from work to travel to Bouvet, but he's in the thick of the action as head of the QSL team.

announced listening range. Many of these DXers must have been extremely frustrated with the 3Y5X operators, many of whom listened far away from their announced listening frequencies. For example, the operator would announce "listening 14200-220," and actually be listening on 14348 kHz.

"Foul play," you cry. "Unethical DX behavior. The DXpeditioner is actually lying about where he is listening." Some of the locals were most upset about this deceptive trick. But the technique did allow the DXpeditioner to work DXers at a fine rate. And it rewarded the DXer who tuned around the band to find the real listening frequency. In other words, the 3Y5X was separating the experienced DXer from the more casual operator. The latter group was upset, but perhaps by the time the next major DXpedition comes on the air, they will have honed their DX listening skills and be among the successful DXers who catch the DXpeditioner 130 kHz away from his announced listening frequency.

# **DX News**

The Saturday Evening Post Society's planned Bouvet/South Sandwich/South Georgia operation was scrubbed in late December. Mike Koss, the leader of the DXpedition, was unable to locate a suitable ship and experienced crew for the lengthy trip. He hasn't given up, however, and may be able to reorganize the operation to activate another rare Antarctic spot.

The good news on the Antarctic front is that Tony DeParto, WA4JQS, is moving ahead with his plans to operate from both South Sandwich and South Georgia November 15 to December 15. The trip will cost more than \$100,000, and DXers who want to help make this one a reality should send their donations to AA6BB.

Another very rare country may be coming on the air about the time this issue arrives in your hands. John Fung-Loy, PA3CXC, has negotiated with Sudan officials to stage a major DXpedition in Southern Sudan ST0. South Sudan ranked 19th on The DX Magazine's 1989 Most Wanted Countries list, with more than half of all survey respondents indicating that they needed ST0. John is planning a two-week operation around the end of March using the callsigns 6U0DX and 6U0CW. Again, the success of this DXpedition depends on the generosity of amateur radio manufacturers, DX foundations, and individual amateurs. Send your donations to John at Strausslaan 4, 2551 NM s'Gravenhage, The Netherlands, Europe.

# DX Activities and Events of the Month

April is a busy month for DXers. The month kicks off with the International DX Convention in Visalia, California, which

starts with a Friday evening cocktail party hosted by yours truly. I hope to see many of you there.

Then on April 21 the Cornish Radio Amateur Club of England sponsors International Marconi Day in celebration of Guglielmo Marconi's birthday. (Marconi is the inventor of wireless communications.) Among the specialevent stations that will be active that day are GB2IMD, GB4IMD, GBØIMD, El2IMD, K1VV/IMD, DAØIMD, IY1TTM, IYØTCI, IY4FGM, VO1IMD, VE1IMD, and ZS6RSA. You can qualify for an award by working ten of these station on April 21. Send your log data to CRAC, P.O.Box 100, Truro TX1 1RX, Cornwall, United Kingdom.

April finishes with *the* DX event of the year: the Dayton Hamvention, where more DXers from around the world gather in one place than at any other event. The Hamvention weekend starts early for DXers with an informal gathering in the bar at the top of the Dayton Stouffers hotel Thursday night. The main DX event on Friday is the Annual DX Dinner, also at Stouffers. Sponsored by the Southwest Ohio DX Association, this event is in its fifth year, and it gets better every year. Advance reservations are required, so send your \$23 to Scott Lehman, N9AG, P.O. Box 803, Greenville, OH 45531 with an SASE for the return of your ticket. After the banquet the DXers congregate in the many DX hospitality rooms in the same hotel. The Southeastern DX Club and the Kansas City DX Club always have great gatherings, with videos, contests, prizes, and the inevitable lies about how you worked 3Y5X on the first call with 1 watt into a bent coat hanger, etc. On Saturday the DX Forum in Room 1 at the Hara Arena always draws a good crowd. Saturday evening those DXers who can still stand again hit the hospitality rooms at Stouffers. And anyone at the Arena should stop by and say hello. I'll be at the CQ booth or at my own The DX Bulletin booth. See you in Dayton.

# **QSL** Notes

QSL the St. Kitts operations in 1989 as follows: V47K and V47KS via WB2P; V47KO via K3NZ; V47KH via K3IPK; V47QQ via W9QQ; V47KR via K2DOX. QSL PJ4U via K3IPK.

DK9FN, QSL manager for 8Q7CQ, reports that 1200 cards have been sent out direct, and the rest of the cards answered via the bureau.

Dick, K4UTE, handles the cards for the *CQ* WW 1989 SSB operation of HSØE, as well as the Oct. 27,1989 QSOs.



Bouvet wasn 't the only very rare country on the air at the end of 1989. Mr. Inh Siphachanh, on the left, is the licensee of XW8KPL in Vientiane, Laos. Yoshi Hayashi, JA1UT, on the right, was instrumental in setting up the XW8KPL station. (Photo by Mobile Ham Magazine of Japan.)



6DZU (left) and F9RM, both top WPXers, going through QSLs looking for that new one.

Juan Galvezc, CEØOGZ, has a new QSL address: P.O. Box 4178, Valpariso, Chile.

Veikko Komppa, OH5VD, handles cards for his own operations as FRØVD 1989, VK9YD 1987, and VK9YD/VK9 1987/1988. His address is Paaskynkula 7, SF-03100 Nummela, Finland.

Mauri Lehtosaari, OH4ML, has returned to Finland after his 30,000-plus QSO tour of the Pacific. QSL his OH4MU H44, 5W1ML, A35ML, and 3D2ML operations to his home call: P.O. Box 13, 19601, Hartola. Include the callsign worked and mode on the outside of the envelope to speed processing.

Roland Halmann, DJ4LK, can confirm his 1977-1980 ZS3LK operations from possible new DXCC country Walvis Bay.

Eric Sjolund, SMØAGD, will QSL his recent African operations by his home address: Ormbersvgen 17, S-19300 Sigtuna, Sweden. He does not collect cards, so you don't need to waste a fancy QSL to get his in return. Simply send him your QSO data in QSL card format, with your call clearly indicated in large letters, along with your SAE and IRCs or SASE.

The TU4B and TU4DT operations from November can be confirmed via Arlen Turriff, K6VNX, 8819 East Callita St., San Gabriel, CA 91775.

The LOSE operation can be confirmed by Marcelo Avila, LU5EIC, P.O. Box 41, 1655 Jose Leon Suarez, BA, Argentina.

The CT500- operations can be confirmed via P.O. Box 2483, Lisbon 1112, Portugal.

Keith Hoyt, K6GXO, who operated as J6LRV, reports that his mail box has been blown up, literally. Thus, mail will get to him faster via his new address: P.O. Box 901846, Palmdale, CA 93590.

QSL AI, ZF2LY, via Page Pyne, WA3EOP, 109 S. Artizan St., Williamsport, PA 21795 with SASE or SAE and one or two IRCs.

Duane Heise, AA6EE, will confirm his XE2GCK and XE2/AA6EE cards direct: 16832 Whirlwind, Ramona, CA 92065.

JE1JKL handles cards for NH6J/ KH0, NH6J/NH8, NH6J/NHØ, KC6CS, 9M6NA, 5Z4CS, 5Y4CS, 5W1EZ, JE1JKL/9M6, SM3/JE1JKL, XE2VJO, JY9SY, and the Oct. 1979 operation of KC6SZ.

DLØMAR and other — MAR calls from the Medical Assistance Radio team can be confirmed via DL8XAR.

KC3EK reports that he can no longer confirm contacts with 8P6RE, HK1AMW, 6Y5HN, and 6Y6A. Try direct.

QSL VP2VE and VP2V/NP2CG via Howard Messing, WA2NHA, 90 Nellis Drive, Wayne, NJ 07470.

Eric Scace, K3NA, can handle OHØMM cards for his May 1988 and August-September 1988 operations only, and not for the CQ WW CW operation. Cards for the latter operation should be sent to OH2MM. Eric is forwarding missent OHØMM cards, so you don't need to resend cards.

Veka Nurminen, OH2VB, made about 15,000 contacts in his Pacific trip with OH2BGD. QSL 3D2VB, A35VB, 5W1VB, and ZK2VB via OH3GZ.

The South African Radio League has a new QSL bureau address: P.O. Box 807, Houghton 2041, Republic of South Africa.

Baldur, DJ6SI, confirms that he will not respond to cards sent via the DARC bureau. He says he will confirm cards sent with a self-addressed, stamped envelope with German postage, or SAE and US \$1.00.

Brett Graham, VS6BG/XX9TDM, and ex-VS6UP QSLs with the aid of a computer and will confirm all QSLs with a station at one time. Once the cards have been sent, he does not send duplicate cards. QSL direct only to P.O. Box 12727, Hong Kong. He reminds DXers that cards sent to Hong Kong stations who have moved away, or cards sent via the bu reau to temporary Macau XX9 stations will not be delivered. The only XX9 callsigns that can be confirmed via the bureau are AN, JN, KA, MD, YN, CT, DX, and TDM.

QSL ZF2BB, ZF2HM, and ZF2KE via K9QVB.



A noted DXer and DXpeditioner from Ukraine, now a refugee in Finland along with his family, makes a very special first contact with his new Finnish call sign.

# "A Little Bit of Joy" – An Important Step Forward in My Ham Radio Life

# BY ALEX YAKOVLEV,\* UT5UY/OH5UY

became interested in amateur radio when I was ten years old, back in 1983 in my native city of Kharkiv, Ukraine. Like many others, I started my journey as an SWL. Then, when it became clear that this hobby began to fascinate me more and more, my father brought me to the club station UB4LWB (UR4LWB after the ITU assigned Ukraine its own call sign block following the collapse of the Soviet Union in 1989) of the Regional Station of Young Technicians (Photo A). My first mentor was a great man, retired Colonel Victor Yarosh, RB5LA (later UT3LA, now SK).

It is important to note that I was born into a family of circus artists. Not just artists, but a well-known circus dynasty. Therefore, since my childhood, I have traveled a lot, accompanying my relatives on tours. This thirst for travel affected my main interest in ham radio – DXing. In 1989, I got my first personal callsign, UB4LUG (later UR4LUG). In 2004, I moved to Kyiv for work and got a new callsign, UT5UY, which I continue to hold. My salary was rising and I wanted to be on the other side of the pileup. I organized my first IOTA DXpedition as C93DY on Chiloane Island, Mozambique, a new IOTA activation, AF-098 (Photo B). That was a great expedition with an amazing team of like-minded people (Photo C). Nearly 20 years have passed since that DXpedition. AF-098 is again in the IOTA most wanted list. However, during these 20 years, no one has been able to activate Chiloane Island again, although I know for sure that there were those who wanted to.

My path in radio includes many stories from my subsequent DXpeditions, but it would be a long story and I will save it for my retirement! There is one event I would like to mention: In 2016, I got my DXCC Honor Roll #1 (Photo D). I'm especially glad that this happened before the era of digital modes and web receivers.

# Now ... About Current Times

In 2014, Russia launched a war against sovereign Ukraine, occupying Crimea and part of Donbass. On February 24, 2022, Russia started a full-scale war against Ukraine. Hundreds of thousands of dead and millions of Ukrainian refugees around the world resulted in a global crisis.

I have heartfelt gratitude to Finland and the kind Finnish people for providing protection for my family. Our life as war refugees has been quite eventful here in Finland. My son studies at a Finnish school, my wife and I attend integration courses where we learn Finnish, study Finnish law and culture, and do volunteer work for Ukraine.

Of course, ham radio is still a very important part of my life. That is why, even for a temporary stay in Finland, I managed



Photo A. A young Alex at the UB4LWB club station in Kharkiv, Ukraine, in 1988. Standing (I to r): Victor Yarosh, RB5LA (Alex's mentor, now SK) and Vlad, UB4LUF; seated in the center with headphones: Alex, UB4LUG (now UT5UY/ OH5UY); seated in the front (I to r): Vadim, RB5LMV; Oleg, RB5LAV, and Tolia, SWL (later UR7LW). (Photos A-E courtesy of the author)

to activate all Finnish DXCC entities: OH/OHØ/OJØ/UT5UY. For this, I am sincerely grateful to my Finnish friends: Martti Laine, OH2BH, Pasi Vesterinen, OH2MZB, Timo Rinne, OH5LLR, Pekka Holstila, OH2TA, Miika Heikinheimo, OH2BAD, Henri Olander, OH3JR, and Jarmo Saarijärvi, OH9EGH. All my activities were held under the slogan: Never Give Up, NGU!

According to Finnish law, I could use my OH/UT5UY callsign for only the first six months. Then I needed to get a regular Finnish callsign. In between integration courses, I began to prepare for the exam for obtaining a Finnish amateur radio license. I passed the exam successfully in January 2023. My examiner was the legendary Jukka Heikinheimo, OH2BR. Luckily, the callsign OH5UY was available, and I was able to get it as a vanity callsign.

On February 10th, I "unboxed" my brand new OH5UY callsign. With whom to make the very first QSO? With 3YØJ, Bouvet Island, #2 DXCC most wanted, of course (Photo E)! Many thanks to Martti Laine, OH2BH, and the brave 3YØJteam (operator Mike Crownover, AB5EB) for making my dream come true, with a second call, under very weak signals from Bouvet (*see Mike's report on the DXpedition in this issue's DX column – ed.*). Indeed, Martti's stacked

<sup>\*</sup> E-mail: <ut5uy@ukr.net>



Photo B. The C93DY team activating a new IOTA counter AF-098, Chiloane Island, Mozambique, in 2005. Standing (I to r): Alex, UT5UY; Boris Samartsev, UT7UT; Andy Chucha, OK8ANM; Alex Pavlenko, UXØLL; Andy Kotovsky, UU4JMG. Sitting (I to r): Serge, C91EL; Max Oskoma, UR7HTZ; Dima Stashuk, UT5UGR, and Roman Tkachenko, URØMC.



Photo C. Alex, UT5UY, making the first QSO from IOTA AF-098, Chiloane Island, Mozambique, as C93DY in 2005.



Photo D. Alex, UT5UY's DXCC HR#1 plaque, 2016, Kyiv, Ukraine.



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beams were a great help. Afterward, I was able to reach out to Mike to thank him for his efforts and he had this to say in response:

Alex,

It was a real pleasure to get you in the log. Of course, I did not know your new call but how exciting that your first QSO was with 3YØJ! The pileups were intense and it was very difficult to get stations in the log. Having to call you multiple times was just part of the 3YØJ experience that was unique for me. It was frustrating to have to call stations over and over and many times I would just have to move on to the next station. To have the stations stick with the QSO and finally come through in the sea of calling stations was always rewarding. With the challenges that you and your family have endured over the past year, I am glad 3YØJ could bring you a little bit of joy.

73, Mike AB5EB/3YØJ

# But Wait! There's More!

Today, February 12th, as I write this story, a wonderful sequel has appeared. I have come to visit my friend Pasi Vesterinen, OH2MZB. From his shack, I made a second QSO as OH5UY. It was with Thierry Mazel, FT8WW, on the Crozet Islands, #3 on the DXCC most wanted list! So #2 and #3 from the DXCC most wanted list are already in my log. Is P5 next?

Unfortunately, when I left Pasi at 7:00 p.m., he still had not made a QSO with 3YØJ. This is an ATNO (All-Time New One) for him. I felt how much he was suffering about it. I returned home and saw in the cluster that Bouvet had appeared on 15-meter CW and was barely audible. The fact that this was the genuine 3YØJ was confirmed by a message from the expedition pilot, Steve Hass, N2AJ. I forwarded this information to Pasi immediately. Just at the same moment, it was announced that the 3YØJ DXpedition was going QRT the next day. Pasi saw this announcement and was very



Photo E. Alex's first QSO as OH5UY, contacting 3YØJ on February 10, 2023, from OH2BH's superstation in Finland.

# So, it is quite logical to end my story with my favorite slogan: "Never Give Up!"

upset after having tried to hear 3YØJ for several days and ultimately turned off the equipment. But after my message, he returned to the shack. MAGIC had happened! Pasi got lucky – 3YØJ is in his log! So, it is quite logical to end my story with my favorite slogan: "Never Give Up!"

73, Alex OH5UY/UT5UY Where do we go next...

# A Little Bit About AB5EB

Mike Crownover, AB5EB, is a veteran IOTA expeditioner and an emergency room physician. Even though he was not a member of the 3YØJ leadership, he turned out to be the unknown hero of 3YØJ's 18,623 QSOs, as well as of the well-being of the group (Photos F and G). It is wellknown that doctors by their very nature not only look after themselves but for also after the others around them, in this case the 3YØJ team. – OH5UY/UT5UY



Photo F. Mike Crownover, AB5EB, on the air from 3YØJ. (KO8SCA photo)



Photo G. The last four 3YØJ operators to leave Bouvet. From left: Otis Vicens, NP4G; Mike Crownover, AB5EB; Gjermund Bringsvor, LB5GI, and Adrian Ciuperca, KO8SCA. (NP4G photo)





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# CW Results of the 2022 CQ World Wide DX Contest

# The CQ WW Contest Continues to be Phenomenal!

"It still amazes me what fun you can have with just a piece of wire"-M6W (G3WW)

# **BY JOHN DORR,\* K1AR**

he U.S. Department of Commerce reports that in 1948, the average cost of a house in the United States was \$7,700. Gasoline averaged about 16 cents per gallon. A loaf of bread cost 14 cents. And you were a well-paid employee if you were making \$2950 per year. It turns out that on November 5-7,1948, the first CQ WW CW contest also took place (ironically, now the scheduled weekend for the ARRL CW Sweepstakes contest). Like the price of bread, inflation has impacted the WW. In its first year, approximately 550 CW logs were received with the winning entry coming from GI6TK, who posted a final score of 452K (817 QSOs/31 Zones/66 countries). It is indeed amazing to examine our CQ WW roots in what most will agree is amateur radio's premier operating event.

Needless to say, today's CQ WW contest continues to fill the bands. And, with Cycle 25 well underway, that's especially the case on the high bands, including the favorite choice of many, ten meters! What a treat it was to return to the land of 28 MHz and hear signals filling the entire band from one end to the other.

Although the number of submitted logs was slightly down from last year, I'm pleased to report that we still received 7700 logs, representing 4.6M QSOs. The overall accuracy of your log submissions continues to hold steady with a median average error rate of about 2.7% resulting in reductions averaging about 8.8% after penalties. Yes, there's always room for improvement.

One area of the contest that I especially enjoy reviewing is the soapbox comments that many of you include with logs. You can see them for yourself at: <a href="https://cqww.com/soapboxcw.htm?yr=2022">https://cqww.com/soapboxcw.htm?yr=2022</a>>. Here's just a small sample of what you'll find:

"Didn't have the time, but, even 5 minutes of CQWW CW is worth it! Till the next year." – EA1PJ.

"This is my 1st CW try. Thank you." – JK3OTH.

*"I even had a decent run on 15 Saturday morning. Who says an indoor mag loop doesn't work?" – KV80* 

Let's get on with the results!

# Another Year of Incredible CQ WW Contest Operating!

Producing a final score that makes the leader table in the CQ WW contest results is a tremendous achievement

\*Email: <cqk1ar@gmail.com>



This is BD3TE operating from one of the three sites used in their BY3CQ Explorer multi-op effort in the 2022 CQ WW CW Contest.



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regardless of operating category. As we experienced in the 2022 contest, some of those scores simply boggle the mind. The World Single Op battle was won again by Juan, EA8RM, with a 14.6M point final result, beating out Andy, N2NT, who came in second at 13.3M. Losing by only 1.3M, however, from a "2-point" country is a significant achievement, nevertheless.

The U.S. Single Operator, All-Band results are perhaps the highlight of the 2022 contest. Kevin, N5DX, operating remotely from the N2QV superstation produced an incredible final score of 11.6M, racking in nearly 5900 QSOs, shattering the 8-year-old record of K3CR (operated by LZ4AX) by over 1 million points. Kevin averaged 123 QSOs/hour for the entire 48 hours of the contest, operating in every one

# 2022 CQWW DX CW PLAQUE WINNERS AND DONORS

SINGLE OPERATOR, ALL BANDS

World Juan Hidalgo, EA8RM Donor: Vibroplex

World - Low Power V26K (Opr.: Bud Trench, AA3B) Donor: Slovenia Contest Club

World - QRP PZ5CO (Opr.: Dimitry Kryukov, RA3CO) Donor: Bob Evans, K5WA

World - Assisted P44W (Opr.: John Crovelli, W2GD) Donor: Robert McGwier, N4HY

World – Assisted Low Power Zvi Stessel, 4X6FR Donor: Mike Charteris, VK4QS

World – Assisted QRP DM2M (Opr.: Pit Schmidt, DK3WE) Donor: Steve "Sid" Caesar, NH7C

U.S.A. Kevin Stockton, N5DX Donor: Frankford Radio Club

U.S.A. - Low Power Larry G Schimelpfenig, K7SV Donor: North Coast Contesters

U.S.A. - QRP Doug Zwiebel, KR2Q Donor: Andy Blank, N2NT - W3ZZ Memorial

> U.S.A. - Assisted Randy Thompson, K5ZD Donor: John Rodgers, WE3C

U.S.A. – Assisted Low Power Steve Sluz, NY3A Donor: LA8W/LN8W & LA Contest Club

U.S.A. - Zone 3 NO6T (Opr.: Axel W Bruderer, KI6RRN) Donor: Arizona Outlaws Contest Club

U.S.A. - Zone 4 Steve London, N2IC Donor: Central Texas DX and Contest Club - K6RV Memorial

U.S.A. - Zone 5 Greg Cronin, W1KM\* Donor: Carolina DX Association - N4ZC Memorial

Europe CR6K (Opr.: Filipe Lopes, CT1ILT) Donor: Florida Contest Group - W3AU Memorial

> Europe - Low Power IY3A (Opr.: Matteo Marzilli, IZ3EYZ) Donor: Tim Duffy, K3LR

Europe - QRP Gediminas Lucinskas, LY9A Donor: Sergio Cartoceti, IK4AUY - I4FAF Memorial

Europe - Assisted Jon Zumalabe, EA2W Donor: IR4X Monte Capra Contest Team - I4IND Memorial

> Europe - Assisted Low Power ES7A (Opr.: Kristjan Kaas, ES7GM) Donor: John Rodgers, WE3C

Africa 3B9KW (Opr.: Kazunori Watanabe, MØCFW)\* Donor: Ralph "Gator" Bowen, N5RZ - K5KA Memorial Asia C4W (Opr.: Marios Nicolaou, 5B4WN) Donor: DFW Contest Group - W5PG Memorial

Carib./C.A. – High Power V47T (Opr.: Andrew Blank, N2NT) Donor: DFW Contest Group - W5PG Memorial

Carib./C.A. – Low Power VP2MJA (Opr.: Dennis Gasparotto, VA3WB)\* Donor: Albert Crespo, NH7A

Oceania 9M6NA (Opr.: Saty Nakamura, JE1JKL) Donor: Ken Hoppe, KH7R

Oceania – Assisted Ron Schiltmans, DU3T Donor: Koa Contest Club, Hawaii

South America Alexey Ogorodov, HC2AO Donor: Dave Farnsworth, WJ2O

South America - Southern Cone (CE, CX, LU) LW1F (Opr.: Jesus Rubio, LU5FC) Donor: Dale Long, N3BNA

Scandinavia (LA, OH, OZ, SM) OHØZ (Opr.: Tomi Ylinen, OH6EI) Donor: Chas Weir, Jr., W6UM - W3FYS Memorial

Baltic (ES, LY, YL) Agris Belasovs, YL2VW Donor: Lithuanian Radio Sports Federation - LY2OO Memorial

Canada – High Power VE2IM (Opr.: Yuri Onipko, VE3DZ) Donor: John Sluymer, VE3EJ & Jim Roberts, VE7ZO

Canada – Low Power VE3MIS (Opr.: John Rudy Koren, VA3JK) Donor: Maritime Contest Club - VE1AL Memorial

> Japan – High Power Masa Okano, JH4UYB Donor: Phil Yasson, AB7RW

Japan - Assisted Hajime Hazuki, JR2GRX Donor: Aki Nagi, JA5DQH

ASEAN (XZ, HS, XW, XU, 3W, 9M, 9V, V8, YB, DU) V85RH (Opr.: Hajime Kato, JO1RUR)\* Donor: Champ C. Muangamphun, E21EIC - SIAM DX GROUP

ASEAN (XZ, HS, XW, XU, 3W, 9M, 9V, V8, YB, DU) -Assisted Galih Suryananto, YC2VOC\* Donor: Champ C. Muangamphun, E21EIC - SIAM DX GROUP

### SINGLE OPERATOR, SINGLE BAND

World - 28 MHz D4L (Opr.: Luca Aliprandi, IK2NCJ) Donor: Joel Chalmers, KG6DX

World - 21 MHz KH7Q (Opr.: Jim Neiger, N6TJ) Donor: CWOps

World - 14 MHz Brian Edward, N2MF Donor: North Jersey DX Association - W2JT Memorial

> World - 7 MHz Nick Hacko, VK9DX Donor: John Rodgers, WE3C

World - 3.5 MHz 4L/LY4ZZ (Opr.: Algirdas Sadaunikas, LY2BMX) Donor: Family of Fred Capossela, K6SSS

> World - 1.8 MHz Ilya Semichastnov, 4L9M Donor: Kenneth Byers, Jr., K4TEA

U.S.A. - 28 MHz Jay E. Camac, N4OX Donor: John Rodgers, WE3C

U.S.A. - 21 MHz Peter Bizlewicz, KU2M Donor: Adrian Ciuperca, KO8SCA U.S.A. - 14 MHz Dan Handa, W7WA\* Donor: Northern Illinois DX Association

> U.S.A. - 7 MHz Charlie Hansen, NØTT Donor: Gene Shablygin, W3UA

U.S.A. - 3.5 MHz Steven Sussman, W3BGN Donor: Bill Feidt, NG3K

U.S.A. - 1.8 MHz Jeffrey T. Briggs, K1ZM Donor: Jeffrey T. Briggs, K1ZM

Europe - 28 MHz YUØT (Opr.: Branko Vidakovic, YU1WS) Donor: Jay Pryor, K40GG

> Europe - 21 MHz Leo N. Xhoko, S5ØR Donor: John Rodgers, WE3C

Europe - 14 MHz OH8X (Opr.: Pasi Luoma-aho, OH6UM) Donor: John Rodgers, WE3C

> Europe - 7 MHz Vladimir Pusec, OK1Z Donor: Ivo Pezer, 9A3A

Europe - 3.5 MHz ISØ/OM2TW (Opr.: Richard Gasparik, OK8WW) Donor: Frankford Radio Club - K3VW Memorial

Europe - 1.8 MHz Laci Nemeth, OM5NL Donor: Pat Barkey, N9RV & Terry Zivney, N4TZ

Asia – 14 MHz Mamuka Kordzakhia, 4L2M Donor: Ralph "Gator" Bowen, N5RZ - W5FO Memorial

> Asia – 7 MHz P35A (Opr.: Roman Thomas, 5B4AQN) Donor: Rich Gelber, K2WR

Carib /C.A. (21 MHz) WP4WW (Opr.: Jose A. Rivera-Salaman, KP4JRS) Donor: David Hodge, N6AN

Canada (21 MHz) Michael Smith, VE9AA Donor: John Sluymer, VE3EJ - VE3TA Memorial

> Japan - 21 MHz Akito Nagi, JA5DQH Donor: Bob Wilson, N6TV

Japan - 14 MHz Syuichi Sato, JA7FTR Donor: Charlie Morrison, N1RR - N1XS Memorial

> OVERLAY CATEGORIES World – Classic

> KP2M (Opr.: Philip Allardice, KT3Y) Donor: CWops

of them! The horserace was much closer for the remainder of the top-10 U.S. SOAB scores, with Greg, W1KM, delivering a second-place result of 7.5M, a huge increase from his first SOAB effort of 1.8M points back in 1979.

Domination is also the operative word for the World LP group, as Bud, AA3B demolished the competition with an amazing score of 12.9M. Perhaps more impressive about

Bud's result is that he would have placed #3 in the world amongst the high power entries, all with only 100 watts! Location, station design, and operating skill all contribute to these amazing numbers.

Speaking of amazing, how about that QRP score from PZ5CO, who managed to produce a dominating 6.3M tally, generating over 4400 contacts? That's a new record that's

U.S.A. - Classic Doug Grant, K1DG Donor: CWops

World - Rookie Justin Ogle, N9TTK Donor: CWops

U.S.A. - Rookie Dennis Tune, W9DCT\* Donor: CWops

Europe – Rookie Zdeslav Cerina, 9A5RTW Donor: EA Contest Club

ASEAN (XZ, HS, XW, XU, 3W, 9M, 9V, V8, YB, DU) -Rookie

Manatchai Suwannasri, E25CRF Donor: Champ C. Muangamphun, E21EIC - SIAM DX GROUP

> World - Youth Kees Van Oosbree, WØAAE Donor: Zoli Pitman, HA1AG

North America - Youth Maria Polyanska, VE3OMV\* Donor: IARU Region 2 for YOTA

Europe - Youth William Eustace, MØWJE Donor: IARU Region I Youth Working Group

South America - Youth Leonardo Timoteo Silva, PY2POA Donor: IARU Region 2 for YOTA

Africa - Youth No Entries Donor: IARU Region I Youth Working Group

> Asia - Youth Jian'ang Zhu, BD4VGZ Donor: YOTA Japan

Oceania - Youth Karunya Saka Listianto, YD2UWF Donor: IARU Region 3

World Single-Operator - Explorer Oscar Vais, LU6OA Donor: World Wide Radio Operators Foundation

World Multi-Operator - Explorer OT7T (Oprs.: OP4K, OP5T, OQ4U, OT5Z, OR5T, OT6E, OQ5M, OO7J, ON4CAU, ON4FI, ON4IT, ON4PQ, ON5JT, ON5TN, ON5OO, ON5XX, ON7MV, ON7TK, ON9EEE, ON5RA)

# Donor: World Wide Radio Operators Foundation

### MULTI-OPERATOR, SINGLE TRANSMITTER

World P33W (Oprs.: RA3AUU, RW4WR, LZ2HM, LZ3SM, EW1NY) Donor: Friends of Rich - KL7RA Memorial

World - Low Power FY5KE (Oprs.: F4CWN, F5HRY, FY5FY, F6FVY) Donor: EA Contest Club

U.S.A. K1LZ (Oprs.: AC1NU, K1LZ, K2SSS, K3JO, NA1NA, W1ADI, W2ID) Donor: Douglas Zwiebel, KR2Q

> U.S.A. - Low Power W4KZ (Oprs.: W9SN, W9RNY) Donor: CWOps

Africa TY5AF (Oprs.: OH2TA, OH5BM, OH5LLR) Donor: John Rodgers, WE3C

Asia UP2L (Oprs.: R9CM, R9HBA, R9IR, RM9I, RU9I, UA9MA, UC9A, UNØL, UNØLM, UN6LN, UN7LZ, UN9L, UN9LG)\* **Donor:** Steve Merchant, K6AW

> Carib./C.A. ZF1A (Oprs.: NN1C, W9KKN, N5KO, N6MJ) Donor: CWOps

Europe LZ5R (Oprs.: LZ1NK, LZ1YQ, LZ1ZF, LZ2BE, LZ2PL, LZ2XA, LZ3ND, LZ3ZZ, LZ5DB, LZ5DD, YO9WF) Donor: Gail Sheehan, K2RED

Europe - Low Power IB9T (Oprs.: IT9BLB, IT9EJW, IT9GAC, IT9RZU, IT9VDQ) Donor: Marco Holleyn, DJ4MH

> Oceania AH2R (Oprs.: NH2C, WI3O) Donor: Junichi Tanaka, JH4RHF

South America PJ4A (Oprs.: K4BAI, KU8E, N8VW, PJ4NX) Donor: Araucaria DX Group

Japan JH8YOH (Oprs.: JR8VSE, JE8KKX) Donor: Madison Jones, W5MJ

ASEAN (XZ, HS, XW, XU, 3W, 9M, 9V, V8, YB, DU) 7A2A (Oprs.: YBØECT, YC1SDL, YB2DX, YB2XVT) Donor: Bruce Frahm, KØBJ

### MULTI-OPERATOR, TWO-TRANSMITTER

World CR3DX (Oprs.: HA3NU, OM2VL, OM3BH, OM3GI, OM3RM, OM7LW) **Donor:** Array Solutions

U.S.A. W3LPL (Oprs.: W3LPL, NI1N, K3MM, N3OC, N3QE, K3RA, NN3W, WR3Z, KD4D) Donor: Robert Kasca, S53R

# Europe TKØC (Oprs.: S53CC, S53F, S53MM, S53RM, S53WW, S53ZO, S55OO, S57AL, S57C, S57K, S57L, S57VW) Donor: D4C Monteverde Contest Team - IR4X Monte Capra

Contest Team - I4EAT memorial Carib./C.A.

HQ9X (Opr.: K1TR, K1XM, KQ1F, SM7IUN, W1UE) Donor: South East Contest Club

South America PJ4K (Oprs.: WA3LRO, K1XX, W4PA, W1MD, K3CT, G3NKC, GD4XUM, N3RD) Donor: PJ4A Team (Jeff Clarke, KU8E and John Laney, K4BAI)

ASEAN (XZ, HS, XW, XU, 3W, 9M, 9V, V8, YB, DU) E2A (Oprs.: 5B4AGN, DL3DXX, E2ØNKB, E21EIC, E25KAE, E29TGW, HS3PIK, HS4RAY, LA7JO, SM3DYU, VE3LA, W2YR) Donor: Champ C. Muangamphun, E21EIC - Siam DX Group

## MULTI-OPERATOR, MULTI-TRANSMITTER

World

CN3A (Oprs.: OK1CZ, OK1FFU, OK1GI, OK1GK, OK1HGM, OK1JKT, OK1MV, OK1NY, OK1RI, OM6NM, CN8WK) Donor: The K2GL Operators - K2GL Memorial

U.S.A.

K3LR (Oprs.: N8AMY, K3LR, WF7T, K3UA, N2NC, W2RQ, N3SD, N9RV, K4RO, N6TV, KG5HVO, N3GJ, VE3RA) Donor: Ham Radio Outlet - W6RJ & N6RJ Memorial

Europe 9A1A (Oprs.: 9A5W, 9A9A, 9A6A, 9A7R, 9A5E, 9A3SMS, 9A8A, 9A2EU, 9A6M)

Donor: SRAL (Finnish Amateur Radio League - OH2SB Memorial)

Africa CR3W (Oprs.: DJ2YA, DK7YY, DL1CW, DL5AXX, DL5CW, DL5LYM, DL7UGN)\* Donor: EA9EO Memorial

Asia A44A (Oprs.: A41JZ, IK1YDB, IK2PFL, IK1HJS, SV5DKL, IK1QBT, A45TT, A45VU, A41CK) Donor: Nodir Tursun-Zade, EY8MM

CONTEST EXPEDITIONS

World Single Operator 3B9KW (Opr.: Kazunori Watanabe, MØCFW) Donor: Friends of Phil - N6ZZ Memorial

> World Multi-Operator K8H (Oprs.: W7YAQ, K7AR) Donor: CWOps

> > SPECIAL AWARDS

World SSB/CW Combined Unassisted P4ØT/VE2IM (Opr.: Yuri Onipko, VE3DZ) 19,859,532 Donor: Hrane Milosevic, YT1AD

U.S.A. SSB/CW Combined Unassisted Ed Sawyer, N1UR 9,733,666 Donor: Bob Shohet, KQ2M

Europe SSB/CW Combined Unassisted OM7K (Opr.: Richard Tucek, OM7RU) 6,751,357 Donor: Marko Myllymaki, N5ZO

Europe SSB/CW Combined - Low Power Jiri Cernoch, OK2MBP 2,265,354 Donor: EU1AA Memorial

Triathlon Award - World RTTY/SSB/CW Combined VE3DZ/P4ØT/VE2IM (Opr.: Yuri Onipko, VE3DZ) 22,277,204 Donor: DX Lodge Roatan (HQ9X)

Triathlon Award - Europe RTTY/SSB/CW Combined Branislav Hacko, YT3D 6,682,943

Donor: Bavarian Contest Club - LX1WW Memorial

World Combined SSB/CW Score 16Ø Meters OK4U (Opr.: Tom Stepnicka, OK1TP) 63.891 Donor: Team IB9T/IR9Y - IT9ZGY Memorial

World Combined SSB/CW Score - Multi-Operator, Multi-Transmitter

CN3A (Oprs.: IK2QEI, OK1RI, IK2SGC, IZ1LBG, IZ2ZOZ, OM6NM, OK1NP, OK1DO, OK6RA, OM1RI, OK1VVT, CN8WK, OK1CZ, OK1FFU, OK1GI, OK1GK, OK1HGM, OK1JKT, OK1MV, OK1NY) 91,428,337

Donor: Friends and Family of Gene - N2AA Memorial

**CLUB SCORES** 

U.S.A. SSB/CW Frankford Radio Club 464,Ø27,502 Donor: Northern California Contest Club

> DX SSB/CW **Bavarian Contest Club** 347,677,055 Donor: John Rodgers, WE3C

> > \* Second Place

# 2022 CQWW DX CW TOP SCORES

WORLD	IY3A (IZ3EYZ)	.5,079,492
SINGLE OPERATOR		.4,572,040
All Band	(VA3WB)	.4.428.456
FA8BM 14 633 647	K7SV	.3,507,995
V47T (N2NT) 13,330,347	K1BX	2,798,455
CR6K (CT1ILT)12,835,488	6Y6N (DK9PY)	.2,638,840
N5DX (@N2QV).11,640,105	VP5M (K4QPL)	2,610,374
VE2IM (VE3DZ)10,460,793	КТVUT N/4T7	2 078 676
VY211 (K6LA)9,215,920	19412	.2,070,070
TO57 (N6GO) 8 092 887	28 MHz	
W1KM	CX2AQ	439,161
XL3T (VE3AT)7,468,593	HI3Y	351,540
	CS2C (OK1RF)	308,826
28 MHz	PRIT (PTIZV)	258,000
D4L (IK2NCJ)1,142,280	NP34	253 692
LW1E (LU5EC) 934 362	JA2KKA	249,984
OA4O (FA7TN) 906.803	LZ4TX	236,880
5Z4VJ667,183	HZ7C (7Z1SJ)	213,226
JS6TSE	L5ØDY (LW3DG).	185,031
(JM1UWB)	21 MH코	
KH/M (KH6ZM)433,596	N8II	503 276
1001 (101WS)397,578	FR8UA	456.710
YU7FF	S5ØA	375,804
10/22	EU8U	369,895
21 MHz	YT9W	330,625
KH7Q (N6TJ	JA6WFM	237,060
@KH6YY)859,856	WB4TDH	232,624
VE9AA		221,894
KU2M658,360	$\cap \Delta 4 \cap X$	207 466
N3RV	07407	207,400
N5AW 614 295	14 MHz	
TM6X (F5VHY)584.982	PY2NY	394,822
JA5DQH572,040	DL9ZP	191,565
WP4WW	DL4AAE	175,336
(KP4JRS)557,190		1/4,432
RC3U550,246		130 / 16
	NU8A	118.854
N2ME 930 560	JHØEPI	112,700
OH8X (OH6UM)846,612	GD5F (GD4RFZ).	108,847
DMØA (DK3DM)764,005	R3AQ	108,480
4L2M586,432		
JA7FTR458,234	/ MHZ	170 500
W7WA406,262		120 067
JR25CJ	IV3FAD	120,007
XF1CT 324 736	OH9SE (OH9HDH	)104,412
YT7B322,344	LZ1BP	103,014
	OK2HBR	92,926
7 MHz		89,/12
VK9DX1,005,471	DK4LX	81 002
OK12	JRØBQD	69.445
OM2XW 701 415		
EA8/GU4YOX	3.5 MHz	2
(GU4YOX)654,500	OK5D (OK1DTP).	135,072
OM5R (OM5WW)633,984	OL5J (OK1RZ)	77,120
JJØVNR	CO2AN	//,11/
B4SA 104 200	SP3.IUN	62 604
L Z7M (L Z5VK) 151 286	F77BW	
	DL6KWN	42,490
3.5 MHz	S57X	35,280
4L/LY4ZZ	IK2ULV	34,386
(LY2BMX)	HB9CPS	33,924
(OK8WW) 420 282	1.0 MU	,
G4FNL	OM5NI	57 304
S53X252,700	SM6CNN	
W3BGN126,400	LC9X (LA9XGA)	20,124
OK1TN118,141	OK1MNW	19,719
K9ZO94,256	HA4N	19,656
DK2CF79,776	MØNDZ	17,700
IR2R (IZ2EWR) 71 682		14,310
		12 255
1.8 MHz	RA3UAG	
4L9M153,738	UF5A	10,545
NP2J (K8RF)101,844		
VE32I91,572	QRP	
VE3PN 45.155	All Banc	6 205 070
WF2W	KB20	1 375 470
OK4U (OK1TP)36,167	LY9A	1,078,742
M6N (MØNPK)29,610	DK7HA	888,440
YO3APJ27,880	JH1OGC	576,232
HL5IVL24,360	JR4DAH	493,344
	DL1MAJ	490,560
		482,895
V26K (AA3B) 12.962.248	K8MR	
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28 MH2	
4F3OM	<u>z</u> 101,18 <sup>-</sup>
OM7PY	41,031
US5VX	31,450
YO6EX	24,00
NH6O	17,888
HE5WIM	13,158
G3L (G3LHJ)	10,035
W7USA	9,947
21 MH	z
LZ2RS	114,885
HA3JB	92,340 54 320
YV5EN	52,850
JR1NKN	50,220
M7R (GØTPH)	46,720 43.092
JR2EKD	26,432
SP4NKJ G3YMC	23,972
14 MHz FS/KØCD	z 124.236
RT4W	65,270
JE1RZR	65,145
DL2TM	50,320 39.59 <sup>-</sup>
G2X (GØDCK)	25,593
YO4BEX	18,360
SP2HMY	7,750
EA3BES	5,720
7 MHz	
YU1RA	104,839
OK6OK	70,752
F5MOG	34,444
GM1J (MMØBQI)	30,528
HA3GC M3F (G3WZD)	28,880 28 248
OK1LO	12,862
UT5UUV	7,050
125009	3,004
3.5 MH	z
YO8RAA	
SM6DOI	18 139
SP800F	17,216
SP8OOE YO8RIX	17,216 11,289 9,744
SP800E Y08RIX DMØY (DH8BQA)	17,216 11,289 9,744 )8,046
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX	17,216 17,216 9,744 )8,046 7,990 7,696
SP8OOE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW	17,216 17,216 9,744 )8,046 7,990 7,696 
SP8OOE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW 1.8 MH	17,216 11,289 9,744 )8,046 7,990 7,696 5,236
SP8OOE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW 1.8 MH GM3YEH	17,216 11,285 9,744 8,046 7,990 7,696 5,236 z 19,740
SP8OOE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW 1.8 MH GM3YEH LY4T	17,216 11,285 9,744 9,744 
SP8OOE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW I.8 MH GM3YEH LY4T UR5FEO DL1AOB	17,216 11,285 
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW 1.8 MH GM3YEH LY4T UR5FEO DL1AOB HA1TI	17,216 11,288 9,744 
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW 1.8 MH GM3YEH LY4T UR5FEO DL1AOB HA1TI IK1RAC OU2V (QZ1EJB)	17,216 17,216 17,216 9,744 9,744 1,285 7,990 7,696 5,236 2 19,740 12,432 10,200 8,850 7,200 1,408 1,400 1,400
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW UT1WW I.8 MH GM3YEH LY4T UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT	17,216 11,285 9,744 
SP80OE YO8RIX DMØY (DH8BQA) G3YHF. OH1RX UT1WW 1.8 MH GM3YEH LY4T. UR5FEO DL1AOB HA1TI IK1RAC. OU2V (OZ1FJB). IZØORT URØFF.	17,216 11,285 9,744 9,744 11,285 9,744 1,285 7,990 7,696 5,236 z 19,740 12,432 10,200 8,850 7,200 1,406 1,404 660 344 0,000 1,404 1,40
SP8OOE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW I.8 MH GM3YEH LY4T UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT. URØFF OH5LAQ (OH5CV	17,216 17,216 11,285 9,744 
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW UT1WW I.8 MH GM3YEH LY4T UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPE	17,216 17,216 17,216 9,744 9,744 1,285 7,990 7,696 5,236 7,696 2 19,740 12,432 10,200 8,855 7,200 1,406 1,404 1,404 660 342 V)40 RATOR
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW UT1WW UT1WW UR5FEO DL1AOB HA1TI IK1RAC OU2V (O21FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPE ASSISTE HIGH POV	17,216 11,285 9,744 
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW 1.8 MH GM3YEH LY4T UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPE ASSISTE HIGH POV All Ban	17,216 17,216 17,216 9,744 
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW UT1WW UT1WW UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPE ASSISTE HIGH POV All Ban P44W (W2GD)	17,216 17,216 17,216 17,216 9,744 9,744 1,285 7,990 7,696 5,236 2 19,740 12,432 10,200 8,850 7,200 1,402 1,404 1,404 1,404 CRATOR ED VER d 13,457,875 1,450
SP8OOE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW I.8 MH GM3YEH LY4T UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPEL ASSISTE HIGH POV All Band P44W (W2GD) K5ZD EA2W	11,128 
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW I.8 MH GM3YEH LY4T UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF. OH5LAQ (OH5CV SINGLE OPE ASSISTE HIGH POV All Ban P44W (W2GD) K5ZD EA2W VA2WA	17,216 17,216 17,216 17,216 17,216 17,216 17,216 1,285 19,742 19,742 19,742 19,742 19,742 19,742 10,200 8,850 7,200 1,408 1,402 1,402 0,000 1,408 1,404 1,
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW UT1WW UT1WW UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPE ASSISTE HIGH POV All Ban P44W (W2GD) K5ZD EA2W VA2WA K3WW SN7Q (SP7GIQ).	
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW UT1WW UT1WW UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPE ASSISTE HIGH POV All Ban P44W (W2GD) K5ZD EA2W VA2WA K3WW SN7Q (SP7GIQ)	
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RXUT1WW UT1WW UT1WW UR5FEO DL1AOB HAITI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPEI ASSISTE HIGH POV AII Band P44W (W2GD) K5ZD EA2W VA2WA K3WW SN7Q (SP7GIQ). K1ZZ UW1M (UR5MW)	11,128; 9,744 
SP80OE Y08RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW UT1WW UT1WW UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPEL ASSISTE HIGH POV All Band P44W (W2GD) K5ZD EA2W VA2WA K3WW SN7Q (SP7GIQ). K1ZZ UW1M (UR5MW) KP3DX (NP4Z) II2S (IK2QEI)	17,216 17,216 17,216 17,216 17,216 17,216 17,216 1,285 19,742 19,742 19,742 19,742 10,200 8,850 7,200 1,408 1,402 1,40
SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW I.8 MH GM3YEH LY4T UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPE ASSISTE HIGH POV AII Ban P44W (W2GD) K5ZD EA2W VA2WA K3WW SN7Q (SP7GIQ) K1ZZ UW1M (UR5MW) KP3DX (NP4Z) II2S (IK2QEI)	17,216 17,216 17,216 17,216 17,216 17,216 12,432 10,200 12,432 10,200 1,406 1,402 1,402 1,404
SP80OE	
SP80OE Y08RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW UT1WW UT1WW UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPEI ASSISTE HIGH POV All Ban P44W (W2GD) K5ZD EA2W VA2WA K3WW SN7Q (SP7GIQ). K1ZZ UW1M (UR5MW) KP3DX (NP4Z) II2S (IK2QEI) 28 MH2 LU8DPM (LW8DC)	
SP80OE Y08RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW UT1WW UT1WW UR5FEO DL1A0B HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPE ASSISTE HIGH POV AII Ban P44W (W2GD) K5ZD EA2W VA2WA K3WW SN7Q (SP7GIQ) K1ZZ UW1M (UR5MW) KP3DX (NP4Z) II2S (IK2QEI) 28 MH2 LU8DPM (LW8DC LT6M (LU8MHL). CX2BR 945V (047DY)	
SP80OE Y08RIX DMØY (DH8BQA) G3YHF OH1RXUT1WW UT1WW UT1WW UR5FEO DL1AOB HA1TI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPE ASSISTE HIGH POV All Ban P44W (W2GD) K5ZD EA2W VA2WA K3WW SN7Q (SP7GIQ) K1ZZ UW1M (UR5MW) KP3DX (NP4Z) II2S (IK2QEI) 28 MH2 LU8DPM (LW8DO LT6M (LU8MHL). CX2BR 9A5Y (9A7DX) 4L8A	
SP80OE SP80OE YO8RIX DMØY (DH8BQA) G3YHF OH1RX UT1WW 1.8 MH GM3YEH LY4T UR5FEO DL1AOB HAITI IK1RAC OU2V (OZ1FJB). IZØORT URØFF OH5LAQ (OH5CV SINGLE OPEI ASSISTE HIGH POV AII Band P44W (W2GD) K5ZD EA2W VA2WA K5ZD EA2W VA2WA K5ZD EA2W VA2WA K5ZD EA2W VA2WA K5ZD EA2W VA2WA K5ZD EA2W VA2WA K5ZD EA2W VA2WA K5ZD EA2W VA2WA K1ZZ UW1M (UR5MW) KP3DX (NP4Z) II2S (IK2QEI) 28 MH2 LU8DPM (LW8DC LT6M (LU8MHL). CX2BR 9A5Y (9A7DX) 4L8A PY4BZ	17,216 17,216 17,216 17,216 17,216 17,216 12,232 10,740 12,432 10,200 12,432 10,200 12,432 10,200 1,402 1,

1	9A5D (9A5DU) KV2K (K2NG) Z35T	517 478 477	,820 ,950 ,795
1 ) 1	21 MHz V31CQ (K5PS)	942	,704
7 3 3 3 4 5	XQ1KZ 4X1MM HA5JI OM8CW S5ØK	927 919 848 845 826	,055 ,181 ,144 ,920 ,920
5	YTØZ (YU1ZZ) YT9A SN2M (SP2XF) RL3A (RL3FT)	755 753 730 675	,650 ,666 ,334 ,078
	14 MHz DL6FBL1 YT3X	,002 .984	,840 ,725
2 2 2 4 3	UB7K HA8A (HA8DZ) K8CX OMØM (OM3CGN).	890 880 854 849	,928 ,821 ,712 ,680
6	OL9Z (OK2PVF) S57Z S57DX	834 819 818	,716 ,408 ,832
5 ) 1 3	7 MHz SN3A (SQ2GXO)1 S53M (S51FB)1 OK6W (OK1MU)1 S51YI	,233 ,111 ,069 943	,900 ,352 ,752 428
3 ) )	S52AW VE3VN NH7T (@KH6YY) S57WJ	916 896 875 762	,994 ,124 ,550 ,528
9 2 1	KA1IS R3ZZ 3.5 MHz	757 729	,044 ,570
4 3 0 3 2 0 4	HA1TJ MW5B (G3WVG) YL9W (YL3DW) LZ6Y (LZ1MC) SN2B (SP2MKI) OL3A (OK1DX) DJØMDR PA1CC	493 478 438 421 405 361 307 284	,878 ,682 ,360 ,448 ,444 ,383 ,051 ,440
6	9A8M (9A3XU) OM5CM 1.8 MHz	.267 .247	,159 ,200
5 9 4 5 0 5 5	S51V YL3FT S53O R9PS RX3APM HA8BE SP3HLM S56X RG2A DM7C (DL6CX)	164 147 138 126 113 86 79 79 76 75	808 402 522 565 480 900 650 077 650
2)	LOW POWE All Band	R	400
3 4 0 2 0	ES7A (ES7GM)5 NY3A4 UN4Q (UA4Z)4 PP5BZ3 DJ5MO3 KS1J3 OL5Y3 OL9R (OK6RA)3 OHØV (OH6LI)3	,379 ,856 ,261 ,670 ,457 ,393 ,390 ,357 ,256	,230 ,628 ,446 ,056 ,212 ,390 ,340 ,746 ,152
5	28 MHz AH6KO FR8TZ	391	,482 ,513
6 6 6 7 7 7	EA6SX XQ3WD PY4XX HK1N HGØR (HAØNAR) 4XØA PY2RSA PY7RP	263 261 256 240 235 228 220 168	,755 ,600 ,891 ,670 ,445 ,872 ,528 ,087
7 ) ) )	21 MHz UN4L V55Y (V51WH) CT7/DL6IAK	423	,913 ,320
3 1	EE5K (EA5DF) ED7O (EA7EU)	329 310	,935 ,488

OM5KM	263,702	LY4BF	
W9XT	256,452	JK7DWD	
TA2DA	250,070	KO1H	
		W1IE	
14 MHz		W2VRK	
9Z4Y	599,250		
IRAR (ITAMDC)	407,805	-	7 MHz
RA9AP	403,106	F5MMX	65,504
	346,560	HA4FY	
M6W (G3WW)	323,856	S58R	54,048
OL3R (OK1VWK)	318,164	IW3ILM	19,032
IZ8EFD	256,168	SP5FKW	
EA3IN	250,062	S52CQ	
G4ERW	232,224	SP6EIY	5,502
E/AA (E/3AA)	185,328	KQ2RP	5,074
		DL4CF	4,816
7 MHz		EI3CTB	
YT2AAA	424,700		
YU7WW	346,527	3	.5 MHz
EU2F	336,746	OL4W (OK1	IIF)71,467
ES7GN	325,304	S5ØXX	
HA/I (HA/JIR)	312,002	YT8A	
CO8ZZ	276,471	SP5ES	
OM3122	2/1,414	S51Z	
VE9BK	236,680	SQ9MR	
OM5ALL	194,951	OK6DJ	
Y12B	189,552	PF5T	
		DO6SR	
3.5 MHz	100	UW1U (UT	7UA)
S5/AW	169,592		,
4Z4KX	147,760	1	.8 MHz
YO5AVN	136,344	YO8WW	8 046
E79D	130,707	RM4W	3 526
YU1ED	92,652		2 760
Z33F	92,430		0.103 0 192
YT1WA	85,941		1 210
OK1AY	79,887	V21MA	
OK1USP	65,700		
UT7NY	62,560		0
1.8 MHz		MU	JLTI-OP
HAØHV	70,933	SINGLE-	FRANSMITTER
OK6Y (OK2PTZ)	53,058	HIGI	HPOWER
SNØR (SQ9IAU)	52,785	A	II Band
G5Q (G3SVL)	28,182	P33W	
UR7MZ	27,328	ZF1A	
DF7GG	25 740	LZ5R	17.603.784
D1700			
DL5ANS	10,123	PJ4A	
DL5ANS IH9YMC	10,123	PJ4A UP2L	
DL5ANS IH9YMC R9LM	10,123 9,360 8,976	PJ4A UP2L K1LZ	
DL5ANS IH9YMC R9LM LZ7R	10,123 9,360 8,976 7,938	PJ4A UP2L K1LZ OM7M	16,826,600 16,739,261 16,690,848 16,672,638
DL5ANS IH9YMC R9LM LZ7R	10,123 9,360 8,976 7,938	PJ4A UP2L K1LZ OM7M TM6M	
DL5ANS IH9YMC R9LM LZ7R QRP	10,123 9,360 8,976 7,938	PJ4A UP2L K1LZ OM7M TM6M IR4M	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636
DL5ANS	10,123 9,360 8,976 7,938	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240
DL5ANS	10,123 9,360 8,976 7,938	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240
DL5ANS IH9YMC R9LM LZ7R QRP All Band DM2M (DK3WE)2 EF3O (EA3O)	2,312,442	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240
DL5ANS IH9YMC R9LM LZ7R QRP All Band DM2M (DK3WE)2 EF3O (EA3O) JA6GCE	10,123 9,360 8,976 7,938 2,312,442 1,519,600 1,109,988	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER
DL5ANS	2,312,442 1,519,600 1,109,988 976	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER Il Band 13,695,220
DL5ANS	2,312,442 1,519,600 1,109,988 985,226 80,400	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER Il Band 13,695,220 9,497,412
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF3O (EA3O) JA6GCE. KA4RRU. OMØRX. MW9W	2,312,442 1,519,600 1,109,988 985,226 880,400	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C IB9T	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER Il Band 13,695,220 
DL5ANS. IH9YMC. R9LM. LZ7R. DM2M (DK3WE)2 EF3O (EA3O) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL)	2,312,442 1,519,600 1,109,988 8976 7,938 2,312,442 1,519,600 1,109,988 985,226 880,400 723,247	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX A FY5KE WP3C IB9T W4KZ	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER Il Band 13,695,220 
DL5ANS IH9YMC	2,312,442 1,519,600 1,109,988 80,400 2,312,442 1,519,600 1,109,988 985,226 880,400 723,247 579,018	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX KOV A FY5KE WP3C IB9T W4KZ IQ3F	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492
DL5ANS IH9YMC	2,312,442 7,938 2,312,442 1,519,600 1,109,988 985,226 880,400 723,247 579,018 538,800	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX K0V A FY5KE WP3C IB9T W4KZ IO3F 9H6WW	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 
DL5ANS IH9YMC	2,312,442 ,519,600 ,109,988 	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C IB9T W4KZ IO3F 9H6WW F7CW	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 .4,572,500 4,516,272
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B). K8ZT. G1G (G4KIV) YU1LM.	2,312,442 I,519,600 I,109,988 985,226 880,400 I.723,247 579,018 538,800 459,081 409,200	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B). K8ZT. G1G (G4KIV) YU1LM.	2,312,442 ,519,600 ,109,988 985,226 880,400 723,247 579,018 538,800 409,200	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B). K8ZT. G1G (G4KIV) YU1LM. 28 MHz	2,312,442 I,519,600 I,109,988 985,226 880,400 723,247 579,018 538,800 409,200	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 .4,572,500 .4,516,272 .4,446,064 .3,862,510 3,556,750
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B). K8ZT. G1G (G4KIV) YU1LM. 28 MHz LT7D.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C IB9T W4KZ I03F 9H6WW E7CW EA5KM IR6T E7GZ	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 .4,572,500 .4,516,272 .4,446,064 .3,862,510 .3,556,750
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL) HG50 (HA50B) K8ZT. G1G (G4KIV) YU1LM. 28 MHz LT7D. EA3QP. EA3QP.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C IB9T W4KZ IB9T W4KZ I03F 9H6WW E7CW EA5KM IR6T E7GZ	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 II TLOP
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B) K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. DL1EFW.	2,312,442 I,519,600 I,109,988 985,226 880,400 723,247 579,018 538,800 459,081 409,200 142,155 116,928 97,080	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX PY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MIL TW/O TE	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 .6,822,036 .5,619,065 .4,884,492 .4,572,500 .4,572,500 .4,516,272 .4,446,064 .3,862,510 JLTI-OP PANISMITTER
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL) HG50 (HA50B) K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C IB9T W4KZ I03F 9H6WW E7CW EA5KM IR6T E7GZ MI TWO-TF	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 .6,822,036 .5,619,065 .4,884,492 .4,572,500 .4,572,500 .4,516,272 .4,446,064 .3,862,510 .3,556,750 JLTI-OP BANSMITTER II Band
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30)7 JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL) HG50 (HA50B) K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ)		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MI TWO-TA A CR3DX	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 JLTI-OP SANSMITTER II Band 39,611,468
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B) K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. VX9Q (UR9QQ) YP8A.	2,312,442 ,519,600 ,7,938 2,312,442 1,519,600 1,109,988 985,226 880,400 723,247 579,018 538,800 459,081 459,081 409,200 142,155 116,928 97,080 72,358 51,040 39,934	PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOV A FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MI TWO-TF A CR3DX P.14K	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,460,64 3,862,510 3,556,750 JLTI-OP BANSMITTER II Band 39,611,468 31,331,662
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL) HG50 (HA50B) K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. YZ0U.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX B9T W4KZ I03F 9H6WW E7CW EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K PJ4K	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 ,9,497,412 ,6,822,036 ,5,619,065 ,4,884,492 ,4,572,500 ,4,516,272 ,4,446,064 ,3,862,510 ,3,556,750 JLTI-OP RANSMITTER II Band ,39,611,468 ,331,662 24,525,288
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B) K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4UO.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX W93C W93C W93C B9T W4KZ I03F 9H6WW E7CW EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K TKØC W3I PI	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 ,9,497,412 ,6,822,036 ,5,619,065 ,4,884,492 ,4,572,500 ,4,516,272 ,4,446,064 ,3,862,510 ,3,556,750 JLTI-OP RANSMITTER II Band ,39,611,468 ,31,331,662 ,425,288 19,462,500
DL5ANS.           IH9YMC.           R9LM.           LZ7R.           QRP           All Band           DM2M (DK3WE)2           EF3O (EA3O)           JA6GCE.           KA4RRU.           OMØRX           MW9W           (GWØKRL)           HG5O (HA5OB)           K8ZT.           G1G (G4KIV).           YU1LM.           28 MHz           LT7D.           EA3QP.           DL1EFW.           SP7M.           UX9Q (UR9QQ)           YP8A           LY2OU.           4Z4UO           IK40MU.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX WP3C WP3C IB9T W4KZ I03F 9H6WW E7GZ EA5KM IR6T E7GZ KWO-TF A CR3DX PJ4K TKØC W3LPL P44Y	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 31,331,662 24,525,288 19,462,500 19,410,024
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF3O (EA3O) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG5O (HA5OB) K8ZT. G1G (G4KIV) YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ). YP8A. LY2OU. 4Z4UO. IK4OMU. 3G3O (XQ3OP)		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX P75KE WP3C IB9T W4KZ IO3F 9H6WW E7GZ EA5KM IR6T E7GZ MI TWO-TF A CR3DX PJ4K TKØC W3LPL P44X EF2Y	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF3O (EA3O) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG5O (HA5OB) K8ZT. G1G (G4KIV) YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4UO. IK4OMU. 3G3O (XQ3OP)		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX NP3C IB9T W4KZ IO3F 9H6WW E7GZ E7GZ NU E7GZ CR3DX PJ4K TKØC W3LPL P44X EF2X HO9X	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF3O (EA3O) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG5O (HA5OB). K8ZT. G1G (G4KIV) YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ). YP8A. LY2OU. 4Z4UO. IK4OMU. 3G3O (XQ3OP) 21 MHz		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX P75KE WP3C IB9T W4KZ IO3F 9H6WW E7GZ EA5KM IR6T E7GZ MI TWO-TF A CR3DX PJ4K TKØC W3LPL P44X EP1P	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,975
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF3O (EA3O) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG5O (HA5OB). K8ZT. G1G (G4KIV) YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ). YP8A. LY2OU. 4Z4UO. IK4OMU. 3G3O (XQ3OP). 21 MHz M3A (MØUKR)		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MI TWO-TF A CR3DX PJ4K TKØC W3LPL P44X EF2X HQ9X ED1R OI 37	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B). K8ZT. G1G (G4KIV) YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4UO. IK4OMU. 3G30 (XQ3OP) 21 MHz M3A (MØUKR) HA6EQ.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX PY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MI TWO-TF A CR3DX PJ4K TKØC W3LPL P44X EF2X HQ9X ED1R OL3Z II9P	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 .4,516,272 .4,446,064 .3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,876 4,245,326 4,177,162 4,177,175 4,177,175 4,177,175 4,177,175 4,
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B). K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4UO. IK4OMU. 3G30 (XQ3OP) 21 MHz M3A (MØUKR) HA6FQ. HA8RD. M2E (C 40M/L)		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX WP3C IB9T W4KZ IO3F 9H6WW E7GW EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K TKØC W3LPL P44X EF2X HQ9X ED1R OL3Z II9P	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 .4,572,500 .4,516,272 .4,446,064 .3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326 14,177,150
DL5ANS.           IH9YMC.           R9LM.           LZ7R.           QRP           All Band           DM2M (DK3WE)2           EF30 (EA3O)           JA6GCE.           KA4RRU.           OMØRX.           MW9W           (GWØKRL).           HG50 (HA5OB).           K8ZT.           G1G (G4KIV).           YU1LM.           28 MHz           LT7D.           EA3QP.           DL1EFW.           SP7M.           UX9Q (UR9QQ)           YP8A           LY2OU.           4Z4UO           IK4OMU.           3G3O (XQ3OP).           21 MHz           M3A (MØUKR).           HA6FQ.           HA8RD           M3E (G4CWH)		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX WP3C IB9T W4KZ I03F 9H6WW E7GW EA5KM IR6T E7GZ MI TWO-TF A CR3DX PJ4K TKØC W3LPL P44X EF2X HQ9X ED1R OL3Z II9P	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 .6,822,036 .5,619,065 .4,884,492 .4,572,500 .4,572,500 .4,516,272 .4,446,064 .3,862,510 .3,556,750 JLTI-OP RANSMITTER II Band .39,611,468 .31,331,662 .24,525,288 .19,462,500 .19,119,034 .17,979,101 16,696,400 .16,422,876 .14,245,326 .14,177,150
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B) K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4U0. IK4OMU. 3G30 (XQ3OP) 21 MHz M3A (MØUKR) HA6FQ HA8RD. M3E (G4CWH) HG3C (HA3HX)		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX WYAZ IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MI TWO-TF A CR3DX PJ4K	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326 14,177,150 JLTI-OP
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B) K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4U0. IK4OMU. 3G30 (XQ3OP) 21 MHz M3A (MØUKR) HA6FQ. HA8RD. M3E (G4CWH) HG3C (HA3HX). K6JS		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MI TWO-TF A CR3DX PJ4K FY5KE W3LPL P44X EF2X HQ9X ED1R OL3Z II9P MI MULTI-T	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 ,9,497,412 ,6,822,036 ,619,065 ,4,884,492 ,4,572,500 ,4,516,272 ,4,446,064 ,3,862,510 ,3,556,750 JLTI-OP RANSMITTER II Band ,39,611,468 ,31,331,662 ,24,525,288 19,462,500 ,9,119,034 ,979,101 ,669,400 ,19,799,101 ,669,400 ,19,799,101 ,669,400 ,19,799,101 ,669,400 ,14,245,326 ,14,177,150 JLTI-OP RANSMITTER
DL5ANS.         IH9YMC.         R9LM.         LZ7R.         QRP         All Band         DM2M (DK3WE)2         EF30 (EA30)         JA6GCE.         KA4RRU.         OMØRX         MW9W         (GWØKRL)         HG50 (HA50B)         K8ZT.         G1G (G4KIV)         YU1LM.         28 MHz         LT7D.         EA3QP.         DL1EFW.         SP7M.         UX9Q (UR9QQ)         YP8A         LY2OU.         4Z4UO.         IK4OMU.         3G30 (XQ3OP)         21 MHz         M3A (MØUKR)         HA6FQ.         HA8RD         M3E (G4CWH)         HG3C (HA3HX)         K6JS.         YC1LJT.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K FY3KE W3LPL P44X EF2X HQ9X ED1R OL3Z II9P MIL MULTI-T A	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,576,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326 14,177,150 JLTI-OP RANSMITTER II Band
DL5ANS.         IH9YMC.         R9LM.         LZ7R.         QRP         All Band         DM2M (DK3WE)2         EF30 (EA30)         JA6GCE.         KA4RRU.         OMØRX.         MW9W         (GWØKRL).         HG50 (HA50B)         K8ZT.         G1G (G4KIV).         YU1LM.         28 MHz         LT7D.         EA3QP.         DL1EFW.         SP7M.         UX9Q (UR9QQ)         YP8A.         LY2OU.         4Z4UO.         IK4OMU.         3G30 (XQ3OP)         21 MHz         M3E (G4CWH)         HA6FQ.         HA8RD         M3E (G4CWH)         K6JS.         YC1LJT.         OQU/SE L (CSC) L		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K FY5KE W3LPL P44X EF2X HQ9X ED1R OL3Z II9P MIL TI-T A CN3A	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326 14,177,150 JLTI-OP RANSMITTER II Band 44,014,817
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B) K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4UO. IK4OMU. 3G30 (XQ3OP). 21 MHz M3A (MØUKR) HA6FQ. HA8RD. M3E (G4CWH) HG3C (HA3HX) K6JS. YC1LJT. OQV4B (ON4BHQ). ON/S58J (S58J)		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7GZ EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC NJ CN3A CN3A CN3A CR3W	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 ,6,822,036 ,5,619,065 ,4,884,492 ,4,572,500 ,4,516,272 ,4,446,064 ,3,862,510 ,3,556,750 JLTI-OP RANSMITTER II Band ,31,331,662 ,24,525,288 ,19,462,500 ,19,472,500 ,19,473,500 ,19,473,500 ,19,473,500 ,19,473,500 ,19,473,500 ,19,473,500,19,473,500 ,19,473,
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF3O (EA3O) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG5O (HA5OB). K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ). YP8A. LY2OU. 4Z4UO. IK4OMU. 3G3O (XQ3OP). 21 MHz M3A (MØUKR) HA6FQ. HA8RD. M3E (G4CWH) HG3C (HA3HX) K6JS. YC1LJT. OQ4B (ON4BHQ) ON/S58J (S58J). UY5LW.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX WP3C IB9T W4KZ IO3F 9H6WW E7GZ EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K TKØC W3LPL PJ4K TKØC NJ PJ4K TKØC NJ PJ4K TKØC NJ PJ4K TKØC PJ4K TKØC NJ PJ4K TKØC NJ PJ4K TA PJ4K TKØC NJ PJ4K TA PJ4K	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326 14,177,150 JLTI-OP RANSMITTER II Band 4,4,014,817 41,003,743 33,708,798
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF3O (EA3O) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG5O (HA5OB). K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ). YP8A. LY2OU. 4Z4UO. IK4OMU. 3G3O (XQ3OP). 21 MHz M3A (MØUKR). HA6FQ. HA8RD. M3E (G4CWH). HG5C (HA3HX). K6JS. YC1LJT. OQ4B (ON4BHQ). ON/S58J (S58J). UY5LW.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7GZ EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K CR3DX PJ4K CN3A CR3W PJ2T 3B8M 2011	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326 14,177,150 JLTI-OP RANSMITTER II Band 4,4014,817 41,003,743 33,708,798 29,016,903
DL5ANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF3O (EA3O) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG5O (HA5OB). K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ). YP8A. LY2OU. 4Z4UO. IK4OMU. 3G3O (XQ3OP). 21 MHz M3A (MØUKR). HA6FQ. HA8RD. M3E (G4CWH). HG5C (HA3HX). K6JS. YC1LJT. OQ4B (ON4BHQ). ON/S58J (S58J). UY5LW. 14 MHz		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC NJ PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC NJ PJ4K TKØC NJ PJ4K TKØC NJ PJ4K TKØC NJ PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K TKØC PJ4K PJ4K TKØC PJ4K PJ4K TKØC PJ4K	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326 14,177,150 JLTI-OP RANSMITTER II Band 44,014,817 41,003,743 33,708,798 29,016,903 25,217,834
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B). K8ZT. G1G (G4KIV) YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4UO. IK4OMU. 3G30 (XQ3OP). 21 MHz M3A (MØUKR) HA6FQ. HA8RD. M3E (G4CWH) HG5C (HA3HX) K6JS. YC1LJT. OQ4B (ON4BHQ) ON/S58J (S58J) UY5LW. 14 MHz HG5A (HA5IW)		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX PY5KE WP3C B9T W4KZ I03F 9H6WW E7CW EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC W3LPL PJ4K TKØC PJ4K TKØC NJ PJ4K TKØC NJ PJ4K TKØC PJ4K	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 19,119,034 17,979,101 16,696,400 19,119,034 17,979,101 16,696,400 19,142,876 14,245,326 14,177,150 JLTI-OP RANSMITTER II Band 44,014,817 41,003,743 33,708,798 29,016,903 25,217,834 23,705,156
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B). K8ZT. G1G (G4KIV) YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4UO. IK4OMU. 3G30 (XQ3OP). 21 MHz M3A (MØUKR) HA6FQ. HA8RD. M3E (G4CWH) HG5C (HA3HX) K6JS. YC1LJT. OQ4B (ON4BHQ) ON/S58J (S58J) UY5LW. 14 MHz HG5A (HA5IW) S8WW. DU1. COMPARANCE COMPARANC		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX PJ5KE WP3C WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ EA5KM IR6T E7GZ MI TWO-TF A CR3DX PJ4K TKØC W3LPL P44X EF2X HQ9X ED1R OL3Z II9P MI MULTI-T A CN3A CR3W PJ2T 3B8M 9A1A K3LR YT5A	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326 14,177,150 JLTI-OP RANSMITTER II Band 44,014,817 41,003,743 33,708,798 29,016,903 25,217,834 23,705,156 22,879,624
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B). K8ZT. G1G (G4KIV) YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4UO. IK4OMU. 3G30 (XQ3OP). 21 MHz M3A (MØUKR) HA6FQ. HA8RD. M3E (G4CWH) HG5C (HA3HX) K6JS. YC1LJT. OQ4B (ON4BHQ) ON/S58J (S58J) UY5LW. 14 MHz HG5A (HA5IW) S88WW. DM7AA.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX PJ5KE WP3C WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ KWO-TF A CR3DX PJ4K TWO-TF A CR3DX PJ4K TKØC W3LPL P44X EF2X HQ9X ED1R OL3Z II9P MIL MULTI-T A CN3A CR3W PJ2T 3B8M 9A1A K3LR YT5A M6T	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326 14,177,150 JLTI-OP RANSMITTER II Band 44,014,817 41,003,743 33,708,798 29,016,903 25,217,834 23,705,156 22,879,624 22,742,406
DLSANS. IH9YMC. R9LM. LZ7R. QRP All Band DM2M (DK3WE)2 EF30 (EA30) JA6GCE. KA4RRU. OMØRX. MW9W (GWØKRL). HG50 (HA50B) K8ZT. G1G (G4KIV). YU1LM. 28 MHz LT7D. EA3QP. DL1EFW. SP7M. UX9Q (UR9QQ) YP8A. LY2OU. 4Z4U0. IK4OMU. 3G30 (XQ3OP). 21 MHz M3A (MØUKR). HA6FQ. HA8RD. M3E (G4CWH). HA6FQ. HA8RD. M3E (G4CWH). HA6FQ. HA8RD. M3E (G4CWH). HA6FQ. HA8RD. M3E (G4CWH). HG3C (HA3HX). K6JS. YC1LJT. OQ4B (ON4BHQ). ON/S58J (S58J). UY5LW. 14 MHz HG5A (HA5IW) S58WW. DM7AA.		PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX E7DX B9T W4KZ I03F 9H6WW E7CW EA5KM IR6T E7GZ EA5KM IR6T E7GZ MIL TWO-TF A CR3DX PJ4K PJ4K PJ4K PJ4K PJ4K PJ4K PJ4K PJ4K PJ4K PJ4K PJ4X EF2X HQ9X ED1R OL3Z II9P MIL MULTI-T A CN3A CR3W PJ2T 3B8M 9A1A K3LR YT5A M6T	16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 V POWER II Band 13,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 JLTI-OP RANSMITTER II Band 39,611,468 31,331,662 24,525,288 19,462,500 19,119,034 17,979,101 16,696,400 16,422,876 14,245,326 14,177,150 JLTI-OP RANSMITTER II Band 44,014,817 41,003,743 33,708,798 29,016,903 25,217,834 23,705,156 22,742,406

BA5CW......300,989

JF3BFS.....276,479

K31W	63,420
LY4BF	
JK7DWD	46,818
KO1H	33,580
W1IE	
W2VRK	
7 MH	7
F5MMX	65 504
HA4FY	
S58R	
IW3ILM	19,032
SP5FKW	16,200
S52CQ	
SP6EIY	5,502
FI3CTB	4,810 546
LI001D	
3.5 M	Ηz
OL4W (OK1IF)	71,467
S5ØXX	62,100
YT8A	
SP5ES	
S51Z	
	14,442
PF5T	
DO6SR	
UW1U (UT7UA)	
1.8 MI	Ηz
YO8WW	
RM4W	
	2,709
UT4UB7	1 312
V31MA	
JH4RUM	6
•••••••••••••••••••••••••••••••••••••••	
MULTI-	OP
MULTI- SINGLE-TRAN	OP ISMITTER
MULTI- SINGLE-TRAN HIGH PO	OP ISMITTER WER
MULTI- SINGLE-TRAN HIGH PO All Ba	OP ISMITTER WER nd
MULTI- SINGLE-TRAN HIGH PO All Ba P33W	OP ISMITTER WER nd 25,580,949
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L	OP ISMITTER WER 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L K1LZ	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848
MULTI- SINGLE-TRAN HIGH PO All Bar P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638
MULTI- SINGLE-TRAN HIGH PO All Bar P33W ZF1A LZ5R PJ4A UP2L K1LZ. OM7M TM6M	OP JSMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862
MULTI- SINGLE-TRAN HIGH PO All Bar P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M IR4M E7DY	OP JSMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,612,18,862 14,628,636
MULTI- SINGLE-TRAN HIGH PO All Bar P33W ZF1A LZ5R PJ4A UP2L. K1LZ OM7M TM6M IR4M E7DX	OP JSMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX	OP JSMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 WER
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A. UP2L K1LZ. OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,487,240 WER nd 13,695,220
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A. UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE WP3C	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,487,240 WER nd 13,695,220 9,497,412
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A. UP2L K1LZ. OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE WP3C IB9T	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,487,240 WER nd 13,695,220 9,497,412 9,497,412 6,822,036
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE WP3C IB9T W4KZ	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,487,240 WER nd 13,695,220 9,497,412 9,497,412 9,497,412 6,822,036 9,619,065
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R. PJ4A. UP2L. K1LZ. OM7M. TM6M IR4M. E7DX. LOW PO All Ba FY5KE WP3C IB9T W4KZ IO3F	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,682,636 14,487,240 WER nd 9,497,412 6,822,036 9,497,412 6,822,036 5,619,065 4,884,492
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R. PJ4A. UP2L K1LZ. OM7M TM6M IR4M E7DX. LOW PO All Ba FY5KE WP3C IB9T W4KZ IO3F. 9H6WW	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,672,638 14,6828,636 14,487,240 WER nd 9,497,412 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 9,497,412 9,497,412 9,497,412 9,497,412 9,497,412 9,497,412
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R. PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE WP3C IB9T W4KZ IO3F. 9H6WW E7CW CAEVA	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,622,638 16,218,862 14,628,636 14,487,240 WER nd 9,497,412 9,497,412 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 9,400,412,412,412,412,412,412,412,412,412,412
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R. PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE WP3C IB9T W4KZ IO3F. 9H6WW EA5KM IB6T	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 WER nd 13,695,220 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 4,572,500 4,572,500
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE WP3C IB9T W4KZ IO3F 9H6WW EA5KM IR6T F7GZ	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 WER nd 13,695,220 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M  IR4M E7DX LOW PO All Ba FY5KE WP3C IB9T W4KZ. IO3F. 9H6WW E7CW EA5KM IR6T E7GZ.	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 WER nd 13,695,220 9,497,412 6,822,036 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,218,862 14,628,636 14,487,240 WER nd 13,695,220 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 4,572,500 4,516,272 4,46,064 3,862,510 3,556,750
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE WP3C IB9T W4KZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MULTI- TWO-TRANS	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 WER nd 13,695,220 9,497,412 6,822,036 9,497,412 6,822,036 9,497,412 6,822,036 4,572,500 4,516,272 4,46,064 3,862,510 3,556,750
MULTI- SINGLE-TRAN HIGH PO All Bar P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO All Bar FY5KE WP3C IB9T WP3C IB9T WP3C IB9T WP3C IB9T WHXZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MULTI- TWO-TRANS All Bar	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,487,240 WER nd 13,695,220 9,497,412 6,822,036 9,497,412 6,822,036 5,619,065 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 OP SMITTER nd
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE WP3C IB9T WP3C B9T WP3C B9T WP3C B9T WP3C B9T WP3C IB9T WP3C IB9T WHXZ IO3F 9H6WW E7CW E7CW EA5KM IR6T E7GZ MULTI- TWO-TRANS All Ba CR3DX	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,672,638 16,218,862 14,628,636 14,487,240 WER nd 13,695,220 9,497,412 6,822,036 9,497,412 6,822,036 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 OP SMITTER nd 39,611,468
MULTI- SINGLE-TRAN HIGH PO All Ba P33W ZF1A LZ5R PJ4A UP2L K1LZ OM7M TM6M IR4M E7DX LOW PO All Ba FY5KE WP3C IB9T WP3C IB9T WP3C IB9T WP3C IB9T WHXZ IO3F 9H6WW E7CW EA5KM IR6T E7GZ MULTI- TWO-TRANS All Ba CR3DX PJ4K	OP ISMITTER WER nd 25,580,949 18,548,608 17,603,784 16,826,600 16,739,261 16,690,848 16,672,638 16,218,862 14,628,636 14,628,636 14,487,240 WER nd 3,695,220 9,497,412 6,822,036 5,619,065 4,884,492 4,572,500 4,516,272 4,446,064 3,862,510 3,556,750 OP SMITTER nd 39,611,468 31,331,662

IZ8NWA......100,776

P44X19,119,034	
EF2X17,979,101	
HQ9X16,696,400	
ED1R16,422,876	
OL3Z14,245,326	
II9P14,177,150	
MULTI-OP	
MULTI-TRANSMITTER	
All Band	
CN3A44,014,817	
CR3W41,003,743	
P.I2T 33 708 798	
1 021	
3B8M29,016,903	
3B8M29,016,903 9A1A25,217,834	

A44A LZ9W	20,965,527 20,944,836	YD2UWF YL3JA
EXPLO	REB	DSTIUW
SINGLE	-OP	DK1YH
HIGH PO	WER	
All Ba	nd	UNITED
LU6OA	1,053,592	SINGLE
C6AZT	290,920	All
S53K	211,024	N5DX
WX8S	189,666	(@N2QV)
OH2XX		W1KM
K7RB		NO6T (KI6B)
YO2GL		@WA6TQ
		N1UR
EXPLO	RER	NR3X (N4YE
		W9RE
All Bai	nd	NA8V
OT7T	16,360,290	K1DG
ZM1A	14,301,232	
	12,615,785	28
YPØK	3 758 307	N5YT
ZL3X	3,533,658	AH2O
BY3CQ	1,232,763	AF2F
EA6URL	534,567	K4RDU
DOOK		W9OP
HIGH DO	WER	NC45 K1IR
N9TTK	2.770.979	K7 U
9A5RTW	1,051,050	
W9DCT	723,976	21
EI6LA	637,096	KU2M
K3AK		K3RV
EA4HQV	1/2 210	
FA5.IDN	44 400	N6KN
KD2UBH	7.107	WØYK
JK1BAB		N4KS
		K5QR
LOW PO	WER	NIØK
	680 013	K/NT
FA4HKF	596 755	14
KY4GS	573,016	N2MF
AEØDX	443,368	W7WA
VE3KOT	359,968	KW9A
KD2ZEL	204,930	W7UT
4X6FB	201,894	
JK1AUY	155.220	WØTY
		AK5Y
CLASS	SIC	
HIGH PO	WER	7
FD8M (FA8DIG)	4 758 704	W037
K1DG	4.278.254	K8GU
KQ2M	3,935,016	NIØC
VA2EW	3,648,886	N7RK
3B9KW	0.000.000	K2AF
	3,386,060	W/ID
OHØZ (OH6EI).	3.143.880	AA2DT
DL2CC	3,121,938	
YT3D	3,085,780	3.5
		W3BGN
LOW PO	2 708 /55	K920
VP5M (K4OPL)	2,730,455	KØPJ
9A1AA	1.748.028	W6RKC
K3AU (K2YWE)	1,324,632	K5IB
DL2NBU	1,272,866	
CR50 (CT7AJL)	1,189,875	1.8
HASPP	1 171 609	K1ZM
EA4KD	1.166.241	W1HIS
4U1UN	,,	WA1BXY
(KO8SCA)	1,146,831	
VOUT	н	LOW
HIGH PO	WEB	K7SV
WØAAE	2,272,125	K1BX
MØWJE	341,880	K1VUT
SA6NIA	163,780	N4TZ
	133,575	WW4XX (LZ
HASIMAK		N1DC
LOW PO	WER	K1HT
BD4VGZ	571,200	W1NN
VE3OMV	268,641	AA8CA
IUØLJD		
UL/PIA	180 400	25

IUØLJD DL7PIA

YD2UWF	
N5DX (@N2QV)11,640,105 W1KM7,496,808 N2IC5,956,685 NO6T (KI6RRN @WA6TQT)5,767,692 N1UR5,697,900 NR3X (N4YDU)5,681,676 W9RE5,346,486 NN7CW5,192,950 NA8V4,876,106 K1DG4,278,254	
28 MHz N4OX275,709 N5YT109,383 AH2O39,600 AF2F36,210 K4RDU35,752 W9OP35,700 NC4S15,642 K1IB4,114 K7IU324	
21 MHz KU2M	
14 MHz N2MF930,560 W7WA406,262 KW9A329,814 W7UT47,430 W3AKD12,675 KØQEI8,517 WØTY2,812 AK5Y204	H H N T
/ MHz         NØTT	
3.5 MHz W3BGN	       
K1ZM	   
All Band K7SV	1
28 MHz N4AO (WC4E)100,440	ł

AB1J	61,290
N4NM	44,620
W8JGU	34,408
NIØG	29,308
WNØL	13,293
K2CS W2YK	12,300
VV2 I I C	12,200
21 MHz	500.070
WB4TDH	232,624
W6YX (N7MH)	221,186
WA/BNM K4AMC	115,696 65,320
WB9HFK	59,994
AF8A	49,364
WA8ZNC	28,014
W9QL	25,050
14 MHz	
NU8A	118,854
N8ET	30,342
K1EFI	29,835
W21Z NW4V	27,542
N7SE	3,800
W3EH	2,160
AA1ZX	
7 MHZ K9UIY	61,812
W4TJM	25,661
AC8CE W8NNC	11,172
KA9A	725
KT5LA	660
KW4FAB	
K6AUS	
WS5D	12
3.5 MHz	
KC4WQ	814
1.8 MHz WD8DSB	1 704
N8UX	
OBP	
All Band	
KR2Q <sup>-</sup> N8AA	1,375,470
K8MR	369,460
W6JTI	357,744
WB2CPU	209,520
W6QU (W8QZA)	160,461
NDØC K4PQC	156,891
N7RCS	123,402
28 MH-	
W7USA	9,947
K3UT	7,800
N3HCN	4,625
WA6FGV	3,770
KJ5T NØJK	1,000
21 MHz	
KF4AV	22 126
KF4AV WW2G (WU2M)	22,126 18,711
KF4AV WW2G (WU2M) KEØTT WC7S	22,126 18,711 13,195
KF4AV WW2G (WU2M) KEØTT WC7S AB8DF	22,126 18,711 13,195 8,601 2,310
KF4AV	22,126 18,711 13,195 8,601 2,310
KF4AV WW2G (WU2M) KEØTT WC7S AB8DF 14 MHz N5GSG	22,126 18,711 13,195 8,601 2,310
KF4AV WW2G (WU2M) KEØTT WC7S AB8DF 14 MHz N5GSG	22,126 18,711 13,195 8,601 2,310
KF4AV	22,126 18,711 13,195 8,601 2,310 32
KF4AV WW2G (WU2M) KEØTT WC7S AB8DF 14 MHz N5GSG 7 MHz WA2NYY	22,126 18,711 13,195 8,601 2,310 32 32
KF4AV WW2G (WU2M) KEØTT WC7S AB8DF 14 MHz N5GSG 7 MHz WA2NYY SINGLE OPER	22,126 18,711 13,195 8,601 2,310 32 1,917 ATOR
KF4AV WW2G (WU2M) KEØTT WC7S AB8DF 14 MHz N5GSG 7 MHz WA2NYY SINGLE OPER. ASSISTEE HIGH POWI	22,126 18,711 13,195 8,601 2,310 32 1,917 ATOR D ER
KF4AV WW2G (WU2M) KEØTT WC7S 14 MHz N5GSG 7 MHz WA2NYY SINGLE OPER, ASSISTEE HIGH POWI All Band	22,126 18,711 13,195 8,601 2,310 32 1,917 ATOR D ER
KF4AV	22,126 18,711 13,195 8,601 2,310 32 1,917 ATOR D ER 1,150,100 3,659,726
KF4AV	22,126 18,711 13,195 8,601 2,310 32 1,917 ATOR D ER 1,150,100 3,659,726

K1ZZ N3RS W8FJ AB3CX	8,631,612 6,928,620 6,698,250 6,593,694
N2YO AA1K K1AR N2SR	6,471,840 6,379,416 6,214,725 5,889,646
28 MHz KV2K (K2NG) N6SS N4ZR K5KG K4WI NE8P W8AV N2OO W4DD AG9S	478,950 252,453 222,080 218,694 204,378 148,953 135,346 113,088 92,628 59,202
21 MHz WB9Z AA7A N7AT (K8IA) N9CO N7DD W7RN (K5RC) W7RN (K5RC) W1CC W2AW (N2GM) K7SS KE4S	571,704 490,889 459,669 438,353 427,040 383,396 290,440 253,614 231,750 150,930
14 MHz K8CX N7TU K7PI WA5YOM KA6BIM NN3W AA2EQ K3KEK K4MQM KE4KDY 7 MHz	854,712 116,348 56,854 39,144 26,574 10,800 8,424 3,420 1,400 756
7 MH2 KA1IS	757,044 423,500 399,355 340,650 261,513 149,467 149,467 103,936 69,984 60,495
3.5 MHz K9GS W3NO K3MM W4PK W5JMW	225,375 132,374 80,928 27,335 7,008
1.8 MHz K5UR K2KW N9AW W6XI W7RH	12,749 11,387 3,040 966 740
All Band NY3A KS1J W3KB W1QK KG9X N1EN WE9R NS3T WO1N N4XL	4,856,628 3,393,390 2,286,526 1,957,005 1,949,480 1,946,819 1,794,654 1,549,776 1,540,962 1,504,956
28 MHZ N1DG N3UA W9ILY AA4LS KKØU K6AAM K1NY X3STX N2WLG W6JPL (K6ICS)	138,861 101,673 63,852 62,062 60,096 29,388 16,920 9,536 6,808 540

12		
12		
		21 MHZ
20	W9XT	
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94	N5JR	
10	W2UP	
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16	WØBE	
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30	W1ZZ	
1	NOEIM	
24		
78	K1IG	
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	NN/200	
16	NNØJS	
28		
28		/ MHz
12	AA4NP	
-	KOIV	
	K9J I	
	K1IM	
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96	N4ELC	
10	NS5S	
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	KB9BPG	
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	W/RY	
	KU4A	
	MOGY	
14	WQ0A	
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27	KE1AK	
57	W3EK	
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	NV1W	
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25		21 MHZ
55	K6.IS	
	110000	
		14 MHz
75	I/OTM	
75 74	K3TW	
75 74	K3TW KO1H	
75 74 28	K3TW KO1H	
75 74 28	K3TW KO1H W1IE	
75 74 28 35	K3TW KO1H W1IE W2VBK	
75 74 28 35 08	K3TW K01H W1IE W2VRK	
75 74 28 35 08	K3TW K01H W1IE W2VRK K9AXT	
75 74 28 35 08	K3TW KO1H W1IE W2VRK K9AXT N8URE	
75 74 28 35 08	K3TW K01H W1IE W2VRK K9AXT N8URE	
75 74 28 35 08	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT	
75 74 28 35 08	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY	
75 74 28 35 08 49 37	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBO	
75 74 28 35 08 49 37	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ	
75 74 28 35 08 49 37 40	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ	
75 74 28 35 08 49 37 40 56	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ	7 MHz
75 74 28 35 08 49 37 40 56	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ	7 MHz
75 74 28 35 08 49 37 40 56 40	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP	7 MHz
75 74 28 35 08 49 37 40 56 40	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP	7 MHz
75 74 28 35 08 49 37 40 36 40	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP	7 MHz
75 74 28 35 08 49 37 40 56 40	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP	7 MHz
75 74 28 35 08 49 37 40 66 40	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP	7 MHz MULTI-OP
75 74 28 35 35 37 40 66 40	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP	7 MHz 7 MHz MULTI-OP TRANSM
75 74 28 335 335 337 40 66 40	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP I SINGLE HI	7 MHz 7 MHz MULTI-OP E-TRANSM GH POWE
75 74 28 335 335 337 40 66 40 28	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP I SINGLE HI	7 MHz 7 MHz MULTI-OP E-TRANSM GH POWE All Band
75 74 28 335 337 40 66 640 28 90 28	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP SINGLE HI	7 MHz 7 MHz -TRANSM GH POWE All Band
75 74 28 35 35 30 8 49 37 40 66 40 28 90 26	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP I SINGLE HI K1LZ	7 MHz 7 MHz -TRANSM GH POWE All Band 
75 74 228 35 35 308 49 37 40 36 40 28 90 26 55	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP SINGLE HI K1LZ KC1XX	7 MHz MULTI-OP E-TRANSM GH POWE All Band 16 14
75 74 228 35 36 49 37 40 56 40 228 90 26 55 20 58	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP SINGLE HI K1LZ KC1XX	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 228 35 36 49 37 40 66 40 28 90 26 530	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP SINGLE HI K1LZ KC1XX W2FU	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 228 335 337 40 337 40 366 40 226 25 300 19	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP I SINGLE HI K1LZ KC1XX W2FU K8AZ	7 MHz 7 MHz -TRANSM GH POWE All Band 
75 74 28 335 335 40 37 40 36 40 28 90 26 50 30 19 54	К3ТW КО1H W1IE W2VRK K9AXT N8URE K2GMY K2GMY K6BBQ KQ2RP SINGLE HI K1LZ K0LFU K8AZ K0PS	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 335 308 49 37 40 66 640 28 90 66 54	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ K02RP SINGLE HI K1LZ KC1XX W2FU K8AZ K9RS	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 35 38 49 37 40 66 40 28 90 26 530 19 54 76	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ K02RP SINGLE HI K1LZ K1XX W2FU K8AZ K9RS K5TR	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 335 49 37 40 66 0 28 0 26 50 0 92 53 0 92 54 66 0 28 0 29 26 53 0 92 54 28 53 28 53 28 53 28 53 28 53 28 53 28 53 28 53 28 53 28 53 28 53 53 28 53 53 53 53 53 53 53 53 53 53 53 53 53	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ K02RP I SINGLE HI K1LZ K01XX W2FU K8AZ K9RS K075	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 35 38 49 37 40 66 40 28 90 26 530 94 76 22	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP SINGLE HI K1LZ K01XX W2FU K8AZ K9RS K9RS KQ2F	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 35 36 49 37 40 66 00 28 00 65 56 56	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KC2RP K02RP SINGLE HI K1LZ K02FU K9RS K5TR KQ2F W7RM	7 MHz 7 MHz -TRANSM GH POWE All Band 
75 74 28 35 30 49 37 40 56 40 28 026 53 90 26 53 90 26 53 90 26 55 66	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP K0BBQ K0BBQ K0BBQ K0BBQ K02RP K02R	7 MHz 7 MHz -TRANSM GH POWE All Band 
75 74 28 35 30 49 37 40 66 40 28 90 65 50 19 54 76 22 56	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ K02RP K02RP SINGLE HI K1LZ K01XX W2FU K8AZ K9RS K9RS K9RS K9RS K9RS K9RS K9RS	7 MHz 7 MHz -TRANSM GH POWE All Band 16 
75 74 28 35 30 49 77 40 60 20 20 30 94 76 25 60 20 50 91 94 76 25 60 26 50 91 94 76 25 50 80 92 50 80 93 70 28 50 80 93 70 9 70 9	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KG2RP KGBBQ KG2RP KGBBQ KG2RP K02RP K1LZ K2FU K9RS K5TR K2FF W7RM W9VW AA9A	7 MHz 7 MHz -TRANSM GH POWE All Band 
75 74 28 35 30 49 37 40 66 40 28 02 65 30 92 40 54 76 22 56 31	K3TW K01H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ K02RP SINGLE HI K1LZ KC1XX W2FU K8AZ K9RS K5TR K02F W7RM W9VW AA9A	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 35 30 49 37 40 66 40 28 02 55 60 31 54 66 51 55 66 51	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KC2RP KGBBQ KQ2RP SINGLE HI K1LZ KC1XX W2FU K8AZ K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS	7 MHz 7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75         74         28         308         497         406         280         290         200         210         220         230         497         400         280         290         200<	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP K6BBQ K02RP SINGLE HI K1LZ K01XX W2FU K8AZ K9RS K9RS K9TR K9TR W7RM W7RM	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 35 30 49 37 40 66 40 28 0205 30 95 46 56 31 32	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP K02RP KQ2RP I SINGLE HI K1LZ K01XX W2FU K8AZ K9RS K9RS K9RS K9RS K9RS K9RS K02F W7RM W9VW AA9A	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 35 30 49 37 40 66 40 28 02 50 30 95 46 57 62 56 57 32 20 57 48 50 57 48 50 50 57 48 50 50 50 50 50 50 50 50 50 50 50 50 50	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KC2RP K6BBQ K02RP SINGLE HI K1LZ K02RP K1XX W2FU K8AZ K9RS K5TR K9RS K9RS K9RS K9RS K02F W7RM W9VW AA9A LC	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 35 30 49 77 48 35 49 28 50 28 50 28 50 28 50 28 50 28 50 28 50 28 50 28 50 28 50 29 50 29 50 29 50 29 50 29 50 29 50 29 50 29 50 29 50 29 50 29 50 29 50 20 20 20 20 20 20 20 20 20 20 20 20 20	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KGBBQ KGBBQ K6BQ K6BQ K6BQ K6BBQ K6BBQ K6BQ K6BBQ K6BQ K6BCQ K6BQ	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75     74       28     35       49     74       28     75       28     75       28     75       28     75       28     75       28     75       28     75       28     75       28     75       28     75       28     75       28     75       29     75       29     75       29     75       29     75       29     75       20	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP KGBBQ KQ2RP I SINGLE HI K1LZ K01X W2FU K8AZ K9RS	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 835 835 84 937 937 936 94 97 92 95 93 94 95 95 95 95 95 95 95 95 95 95 95 95 95	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP SINGLE HI K1LZ K02FU K9RS K5TR K02F W7RM W7RM W9VW AA9A LC W4KZ AD4ES	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 35 38 49 37 40 640 28 02 55 31 94 75 22 56 31 32 22 68 80 55 56 57 57 4 83 58 59 56 57 4 83 58 59 59 50 50 50 50 50 50 50 50 50 50 50 50 50	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KGABC KGBBQ KGABC KGBBQ KGABC KGBBQ KGABC KGBBQ KGABC KGBBQ KGABC KGBBQ KGABC KGBC KGBC KGBC KGBC KGBC KGBC KGBC KG	7 MHz 7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75       74         28       335         49       74         28       50         49       74         28       75         28       75         29       75         28       75         28       75         29       75         29       75         29       75         20       75 <td>K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP KGBBQ KQ2RP I SINGLE HI K1LZ K01XX W2FU K8AZ K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K3AJ W3ZGD</td> <td>7 MHz 7 MHz MULTI-OP E-TRANSM GH POWE All Band </td>	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP KGBBQ KQ2RP I SINGLE HI K1LZ K01XX W2FU K8AZ K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K9RS K3AJ W3ZGD	7 MHz 7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 835 835 84 937 937 96 90 80 96 50 91 94 76 26 51 73 22 26 80 93 90 80 95 76 26 50 91 94 76 26 50 91 73 22 26 80 91 77 92 80 93 90 93 70 93 90 94 70 95 90 90 90 90 90 90 90 90 90 90 90 90 90	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP SINGLE HI K1LZ K02FU K9RS K5TR K9RS K5TR K02F W7RM W7RM W9VW AA9A LC W4KZ K3AJ W3ZGD NX6T	7 MHz MULTI-OP E-TRANSM GH POWE All Band 16 
75 74 835 835 84 97 106 10 28 90 205 80 91 94 76 26 56 11 32 26 88 20 68 80 20 50 80 95 76 26 80 80 80 80 80 80 80 80 80 80 80 80 80	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP SINGLE HI K1LZ K01XX W2FU K8AZ K9RS K5TR K9RS K5TR K9RS K4A2F W7RM W9VW AA9A W4KZ AD4ES K3AJ W3ZGD NX6T W4CT.	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75       74         28       335         49       74         28       50         49       74         28       75         28       75         29       75         28       75         28       75         29       75         29       75         20       75 <td>K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP KGBBQ KQ2RP SINGLE HI K1LZ KC1XX W2FU KA2F W7RM W9VW AA9A K3AJ W3ZGD NX6T W4TG</td> <td>7 MHz 7 MHz MULTI-OP E-TRANSM GH POWE All Band </td>	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP KGBBQ KQ2RP SINGLE HI K1LZ KC1XX W2FU KA2F W7RM W9VW AA9A K3AJ W3ZGD NX6T W4TG	7 MHz 7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 28 35 30 49 70 60 20 20 50 91 54 75 22 60 80 20 50 91 54 75 22 20 68 20 60 20 50 91 54 75 22 20 68 20 68 20 60 20 55 20 55 55 55 55 55 55 55 55 55 55 55 55 55	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ K02RP SINGLE HI K1LZ K6BBQ K02RP SINGLE HI K1LZ K02FU K9RS K5TR K9RS K5TR K9RS K9RS K9RS K9RS K3A9A W7RM W9VW AA9A LC W4KZ AD4ES K3ZGD NX6T W4TG K1RO	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75 74 835 83 93 70 640 280 265 90 95 75 22 6 80 17 32 26 80 80 80 80 15 75 22 6 80 80 80 80 80 80 80 80 80 80 80 80 80	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KQ2RP KGBBQ KQ2RP KG1XX W2FU K8AZ K9RS K5TR K9RS K5TR K9RS K5TR W2FU K8AZ W7RM W9VW AA9A UC W4KZ AD4ES K3AJ W3ZGD NX6T W4TG K1RQ	7 MHz MULTI-OP E-TRANSM GH POWE All Band 
75       74         28       35         49       75         28       50         49       75         28       75         28       75         29       75         28       75         29       75         20       75	K3TW KO1H W1IE W2VRK K9AXT N8URE KC1DVT K2GMY K6BBQ KC2RP KC1DVT K1LZ K02RP K02RP K1XX W2FU K02FU K9RS K9RS K9RS K9RS K9RS K9RS K9RS K3AJ W3ZGD NX6T W4TG K1RQ	7 MHz MULTI-OP E-TRANSM GH POWE All Band 

BH2SWB .....159,274

likely to stand for some time (replacing the 1999 5.0M point effort of P40W (W2GD operator).

While on the subject of Aruba, perennial CQ WW operator, W2GD, won the assisted SOAB category from P44W, racing to a 13.5M point win, beating out 1410 other competitors in that operating class. Randy, K5ZD, delivered a #2 World result at 11.1M, from his improved Uxbridge, MA, station.

The Classic overlay continues to grow in popularity, largely in keeping with the overall advancement of our communities' average age! Phil, KT3Y, beat them all with an outstanding 24hour result of 5.1M. There's a lot to be enjoyed from an investment of only 24 hours in operating time. As a reminder, you can continue to operate beyond the 24-hour period, while still submitting a valid Classic score. You'll note in the results that many Classic entries are also listed elsewhere in the line scores with higher numbers, reflecting this operating approach.

The titans of contesting, multi-op stations, continued to populate the bands. The P33W team showed everyone how to effectively run a Multi-Single operation, delivering a 25.5M final result. The Multi-Two race was also an impressive display of talent as the CR3DX team handily beat out the emerg-

Table 1									
Op Hrs	AF	AS	EU	NA	OC	SA	ALL	% of all	Cum %
0.1 - 5	9	133	342	293	24	18	819	16.5%	16.5%
5.1-10	2	140	478	389	23	18	1050	21.1%	37.6%
10.1-15	6	102	437	340	18	17	920	18.5%	56.0%
15.1-20	4	121	350	227	15	16	733	14.7%	70.8%
20.1-25	3	82	276	217	10	15	603	12.1%	82.9%
25.1-30	-	59	160	118	9	6	352	7.1%	90.0%
30.1-35	-	32	98	95	3	3	231	4.6%	94.6%
35.1-40	1	27	63	50	3	1	145	2.9%	97.5%
40.1-45	-	12	39	36	1	5	93	1.9%	99.4%
45.1-48	2	5	16	4	3	1	31	0.6%	100.0%
ALL	27	713	2259	1769	109	100	4977	100.0%	
Median Hours	10.7	13.8	13.6	12.9	10.9	14.3	13.3		

Table 1. Operating Time by Continent in the 2022 CQ WW CW Contest

# 2022 CQWW DX CW BAND-BY-BAND BREAKDOWN — TOP ALL BAND SCORES

Number groups indicate: QSOs/Zones/Countries on each band

### WORLD SINGLE OPERATOR ALL BAND 160 80 40 20 15 Station 10

EA8RM 2	288/10/47	943/20/70	1721/29/83	1344/26/82	2186/31/95	2113/32/98
V47T 2	268/13/47	947/20/73	1953/32/91	1868/31/94	2188/32/94	1702/24/82
*V26K	154/9/23	896/17/68	1901/31/96	1616/29/89	2516/32/96	1758/24/84
CR6K 5	533/16/59	1218/25/84	2338/32/99	1846/31/94	2175/29/98	1443/28/86
N5DX	99/16/56	703/18/76	1859/34/110	1274/34/110	1127/28/99	809/24/96

# WORLD SINGLE OPERATOR ASSISTED ALL BAND

P44W	174/15/42	619/23/86	1222/32/112	1069/36/114	1394/33/118	1776/30/114
K5ZD	88/15/51	501/22/87	1446/32/118	1097/38/127	1110/31/121	753/28/110
EA2W	87/14/55	687/26/90	1501/36/124	1201/36/119	1076/37/129	732/37/122
VA2WA	354/15/58	616/21/86	1201/29/105	1043/36/118	1028/29/114	601/29/104
K3WW	42/13/25	369/20/82	1164/29/113	1036/36/118	1111/29/118	685/25/101

# WORLD MULTI-OPERATOR SINGLE TRANSMITTER

P33W	380/21/77	1112/33/112	2283/39/133	2166/38/140	1917/39/142	1755/36/141
ZF1A	251/18/60	836/24/89	2465/36/127	2097/37/127	2126/36/130	1614/31/117
LZ5R	100/24/82	1150/35/119	2515/38/135	2306/38/136	1630/37/141	1172/36/135
PJ4A	185/16/55	282/25/86	2358/38/133	1303/37/124	1404/35/123	1621/34/114
UP2L	261/15/60	1233/32/109		1360/38/130	1280/36/128	961/28/100

# WORLD MULTI-OPERATOR TWO TRANSMITTER

CR3DX	462/18/73	1671/33/107	3377/36/130	2646/38/135	3557/37/139	3068/36/141
PJ4K	198/17/48	1293/27/93	3374/36/128	2678/39/136	3297/36/130	2133/33/119
TKØC	967/20/78	2325/33/108	3471/37/133	2688/37/129	3005/37/140	1776/35/131
W3LPL	107/19/62	1101/28/103	2195/38/129	1758/37/132	1839/35/137	1113/29/116
P44X	65/15/33	754/24/87	1657/32/111	2088/36/119	2524/35/124	1772/32/110

# WORLD MULTI-OPERATOR MULTI-TRANSMITTER

931/21/75	2206/30/102	3453/36/130	3561/38/137	3290/38/139	3267/37/130
816/22/71	1946/29/104	3265/36/130	3439/39/139	2975/37/143	2849/35/128
575/18/66	1450/30/97	3251/33/121	3129/37/125	3533/36/125	2242/32/109
305/14/53	719/32/94	1859/36/118	2900/38/130	3212/38/135	2985/33/122
1385/28/94	2058/32/113	3570/39/142	2777/38/139	2179/38/143	1129/36/132
	931/21/75 816/22/71 575/18/66 305/14/53 1385/28/94	931/21/75         2206/30/102           816/22/71         1946/29/104           575/18/66         1450/30/97           305/14/53         719/32/94           1385/28/94         2058/32/113	931/21/75         2206/30/102         3453/36/130           816/22/71         1946/29/104         3265/36/130           575/18/66         1450/30/97         3251/33/121           305/14/53         719/32/94         1859/36/118           1385/28/94         2058/32/113         3570/39/142	931/21/75         2206/30/102         3453/36/130         3561/38/137           816/22/71         1946/29/104         3265/36/130         3439/39/139           575/18/66         1450/30/97         3251/33/121         3129/37/125           305/14/53         719/32/94         1859/36/118         2900/38/130           1385/28/94         2058/32/113         3570/39/142         2777/38/139	931/21/75         2206/30/102         3453/36/130         3561/38/137         3290/38/139           816/22/71         1946/29/104         3265/36/130         3439/39/139         2975/37/143           575/18/66         1450/30/97         3251/33/121         3129/37/125         3533/36/125           305/14/53         719/32/94         1859/36/118         2900/38/130         3212/38/135           1385/28/94         2058/32/113         3570/39/142         2777/38/139         2179/38/143

# **USA TOP SINGLE OPERATOR ALL BAND**

-						
Station	160	80	40	20	15	10
N5DX	99/16/56	703/18/76	1859/34/110	1274/34/110	1127/28/99	809/24/96
W1KM	85/12/45	704/18/74	1067/26/83	1002/27/92	932/24/86	699/21/76
V2IC	26/10/16	133/22/51	1166/36/92	569/33/93	1252/33/108	536/28/71
NO6T	19/9/10	215/22/41	1173/35/97	811/34/99	962/34/101	662/28/67
N1UR	68/11/34	436/17/66	857/24/87	774/28/95	591/24/91	790/22/86

# USA SINGLE OPERATOR ASSISTED ALL BAND

750/110
155/20/110
685/25/101
487/28/115
699/29/108
251/27/99

# **USA MULTI-OPERATOR SINGLE TRANSMITTER**

K1LZ	161/20/71	899/30/108	2016/37/132	1462/38/140	1195/34/129	984/29/120
KC1XX	93/21/71	838/27/103	1902/36/131	1046/38/135	997/31/125	898/28/120
W2FU	60/16/58	546/26/94	1446/36/120	1141/35/128	999/32/123	724/26/107
K8AZ	50/15/48	343/23/86	1080/35/121	1042/36/125	943/29/120	448/28/106
K9RS	45/15/44	456/22/85	890/33/110	1159/35/127	722/30/123	536/28/106

# **USA MULTI-OPERATOR TWO TRANSMITTER**

N3LPL	107/19/62	1101/28/103	2195/38/129	1758/37/132	1839/35/137	1113/29/116
V4WW	76/14/49	560/25/92	1277/36/128	1103/37/131	1505/34/127	654/30/119
(9CT	65/16/36	507/26/82	1542/36/127	1428/36/129	1316/32/126	541/29/103
V2AA	59/14/41	423/21/87	1360/33/115	1130/33/117	1225/29/121	692/28/102
<2AX	76/14/43	462/21/85	883/29/109	1007/35/123	1066/31/123	826/26/109

# **USA MULTI-OPERATOR MULTI-TRANSMITTER**

K3LR	223/23/70	1229/29/100	2403/38/137	2642/37/144	2076/35/139	1201/30/126
K1TTT	226/19/66	897/26/93	1698/34/115	2044/36/130	1629/31/118	1055/28/116
K1RX	267/14/52	799/24/91	1245/30/109	1947/37/136	1497/32/122	989/29/108
KØRF	71/14/29	311/25/71	1294/35/124	1425/37/125	1213/33/125	686/32/101
N1RR	37/11/21	405/21/80	594/30/110	1102/34/119	1433/29/114	822/27/109

ing PJ4K group with a final tally of 39.6M. In the U.S., Frank, W3LPL's team, has joined the ranks of the Multi-Two competition, placing #4 in the world at 19.4M.

The World Multi-Multi battle was intense this year as the head-to-head battle between CN3A and CR3W continued. The gang at CN3A took top honors this year with an amazing result of 44M, representing over 16,700 QSOs! CR3W

was indeed on their heels but falling just short at 41M. The team at K3LR won the U.S. fight, also placing #6 in the world with 23.7M points.

Our enthusiastic Youth and Explorer groups continued to enjoy their newfound status in the results. While youth activity on CW was relatively low, it continued to grow as word spreads about the availability of awards and other incentives

				Table 2				
Category	AF	AS	EU	NA	OC	SA	ALL	% of Total
SOAB High (A)	6	127	557	689	13	19	1,411	26.8%
SOAB High (U)	7	137	193	249	27	4	617	11.7%
SOAB Low (A)	4	147	645	371	20	39	1,226	23.3%
SOAB Low (U)	9	271	727	402	39	31	1,479	28.1%
SOAB QRP (A)	1	10	49	14	2	2	78	1.5%
SOAB QRP (U)	-	21	88	44	8	5	166	3.1%
Explorer-Multi	-	1	4	1	2	-	8	0.2%
Explorer-Single	-	2	4	4	-	1	11	0.1%
Multi-2	1	5	27	18	2	3	56	1.1%
Multi-Multi	4	8	11	12	4	1	40	0.8%
Multi-Single High	1	18	66	29	3	9	126	2.3%
Multi-Single Low	-	7	34	11	1	1	54	1.0%
ALL	33	754	2,405	1,844	121	115	5,272	100.0%
% by continent	0.6%	14.3%	45.6%	35.0%	2.3%	2.2%	100.0%	
Single band entries not included in analysis								

EF6T (EA3M) .....9,008,166

EB7A .....6,719,692

Table 2 – Entry Category Analysis by Continent for 2022 CQ WW CW

# EUROPE TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
CR6K	533/16/59	1218/25/84	2338/32/99	1846/31/94	2175/29/98	1443/28/86
EF6T	459/12/51	1385/24/77	2065/28/86	1541/31/76	1994/31/89	938/24/60
EB7A	165/11/45	721/19/70	1840/24/82	1493/28/73	1351/25/69	862/23/63
YR8D	251/11/45	1026/21/74	1295/28/81	1598/28/82	1471/32/89	265/24/65
G9W	142/8/37	654/17/67	1315/33/86	1298/31/81	1026/33/95	591/30/80

# EUROPE SINGLE OPERATOR ASSISTED ALL BAND

-						
EA2W	87/14/55	687/26/90	1501/36/124	1201/36/119	1076/37/129	732/37/122
SN7Q	299/18/67	833/32/98	1182/36/119	1016/35/109	1113/36/123	427/36/119
UW1M	109/11/44	635/15/70	2526/35/119	1434/34/117	1120/34/113	820/32/115
II2S	196/15/62	583/27/92	1067/37/126	1039/35/117	589/35/114	526/36/118
HG8R	236/16/62	693/24/86	1441/34/111	1019/33/113	672/33/105	206/33/97

# **EUROPE MULTI-OPERATOR SINGLE TRANSMITTER**

LZ5R	100/24/82	1150/35/119	2515/38/135	2306/38/136	1630/37/141	1172/36/135
OM7M	228/25/85	1051/31/113	2357/39/136	2011/38/137	1370/36/136	946/37/128
TM6M	198/17/70	836/29/103	2356/39/132	2087/38/134	1596/38/138	959/35/129
IR4M	133/18/73	977/34/109	2034/37/128	1790/38/130	1171/36/131	959/37/131
E7DX	237/21/80	708/32/108	2371/37/132	1529/37/133	1904/35/135	752/37/133

# EUROPE MULTI-OPERATOR TWO TRANSMITTER

TKØC	967/20/78	2325/33/108	3471/37/133	2688/37/129	3005/37/140	1776/35/131	
EF2X	411/17/70	1581/31/107	2483/38/127	1863/38/131	2428/38/139	1202/36/127	
ED1R	446/19/76	1321/27/95	2575/36/124	2048/37/131	2217/38/134	1160/34/122	
OL3Z	329/16/62	1601/32/109	2109/38/132	1852/37/120	1131/36/133	813/36/123	
II9P	295/19/68	1326/30/100	2402/36/122	1504/38/110	1809/37/130	1099/35/125	

# EUROPE MULTI-OPERATOR MULTI-TRANSMITTER

9A1A	1385/28/94	2058/32/113	3570/39/142	2777/38/139	2179/38/143	1129/36/132
YT5A	1071/22/81	2204/36/119	3451/39/141	2619/38/133	1998/36/136	1292/37/135
LZ9W DFØHQ	1053/16/72 1010/22/81	1986/34/121 1982/33/116	3755/38/139 3304/37/133 2892/37/138	2588/39/142 2718/39/126 2042/36/138	1302/37/138	1238/36/124 829/36/139

Our enthusiastic Youth and Explorer groups continued to enjoy their newfound status in the results.

# TOP SCORES IN VERY ACTIVE ZONES

Zone 3	G9W (MØDXR)6,439,264
NO6T (KI6RRN	GM5X (GM4YXI)5,227,544
@WA6TQT)5,767,692	
K6XX	Zone 15
K6NA2,228,208	*IY3A (IZ3EYZ)5,079,492
WJ9B1,669,910	OM7K (OM7RU)3,716,190
K6NR1,099,185	9A2AJ3,342,054
	OHØZ (OH6EI)3,143,880
Zone 4	YT3D3,085,780
XL3T (VE3AT)7,468,593	
N2IC5,956,685	Zone 20
W9RE5,346,486	YR8D (YO8TTT)6,494,840
NA8V4,876,106	C4W (5B4WN)5,985,396
WXØB (AD5Q)4,041,994	*YR2X (YO2LEA)986,870
	LZ7J (LZ1CI)940,005
Zone 5	P35A (5B4AQN)756,069
N5DX (@N2QV)11,640,105	
VY2TT (K6LA)9,215,920	Zone 25
W1KM7,496,808	JH4UYB4,296,240
N1UR5,697,900	JF2QNM2,183,103
NR3X (N4YDU)5,681,676	DS4EOI1,969,034
	*JA1BJI1,839,410
Zone 14	*JI1RXQ1,816,920
CR6K (CT1ILT)12,835,488	

\*Low Power



Ben Buettner, DL6RAI (P44X), John Crovelli, W2GD (P44W), and Wolf Klier, OE2VEL (P44X) meeting (I-r) at Linda's Dutch Pancake House in Aruba for break-fast after the 2022 CQ WW CW contest.

Table 3						
Call (Operator)	Continent	Power	Raw QSOs			
ZD7BG	AF	HIGH	1410			
ED8M (EA8DIG)	AF	HIGH	3623			
JI1RXQ	AS	LOW	1601			
9N7AA (S53R)	AS	HIGH	2811			
JS10YN	AS	LOW	1306			
F5SGI	EU	LOW	1207			
OZ8AE	EU	LOW	1103			
YL2VW	EU	HIGH	2132			
OK2MBP	EU	LOW	1854			
DL8ULF	EU	LOW	1129			
DL2NBU	EU	LOW	1690			
EU4E	EU	HIGH	2282			
LY9A	EU	QRP	1819			
HB9ARF	EU	LOW	1615			
LN3C (LB8DC)	EU	HIGH	2226			
KR2Q	NA	QRP	1064			
N2GC	NA	HIGH	1558			
WW4XX (LZ4AX)	NA	LOW	1426			
N2IC	NA	HIGH	3710			
NB1N	NA	HIGH	1432			
K1BX	NA	LOW	2181			
K6NA	NA	HIGH	1664			
K1DG	NA	HIGH	3395			
VA1MM	NA	HIGH	1633			
K4ZW	NA	HIGH	1631			
V85RH (JO1RUR)	OC	HIGH	3060			
WH7T (WH7W)	OC	HIGH	2308			
SOAB Unassisted only						

99+% callsign precision w/>1000 QSOs, listed in order of accuracy

Table 3 – Single Op Accuracy Champions (>1000 QSOs) for the 2022 CQ WW CW Contest

for this important part of our contest community. Congratulations to Kees, WOAAE, for powering his way to a 2.3M youthful World High victory. The innovation of the Explorers is also impressive as this small group of creative contesters demonstrate what can be done with emerging technologies and new approaches to operating.

Lastly, a shoutout goes again to the Frankford Radio Club and Bavarian Contest Club who continued their multiyear domination (7 straight years for FRC and 16 for the BCC) in the U.S. and DX club competitions.

# Spending Time in the CQ WW CW Contest

The overwhelming majority of participants in the CQ WW do not operate a full weekend in the contest. In fact, that's one of the aspects of the event that make it special. Many of you simply operate as time allows, while you go up against different competitor - the demands of weekend life. On average, 13 hours appears to be the magical median number of operating time with over a third of you investing less than 10 hours. There's no doubt that age is also a factor as well. In the end, however, there were 9 "iron men" who operated for the entire 48 hours: HG8R. JH4UYB, N5DX, OL9R, RM5F, UW1M,

Table 4						
Year	# DX Entities Active					
2022	178					
2021	177					
2020	166					
2019	198					
2018	194					
2017	201					
2016	260					
2015	248					
2014	263					

Table 4– Number of Active DX Entities in the 2022 CQ WW CW Contest

Table 5						
Continent	# Logs Received					
EU	20					
AS	8					
NA	5					
OC	3					
SA	1					
ALL	37					

Table 5 – Total Number of Youth Entries Received by Continent in 2022 CQ WW CW Contest V47T, YR8D, and YT7R. For the rest of us, that achievement is a distant memory, if having ever been achieved. Congrats to all, whether you worked 10 or 48 hours. As EA1PJ aptly stated in his soapbox comments, "...even 5 minutes of the CQ WW is worth it!"

# Categories, Categories, Categories

In developing the analysis being reported in Table 2, one conclusion can be made: considerable support remains for both the assisted and unassisted single operator categories. A review of the data shows that 51.6% of all SOAB operators entered the assisted category while 42.9% chose to go without assistance (Note: This data does not reflect single-band entries). It's interesting to report that this split was not the case on SSB, where the Unassisted crowd won that battle. For now, the debate about combining single operators into one assisted/unassisted group will continue.

# This Year's Accuracy Champions

The callsigns identified in Table 3 represent a list you want to be on. Each one of these operators achieved a major contest milestone – greater than 99% callsign accuracy in their submitted logs for the 2022 CQ WW CW Contest. Put another way, if you logged 3000 QSOs, your log had to have less than 30 busted calls to be included. That's a fantastic accomplishment and one that demonstrates why each operator is consistently at the top of their game. Congratulations!

# There's a Lot of DX to Work in the WW!

For reasons that no one fully understands, there has been a drop-off in total country participation in the CQ WW over the past decade. This statistic is in sharp contrast to the number of logs received and total active contest participants, which has steadily grown over the same period. In Table 4, you can see the impact from the COVID pandemic as most operators chose to stay home in 2020. And, while we are steadily coming back, there is a long way to go to reach the heydays of ten years ago. Perhaps, it a combination of economics and our aging population? No matter what, the heartbeat of the WW remains strong when one looks at activity overall.

# The CQ WW Fountain of Youth!

Last year, we introduced a new overlay for the CQ WW, recognizing Youth oper-

ators that were 25 years old or younger. While the numbers are not large, Europe stands out as the leader of the global youth movement on CW (the same was true for SSB as well) as seen in Table 5. Keep spreading the word as we hope this opportunity for our youth continues to take off in future WW contests.

# Some Speedy Operators!

In days gone by, we used to brag about our hard-earned ability to work 100 QSOs in one hour of the CQ WW. It was one of those milestones that made you feel like you've graduated to a new level of operating skill. Now, with the advent of two-radio operating for many single operators, the numbers are now simply off the charts (see Table 6)! It's hard to say whether K3WW's 271 hourly rate or that of V47T (N2NT operator) working 345 QSOs in 60 minutes is the most impressive – one from the US and other from Zone 8. Or, perhaps that of PJ2T, who reigned in 638 contacts in one hour as a multi-multi operation. Regardless of

Table 6								
Category (High)	CALL	Highest Hour	Category (High)	CALL	Highest Hour			
SOAB (A) SOAB (A) SOAB (A) SOAB (A) SOAB (A)	K3WW UW1M P44W ER1KAA EA2W	271 264 259 253 252	SOAB (U) SOAB (U) SOAB (U) SOAB (U) SOAB (U)	V47T CR6K EF6T SOAB (U) N5DX	345 345 321 285 281			
Category (Low)	CALL	Highest Hour	Category (Low)	CALL	Highest Hour			
SOAB (A) SOAB (A) SOAB (A) SOAB (A) SOAB (A)	NY3A OH0V 4X6FR TA7I KP3N	193 187 184 183 182	SOAB (U) SOAB (U) SOAB (U) SOAB (U) SOAB (U)	V26K HC2AO 6Y6N K1BX VP5M	296 247 185 181 178			
Category (QRP)	CALL	Highest Hour	Category (QRP)	CALL	Highest Hour			
SOAB (A) SOAB (A) SOAB (A) SOAB (A) SOAB (A)	PC5Q SF0A IZ8JFL DL1YAW DM2M	84 73 73 72 71	SOAB (U) SOAB (U) SOAB (U) SOAB (U) SOAB (U)	PZ5CO LY9A FG/VE3RSA RZ4AZ OP4F	255 107 81 75 74			
Category	CALL	Highest Total Hour	Category	CALL	Highest Total Hour			
Multi-2 Multi-2 Multi-2 Multi-2 Multi-2	TK0C CR3DX PJ4K HQ9X W3LPL	592 488 426 395 393	Multi-M Multi-M Multi-M Multi-M Multi-M	PJ2T CR3W CN3A M6T 3B8M	638 599 581 549 514			
Category (High)	CALL	Highest Total Hour	Category (Low)	CALL	Highest Total Hour			
MSH MSH MSH MSH MSH	P33W LZ5R ZF1A TM6M E7DX	419 402 390 370 322	MSL MSL MSL MSL MSL	FY5KE 9H6WW WP3C IB9T W4KZ	231 202 189 175 167			

Table 6 - High Hourly QSO Rates for the 2022 CQ WW CW Contest

how you view this data, there is one thing we is obvious – we have some amazing operators in our midst. Rate records for previous years are available on the cqww.com Web site.

# Some Thoughts from Your Director

Well, another CQ WW contest is in the books. As with every year, incremental progress continues to be made in our log

Amateur Rad

Here is the smiling face of Youth operator Pia Wurster, DL7PIA, from her station in southern Germany.

y name is Pia (DL7PIA). I am 16 years old, having passed my Class A amateur radio license in July 2019, at the age of 12 years old. From the very first moment, I was fascinated and enchanted by amateur radio's exciting way of communications and the wide range of possibilities it offers (e.g., portable operations, different modes, building your own antennas, contests, etc.). Just a few months before the CQ WW CW Contest I decided to learn the Morse code, and immediately fell in love with CW from the very first moment. All this would not be possible without my great and very helpful friend, Mitch, KH6M. I would like to take this opportunity to thank Mitch for all of his help and support!!

In recent years I participated in some SSB contests. Now I was really excited and ready to experience how a CW contest would compare to one on SSB. In particular, I was curious if anyone would even be able to copy my call because I was working with only with a 100-watt Yaesu FT-991A and homemade wire loop and dipole antennas.

I started the big adventure in the 2022 CQ WW CW during the last weekend in November and it was incredible! My goal was to gain experience, to improve my CW skills, find out what's possible with a Morse key, an FT-991A and home-made wire antennas, work new and rare countries, and above all, to have fun. It was really amazing how many stations were QRV during this weekend. In fact, one can call it DXers paradise!

checking capabilities although we are a long way from sim-

ply pushing a button to pop out the results. Our post-contest

SDR recording capabilities have grown to the point that we can find and listen to virtually any QSO in the contest. Log

checking software continues to advance, resulting in our abil-

ity to crosscheck nearly 94% of all submitted QSOs in the

contest. A significant number beyond that can be verified with

I really enjoyed the contest and had many nice and special QSOs with radio amateurs from the Turks and Caicos Islands, Greenland, Norfolk Island, Grenada, Guam, New Zealand, Australia, and Bahamas, to name just a few. I want to thank all of the stations who answered my calls. It was great to have a CW QSO with you! There is no comparable feeling like the moment when a station copies your call sign through a big pile-up or working a rare DX-station with simple homemade antennas.

I'm grateful to be a part of the big world of amateur radio and I'm looking forward to many more unforgettable QSOs with all of you!

# 73 & 88 de Pia, DL7PIA

y name is Leonardo (more commonly known as Léo) and I live in the city of Poá, Brazil, where I received the callsign, PY2POA, to honor my city and the former owner. I'm 16 years old and am passionate about DXing and even more with contests. When I participated in my first contest, I thought it was really cool, and since then I haven't slowed down. When I finally participated in my first CQWW, I thought it was fantastic because of the large number of operators from all over the world, making QSOs with several new countries. I really enjoy the CQ WW, which in my opinion has been getting better every year. The CQ WW has always been good to me because I always work at least one new country! A big thank you to all the organizers for your hard work!!

73, Léo, PY2POA



Remember your first WW? This is Leo Silva, PY2POA. celebrating his initial entry as a Youth operator in the 2022 CQ WW CW contest.



# Youthful Experiences in the CQ WW

databases and other methods. As a participant, you can feel good that the final results, while not perfect, are an accurate reflection of what really happened in the contest.

We continue to experience sadness in our ranks as more of ham radio's giants leave us. You'll recall from last month, that I reported the loss of our beloved friend, Fred Laun, K3ZO. Sadly, this month, I am sharing the loss of another giant, Rod Linkous, W7OM. We'll miss both of them, but will equally cherish the memories and experi-



Keep an eye on this 12-year-old Youth operator, Ryan Morrison, El8KW. Ryan worked over 500 QSOs in the 2022 CW event with many more CQ WW contests in his future!

ello from Ireland. I am Ryan, EI8KW, and am 12 years old. I first became aware of the Morse code after visiting the Titanic Museum in Belfast, Ireland. I especially became interested in the Morse code used in the Titanic's SOS distress call. It was at that moment that I decided to learn CW and later took the required examinations, which brought me into the world of amateur radio. After passing the Morse test, I discovered that I also needed to pass a theory test to obtain a valid license. After a lot of time studying basic radio principles, I passed the theory test and received my callsign, EI8KW, in August, 2020. Almost immediately, I purchased an IC-7300 and some wire and went live for the first time. My signal was not very strong, so I mainly operated on CW.

Soon after, I started listening to the contests on weekends and began operating in them. I found all of the activity and the loud signals on the bands to be really exciting. My current strategy is to mainly operate and give out as many points as possible with the big contest stations usually being able to pull me in. I love the energy on the bands during the big contests like the CQ WW CW and especially enjoy listening to the really good operators running large pileups.

When operating in the big contests I don't really have any other strategy except to operate for as much time as possible and contact anyone that can hear me. I mainly search and pounce around the bands as I don't work as many by calling CQ. At the end of the CQ WW, it's amazing to see the signals disappear and bands go quiet; it's all over until next year.

I always send in my log to the contest organizers so everyone's QSOs with me can be verified. In addition, I upload to LoTW and most of the other electronic platforms as well as sending my log into super check partial (ed—is this how you were thinking when you were 12 years old?).

I hope to meet you in the next contest.

73, Ryan, El8KW



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# **CLUB SCORES**

# UNITED STATES

Club	# Entrants	Score
FRANKFORD RADIO CLUB		
YANKEE CLIPPER CONTEST CLUB		
	233	217 062 987
	160	04 265 104
NORTHERN CALIFORNIA CONTEST CLUB		
ARIZONA OUTLAWS CONTEST CLUB	73	69,544,228
FLORIDA CONTEST GROUP		67,304,129
MINNESOTA WIRELESS ASSN		51,607,635
SOUTHERN CALIFORNIA CONTEST CLUB		
NORTH COAST CONTESTERS	10	49 131 846
		26 107 650
CENTRAL TEXAS DX AND CONTEST CLOB		
SOUTH EAST CONTEST CLUB		
TENNESSEE CONTEST GROUP		
WILLAMETTE VALLEY DX CLUB	63	
BAY AREA DXERS		
GRAND MESA CONTESTERS OF COLOBADO	42	25 221 760
	12	22 120 269
ALABAMA CONTEST GROUP		19,525,472
HUDSON VALLEY CONTESTERS AND DXERS	40	
SWAMP FOX CONTEST GROUP		
WESTERN WASHINGTON DX CLUB		
MAD BIVEB BADIO CI UB	25	14 725 723
	IETV 26	12 674 902
NORTHEAST MARTEAND AMATEON RADIO CONTEST SOC	۱۲۱۱۲۰۰۲ م	
	4	
KENTUCKY CONTEST GROUP	21	11,876,461
NIAGARA FRONTIER RADIOSPORT		9,671,262
CAROLINA DX ASSOCIATION		
ABKANSAS DX ASSOCIATION	14	7 765 047
	10	7 500 705
	10	
TEXAS DX SOCIETY		6,675,695
BIG SKY CONTESTERS	10	6,169,400
KANSAS CITY CONTEST CLUB		4,905,728
NORTHEAST WISCONSIN DX ASSN	5	
SPOKANE DX ASSOCIATION	22	3 936 381
	10	2 021 029
HILLTOP TRANSMITTING ASSN	4	2,694,568
ORDER OF BOILED OWLS OF NEW YORK	7	2,513,564
MISSISSIPPI VALLEY DX/CONTEST CLUB	7	2,273,617
CWOPS	4	
MOTHER LODE DX/CONTEST CLUB	15	1 893 506
	7	1 070 004
		1,070,004
SOUTH JERSEY RADIO ASSOCIATION	9	1,823,457
ROCHESTER (NY) DX ASSN	14	1,816,436
BRISTOL (TN/VA) ARC	12	1,680,749
DAYTON AMATEUR RADIO ASSOCIATION	5	1,540,543
CENTRAL VIRGINIA CONTEST CLUB	4	1 492 692
	6	1 025 000
	0	1,235,690
PORTAGE COUNTY AMATEUR RADIO SERVICE	9	1,012,474
NEW PROVIDENCE ARC	7	964,925
HEARTLAND DX ASSOCIATION	8	
REDWOOD EMPIRE DX ASSOCIATION		
FORT WAYNE BADIO CI LIB	5	827 978
	б Б	707.016
NORTHERN ARIZONA DX ASSN	8	
NORTH FULTON AMATEUR RADIO LEAGUE	6	
KANSAS CITY DX CLUB	4	574,571
SKYVIEW RADIO SOCIETY		
METRO DX CLUB	10	420 431
		202 507
	0	
BOLINGBROOK ARS	4	
ALEXANDRIA RADIO CLUB	4	
HILL COUNTRY AMATEUR RADIO CLUB	9	
HAMILTON AMATEUR RADIO CLUB	7	
STERLING PARK AMATEUR RADIO CI UB	7	247 804
	Λ	017 004
	4	
PORT LAVACA AMATEUR RADIO CLUB	4	
OH-KY-IN ARS	6	
PANHANDLE AMATEUR RADIO CLUB	4	
GREAT PLACES CONTEST CLUB	4	92 249
	۵	70 541
	4	
PHIL-MONT MOBILE RADIO CLUB	5	
LAKE AREA RADIO KLUB (SD)	4	21,118
	4	15.059

DX

Club	# Entrants	Score
BAVARIAN CONTEST CLUB		
ITALIAN CONTEST CLUB		
EA CONTEST CLUB	107	
RHEIN RUHR DX ASSOCIATION	149	141,531,863
CONTEST CLUB ONTARIO		
CROATIAN CONTEST CLUB		92,565,865
ARAUCARIA DX GROUP	61	79,838,022
CLIPPERTON DX CLUB		
CONTEST CLUB SERBIA		62,517,271
BALTIC CONTEST CLUB		62,150,183
RUSSIAN CONTEST CLUB		57,101,556
LU CONTEST GROUP		
CONTEST CLUB FINLAND	54	51,629,274
HA-DX-CLUB		
BELOKRANJEC CONTEST CLUB	14	

Club	# Entrants	Score	
UKRAINIAN CONTEST CLUB			
VK CONTEST CLUB			
RIO DX GROUP			
LA CONTEST CLUB	12	32 054 938	
SP DX CLUB	92	28 008 188	
	15	25 031 154	
	20	21 00/ 87/	
	20	21,002,001	
	10	21 527 206	
WORLD WIDE YOUNG CONTESTERS	9		
ORCA DX AND CONTEST CLUB			
THREE A'S CONTEST GROUP	······//		
NICOSIA CONTEST GROUP	4		
DANISH DX GROUP		15,019,936	
CONTEST CLUB BELGIUM		14,856,943	
CZECH CONTEST CLUB	24	14,794,284	
INTEREST GROUP RTTY *			
LATVIAN CONTEST CLUB		13,145,478	
GMDX GROUP	19	11,284,867	
NORFOLK AMATEUR RADIO CLUB	9	11,007,218	
CE CONTEST GROUP			
RADIO AMATEUR ASSOCIATION OF WESTERN GREECE	7		
CHILTERN DX CLUB			
BELARUS CONTEST CLUB			
599 CONTEST CLUB			
JSFC	5		
ARIPA DX TEAM	7		
BOSNIA AND HERZEGOVINA CONTEST CLUB	4	8.262 098	
RTTY CONTESTERS OF JAPAN		8 007 207	
EUROPEAN DX CONTEST CLUB *	7	7 738 784	
SAUDI CONTEST GROUP	5	7 466 336	
VU CONTEST GBOUP		7 200,030	
	10		
		0,172,073	
		5,930,724	
		5,923,421	
SOUTHERN OSAKA CONTEST CLUB			
WEST SERBIA CONTEST CLUB			
GUNMA CONTEST CLUB		4,914,693	
THRACIAN ROSE CLUB		4,740,586	
COCKENZIE AND PORT SETON ARC	5	4,738,469	
OKAYAMA DX CLUB	10	4,635,904	
ASSOCIACAO DOS RADIOAMADORES DO PARANA		4,561,812	
CABREUVADX		4,530,882	
RADIOCLUBUL RADU BRATU	7	4,493,338	
CSTA SUCEAVA	4	4,382,462	
TRAC	6	4,307,555	
ORARI LOKAL BEKASI	4	4,171,374	
MEDITERRANEO DX CLUB	8	4,026,700	
VRHNIKA CONTESTERS			
THAILAND DX ASSOCIATION	6		
RSGB CONTEST CLUB			
RADIOSPORT MANITOBA	6		
TRAC TRABZON	5		
ISBAEL AMATEUR BADIO CLUB	6	3 567 653	
5NNDXCC	39	3 560 390	
VEBON 463 ERIESE WOUDEN	6	3 097 348	
	л	2 206 202	
COA STEALIA		2,000,303	
	4 6	2,710,200	
	00	2,031,000	
	9	2,525,496	
	δ Γ		
	5		
		2,410,752	
ESSEX GW AMATEUR RADIO CLUB	5	2,343,038	
	7	2,299,051	
STOCKPORT RADIO SOCIETY	6	2,236,432	
HADIO CLUB KVARNER RIJEKA		2,192,490	
CSM CRAIOVA	8	2,118,646	
SK6AW HISINGENS RADIOKLUBB	9	2,032,530	
ALBERTA CLIPPERS	4	2,026,366	
SHARKS DX TEAM	5	2,025,118	
CSU PITESTI	5	1,955,144	
SASKATCHEWAN CONTEST CLUB	9	1,912,393	
S51DSW	6	1,889,035	
UNIVERSITY OF TOKYO CONTEST CLUB	7	1,888,169	
ADMIRA ARAD	7	1,850,236	
IVANOVO DX CLUB	6	1,750,996	
599 DX GROUP	8	1,700,679	
ESPIRITO SANTO CONTEST GROUP	7		
SK0QO SODERTORNS RADIOAMATORER	4		
KEYMEN'S CLUB OF JAPAN			
NORFOLK COAST AMATEUR RADIO SOCIETY	4		
SK6DG RADIOCLUB VASA	4	1.505 733	
CDB GBOUP	30	1 405 306	
UNION FRANCAISE DES TELEGRAPHISTES	<u>م</u>	1 271 210	
JAPAN LID CLUB	1	1 271 220	
SPANDALL DYERS		1 204 000	
		1,024,906	
	5		
	9	1,296,323	
		1,290,593	
NAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB		1,275,562	
SP-CW-C	8	1,273,894	
LA2T TRONDHEIMSGRUPPEN AV NRRL	4	1,193,199	
RIIHIMAEN KOLMOSET	6	1,180,809	
Club	# Entrants	9	Score
---	------------	------	----------------
RAAC CYCLADES DX CLUB	7.		2,451
PHILIPPINE AMATEUR RADIO LEAGUE	9 6	1,13	0,539
AMSTERDAM DX CLUB			5.551
YB LAND DX CLUB			0,954
GRUPO ARGENTINO DE CW	4		3,013
			9,749
7A DX-CONTEST CLUB			4,834
CW QRS TELEGRAM GROUP	4		0,340
	9 7		0,490
KING'S LYNN AMATEUR BADIO CLUB		86	8,899 2 915
ARABIAN GULF DX GROUP	4.		1,428
SHARP HAM CLUB	9.	80	7,581
GPDX-PORTUGUESE DX GROUP	4		4,481
DX101 CONTEST CLUB			6.236
NEWBURY & DISTRICT ARS	4	75	1,680
JAPAN CONTESTER'S CLUB	5		5,582
SWINDON & DISTRICT AMATEUR RADIO CLUB	6 6		8,438 0 189
UNIO DE RADIOAFECCIONATS DEL VALLES ORIENTAL	6.		5,147
YYP CLUB	5.	70	5,952
RADIO CLUB VENEZOLANO	5		2,508
BRISTOL CONTEST GROUP	r4 5		1,150 5 804
ARKTIKA	6.	60	6,225
E74FRS	9.		8,419
	8 6		3,619
LITTLE GUN CLUB			3,300 8.967
CWSP	7.		3,429
FALCONS DX GROUP	16.		4,849
CLUB RADIOAMATEUR VE2CWQ	5 5	40	1,265
LKK LVIV SHORTWAVE CLUB	5.		5.810
S53EOP	4.		1,667
CS SILVER FOX DEVA	6		7,887
SK5AA VASTERAS RADIOKLUBB	5 4		6,351 7.630
HALIFAX AMATEUR RADIO CLUB	4.		4,393
TALL TREES CONTEST GROUP	5		9,784
	7		9,554
CSU BRASOV	4 6		3,979 8 719
SP9PBB	13.		8,274
CHILEAN PACIFIC DX GROUP	9		2,880
PETERBOROUGH AMATEUR RADIO CLUB	4 6		7,715
LOMA DEL TORO DX CLUB	4.		7,618
JUST FOR FUN CONTEST CLUB	6		2,921
ORARI LOKAL BOGOR	10.		9,645
CWJF GROUP	6 .4		8,201 7.243
GERMAN DX FOUNDATION	5.		2,951
LA-DX-GROUP	4		7,243
	12 5		0,665 0 804
ALRS ST PETERSBURG	5.		8,964
ORARI LOKAL KEDIRI		16	8,512
RADIO CLUB DE COSTA RICA	4 4		4,816
BAKTBAD			1.394
RU-QRP CLUB	4.		8,226
KOREA CONTEST CLUB	4		6,983
GRUPO DXXE	5 5		1,495 1.054
LA4O	6.		8,854
RADIOCLUBUL QSO BANAT TIMISOARA	4	12	8,659
HEREFORD AMATEUR RADIO SOCIETY	4 4		7,869
CSA STEAUA BUCURESTI	4.		9,481
CLUB DE RADIO EXPERIMENTADORES DE OCCIDENTE	6		5,312
LOMZA AND DISTRICT RADIO SOCIETY CONTEST GROUP.	5	10	1,706
CMDXGROUP			4,870 3,313
RADIOFAROL DX GROUP			2,940
SHIJIAZHUANG AMATEUR RADIO CLUB	4	8	3,966
	11 1		0,588 9,699
ORARI LOKAL BLITAR			8,152
THE AKITA DX ASSOCIATION	5.	6	7,949
ECHELFORD ARS	6.	6	2,118
TORBAY ARS	5 4		0,981 8,265
VLADIMIR CONTEST GROUP			4,229
A1CLUB	6.	5	1,834
HADIO CLUB DE PANAMA	4. F		7,693
WEST BORNEO DX CLUB	6.		7,508
CHIANGRAI DX & CONTEST GROUP	4		4,965
OLDHOUSERADIOCLUB	4.		507

Club scores with 4 or more entries.

\* This club does not meet eligibility rules.

# Stories from our CQ WW Explorers

### A Bahamas Adventure, by Gregg Marco, W6IZT

The availability of the Explorer category proved to be a perfect match for the goals of our C6AGU operation. The team was operating from an uninhabited island in classic DXpedition style. There was no hotel withing 100 miles of our location.

Operating via remote access from our boat, we utilized RIB (radio-in-a-box) hardware. The RIB configuration, developed by George, AA7JV, and funded by the NCDXF, was comprised of a Flex 6700 transceiver, operating with 100 watts. The antenna was an N6BT V8 vertical fed through an automatic L-network tuner mounted to the base of the antenna, placed a few feet above the high tide line. Power was supplied by a solar array and batteries. George, AA7JV, and Mike, KN4EEI, set up the station a few weeks before the contest, which remained in place and in use from our unmanned location until early January 2023.

Deployment of the station involved using a landing craft that carried two RIBs, a generator and fuel. We also transported the UHF IP-link needed to connect the RIBs to the boat. A short video on how we deployed the RIBs on the island can be found here: <https://www.dropbox.com/s/ 7dge5250hljq743/RIBlandingCraft.mp4?dl=0>.

Remote access was accomplished using AnyDesk remote desktop software.Receive audio (with sidetone) was available using SonoBus. Our contest logging software was N1MM+, which also delivered CW keying. The internet connection utilized StarLink, much like what was accomplished in the recent Bouvet DXpedition.

Operating this station remotely during a contest was a joy, easily exceeding our expectations. The Codec in Sonobus provided outstanding audio quality. Jitter, or variations in network latency can be problematic over satellite or cellular connections. The ability to manually control buffer depth in Sonobus was key to realizing an optimal user experience.

In the end, we had a blast, and were very pleased with the results. A huge thank-you goes out to the NCDXF and George, AA7JV, for making this possible.

### **Exploring from ZL3!**

The ZL3X (Quake Contesters) team proudly entered the Explorer category in the 2022 CQ WW CW Contest. Normally we would have been operating as a Multi-2 from my QTH (ZL3PAH), but this year one of our ops, Geoff, ZL3GA, had COVID in their household. Given my daughter was getting married shortly afterwards, we did not feel comfortable host-ing our usual operating team together in one shack. The Explorer category was the perfect solution! Mark, ZL3AB, and I operated from my Motueka, Tasman shack while Geoff, ZL3GA, operated from his home QTH in Christchurch.

We used a K3 & K3S alongside SPE-1K and SPE-1K5 amplifiers. Our antennas were a 40-10m 2/3-El Ultrabeam at 18 meters, plus a 5-element 15-meter beam, 15 meters in the sky. We also used home-built band pass filters between transceivers and linears to allow multiband operation with very little interference on each band. Utilizing N1MM+ connected over the Internet, we could easily view how each station was doing and make strategic operating decisions on the fly.

Exploring may not be for everyone, but it sure worked for us!

73, Phil, ZL3PAH/ZL3P

## A Tribute to Rod Linkous, W7OM BY TOM OWENS, K7RI



Rod Linkous, W7OM, at home in one of his favorite places; the ham radio shack!

November 30, 2022. Indeed, Rod's passing shortly after his 88th birthday was a very sad day. A hearty amen to all the nice things that have been said about Rod and his accomplishments in ham radio.

Rod was real gentleman. In all my years of knowing Rod, I never heard him say a disparaging word about anyone. Rod received his first license in 1949 when he was 15 years old – W7KIM – the beginning of a passion for ham radio that he enjoyed for the rest of his life. Rod's first station was a set of ARC-5 aircraft radios and simple wires in trees. Years later, he became W7YBX and finally, W7OM, in 1977.

Rod entered the US Air Force aviation cadet program after high school, having already received his pilot's license. He opted to attend airborne radio/radar school with his first assignment being an airborne operator at an airbase in Japan. Many years later, in 1979, an Air Force posting took him to his first stop at the Pentagon. In 1961 he was also hired by Boeing on their aerospace program, which required a lot of traveling in the mid-1970s and beyond – both nationally and internationally. Many trips to the Washington, DC area ensured where, in his spare time, he made lifelong amateur radio friends. Rod retired from Boeing in 1993. In addition, after a distinguished 41-year career, Rod retired from the Air Force in late 1994, having attained the rank of Major General.

During his first week at the University of Washington in 1958 Rod met Donna, his Scottish lass, who survives him. They were married in 1960 and in 1963 bought their home in West Seattle. A year later there was a 60-foot tower and a tri-bander in the backyard. Over the years the antenna farm varied and grew to its present state: three slopers on 80and 160-meters and a SteppIRDB-18E at 60 feet. All in all, he enjoyed good coverage for 40 through 6 meters – neatly snuggled on a 50x128-foot city lot. Oh, did I forget? Rod received an Electrical Engineering degree from the UW in 1961. Most of his contesting and DX chasing from the West Seattle QTH was low power out of respect for his neighbors.

For around five years, during the 1970s, Rod was an Assistant DX Editor for *CQ* magazine. And, over the years he authored several articles that were available in various amateur radio publications on topics that were of interest to fellow amateurs around the world.

Rod's operating numbers are right at the top of the standings in all categories, including DXCC totals of 373/Mixed, 370/Phone and 350/CW as well as CQ's elusive 5BWAZ achievement. The shack is adorned with several plaques for first-place, low power entries in QSO parties and other operating events. In addition, several Air Force plaques and awards which commemorate his service to our country.

In summary, Rod was a quiet, unassuming but excellent enabler. His drive and enthusiasm were responsible for many positive results. In addition to being an effective mentor and willingness to share his wisdom and time with others, Rod was the dynamic force that made many things successful. Mentioning two will have to suffice:

### • The Western Washington DX Club (WWDXC) – the early years

In the early 1950s Rod became the Club President and served in that role for many terms. Under his guidance, membership grew from 31 members to several hundred. Three major factors facilitated the growth: (1) a chain of buffet restaurants with free meeting rooms; (2) dinner meetings raffles, which financed the club for many years without the need for dues; and (3) excellent programs on topics of interest at each meeting, which was a magnet for attendance. Interest in DX and contesting thrived, and the club became known worldwide for its Totem Tabloid publication, The Washington Totem Award (still sought after by amateurs worldwide all these years), and the club's excellent contest.

### • Monthly Lunch Meetings

With the demise of many buffet restaurants, it became significantly more difficult to find cost-effective venues that could accommodate 100+ people for dinner meetings. Membership fell considerably, as has dinner meeting attendance. Accordingly, Rod was instrumental in establishing monthly lunch meetings which continue to this day, providing a needed boost to the club.

Thank you, Rod. There is no doubt that you will be greatly missed by all who knew you in the hobby and outside of radio as well. You were one of a kind!



What a fantastic set-up at the Multi-2 2022 CQ WW CW operation of VA2UR, manned by station owner, Guy Lemieux, VE2BWL, and Don Girard, VE2IR!

ences of getting to know these outstanding contributors to our hobby and the world at large.

One final note of encouragement. As sophisticated as our stations are becoming, nothing beats what you can process between your two ears. We see many logs containing calls based on what the spotting computers are reporting as opposed to the actual stations being worked. Embracing the longstanding strategy of "trust but verify" what you see on the screen as an assisted operator will always result in a higher final score.

### Without Further Ado...

This is my second and final opportunity this year to recognize the individuals who do the real work behind the scenes for the CQ WW contest. Without these dedicated volunteers, we would have no contest. It's my honor to acknowledge the following members who made it happen this time around: Bud Trench, AA3B; CT1BOH, José Nunes; EA4KD, Pedro Vadillo; ES5TV, Tonno Vahk; F6BEE, Jacques Saget; GOMTN, Lee Volante; IK2QEI, Stefano Brioschi; JH5GHM, Katsuhiro (Don) Kondou; K1DG, Doug Grant; K1EA, Ken Wolff; K3LR, Tim Duffy; K3WW, Charles Fulp; K3ZO, Alfred A. (Fred) Laun, III; K5ZD, Randy Thompson; KR2Q, Doug Zwiebel;

LA6VQ, Frode Igland; OH6LI, Jukka Klemola; PA3AAV, Gert Meinen; RA3AUU, Igor (Harry) Booklan; S50A, Tine Brajnik; S50XX, Kristjan Kodermac; UA9CDC, Igor Sokolov; VE3EJ, John Sluymer; VK2IA, Bernd Laenger; YO3JR, Andrei (Andy) Ruse. And finally, if current band conditions are any indicator, this fall contest season bodes for an amazing set of CQ WW contests. Amazingly, it's only five months away. See you in October and November 2023! 73, John, K1AR

(Scores on page 95)



### Announcing:

# The 2023 CQ World Wide VHF Contest

Starts: 1800 UTC Saturday, July 15, 2023 Ends: 2100 UTC Sunday, July 16, 2023

### **IMPORTANT NOTE:** Paper logs are no longer accepted, see Section XII

### I. Contest Period

27 hours for all stations, all categories. Operate any portion of the contest period you wish. (Note: Exception for QRP Hilltopper.)

### II. Objectives

The objectives of this contest are for amateurs around the world to contact as many amateurs as possible in the contest period, to promote VHF, to allow VHF operators the opportunity to experience the enhanced propagation available at this time of year, and for interested amateurs to collect VHF Maidenhead grid locators for award credits.

### III. Bands

All amateur radio frequencies on 50 MHz (6 meters) and 144 MHz (2 meters) may be used as authorized by local law and license class. Note exceptions in Rule XI for common repeater frequencies and 146.52 MHz.

### IV. QSO Alerting Assistance

Definition: The use of any technology or other source that provides callsign or multiplier identification along with frequency information about a signal to the operator. This includes, but is not limited to, use of DX Cluster, packet, local, or remote callsign and frequency decoding technology (e.g., CW Skimmer or Reverse Beacon Network), or operating arrangements involving other individuals.

1. All stations are allowed to use QSO Alerting Assistance. No self-spotting or asking to be spotted is allowed.

2. Stations attempting digital EME or digital meteor-scatter QSOs are allowed to spot the callsign, frequency, and sequence only. Caution: To ensure strict compliance with these rules, the adjudication process will include review of real-time and archived transcripts from websites used to coordinate alerting data during the contest period.

3. The use of non-amateur means to effect a QSO is not allowed. This includes use of the telephone, and website posts providing information beyond that of callsign, frequency, and sequence.

4. Rovers may use APRS to announce their location.

### V. Categories of Competition

For all categories (except Rover): Transmitters and receivers must be located within a 500-meter diameter circle or within the property limits of the station licensee's address, whichever is greater.

1. Single Operator—All Band. Only one signal allowed at any one time; the operator may change bands at any time.

2. Single Operator—Single Band. Only one signal allowed at any one time.

3. Single-Operator All-Band QRP. There are no location restrictions — home or portable — for stations running 10 watts output or less.

4. Hilltopper. This is a single-op QRP portable category for an

all-band entry limited in time to a maximum of 6 continuous hours. Backpackers and portables who do not want to devote resources and time to the full contest period are encouraged to participate, especially to activate rare grids. Any power source is acceptable.

5. Rover. A Rover station is one manned by no more than two operators, travels to more than one grid location, and signs "Rover" or "/R" with no more than one callsign.

6. Multi-Op. A multi-op station is one with two or more operators and may operate 6 and 2 meters simultaneously with only one signal per band.

Stations in any category, except Rover and QRP Hilltopper, may operate from any single location, home, or portable.

### **VI. Exchange**

Callsign and Maidenhead grid locator (4 characters, e.g., EM15). Signal reports are not required and should not be included in the log entry.

### **VII.** Multipliers

The multiplier is the number of different grid locators worked per band. A grid locator is counted once per band. Exception: The rover who moves into a new grid locator may count the same grid locator more than once per band as long as the rover is himself or herself in a new grid locator location. Such change in location must be clearly indicated in the rover's log.

1. A rover station becomes a new QSO to the stations working him or her when that rover changes grid locator.

2. The grid locator is the four-character Maidenhead grid (e.g. EM15).

### **VIII. Scoring**

One (1) point per QSO on 50 MHz and two (2) points per QSO on 144 MHz. Allowed modes are "PH" (SSB, AM, FM), "CW" and "DG" ("digital" modes such as FT8, FT4, and MSK144). Entrants are requested to stop using "RY" or "PH" for QSOs made using "digital" modes. Work stations once per band, regardless of mode. Multiply total QSO points times total number of grid locators (GL) worked.

Rovers: For each new grid locator visited, contacts and grid locators count as new. Final Rover score is the sum of contact points made from each grid locator times the sum of all grid locators worked from all grids visited.

Example 1. K1GX works stations as follows:

50 QSOs (50 x 1 = 50) and 25 GLs (25 multipliers) on 50 MHz

35 QSOs (35 x 2 = 70) and 8 GLs (8 multipliers) on 144 MHz K1GX has 120 QSO points (50 + 70 = 120) x 33 multipliers (25 + 8 = 33) = 3,960 total points.

Example 2. W9FS/R works stations as follows:

From EN52: 50 QSOs (50 x 1 = 50) and 25 GLs (25 multipliers) on 50 MHz

From EN52: 40 QSOs (40 x 2 = 80) and 10 GLs (10 multipliers) on 144 MHz

From EN51: 60 QSOs ( $60 \times 1 = 60$ ) and 30 GLs (30 multipliers) on 50 MHz

From EN51: 20 QSOs ( $20 \times 2 = 40$ ) and 5 GLs (5 multipliers) on 144 MHz

W9FS/R has 230 QSO points  $(50 + 80 + 60 + 40) \times 70$  multipliers (25 + 10 + 30 + 5) = 16,100 total points

#### IX. Awards

Electronic certificates will be made available for download for everyone who submits an entry.

Geographic areas include states (U.S.), provinces (Canada), and countries, and may also be extended to include other subdivisions as justified by competitive entries. U.S. Rover certificates are issued on a regional basis.

Plaques will be awarded to the highest scoring stations where sponsored. They are offered in various categories on a sponsored basis. Clubs and individual plaque donors are sought and may find information on how to sponsor a CQWW VHF Contest plaque at <www.cqwwvhf.com/plaques.htm>.

#### X. Club Competition

The club score is the total aggregate score from logs submitted by members. There are two separate club competition categories.

1. USA Clubs: Participation is limited to club members residing within a 250mile radius circle from the center of club area.

2. DX Clubs: Participation is limited to club members residing within EITHER the DXCC country where the club is located OR within a 400-kilometer radius circle from the center of club.

General club rules:

1. National organizations (e.g., JARL, REF, or DARC) are not eligible for the club competition.

2. Spell out the full name of the club. See examples of active club names at <https:// cqww-vhf.com/clubnames.htm>.

3. Single-operator entries may only contribute to one club. Multi-operator scores may be allocated to multiple clubs as a percentage of the number of club members participating in the operation. The log entry must spell out the full club name (and club allocations if multi-op).

4. A minimum of three logs must be received for a club to be listed in the results. Checklog entries are not counted for the club score.

#### XI. Miscellaneous

An operator may sign only one callsign during the contest. This means that an operator cannot generate QSOs by first signing his callsign, then signing his daughter's callsign, even though both callsigns are assigned to the same location.

A station located exactly on a dividing line of a grid locator must choose only one grid locator from which to operate for exchange purposes.

A rover cannot give out a different multiplier without moving the complete station at least 100 meters.

Making or soliciting QSOs on the national simplex frequency, 146.52 MHz, or your country's designated national simplex frequency, or immediately adjacent guard frequencies, is prohibited. Use of commonly recognized repeater frequencies is prohibited. Recognized FM simplex frequencies such as 146.49, .55, and .58, and localoption simplex channels may be used for contest purposes.

Aeronautical mobile contacts do not count.

Contestants should respect use of the DX window, 50.100-50.125 MHz, for intercontinental QSOs only. UTC is the required logging time.

#### XII. Log Submissions

Log entries must be submitted by July 26, 2023 to be eligible for awards.

The CABRILLO file format is the standard for logs. See <cqwwvhf.com/ cabrillo.htm> for detailed instructions on filling out the CABRILLO file header. Note: U.S. stations must indicate the station location in the CABRILLO header (e.g., LOCATION: OH).

Web upload of Cabrillo log files is the only method of log submission. Web upload is available at <cqww-vhf.com/ logcheck>.

An ADIF Converter is provided for convenience and, at present, is suitable only for FIXED station logs (sorry Rovers). It is available at <https://cqwwvhf.com/adif/>.

Entry Confirmation: All logs received will be confirmed via email. A listing of logs received can be viewed at <https://cqwwvhf.com/logs\_received.htm>.

#### XIII. Declaration

Your submission of a log entry affirms that: (1) you have abided by all the rules of the contest as well as those of your country's licensing authority; (2) you accept any decisions made regarding your entry by the contest's adjudication process which are official and final.

#### Message from the Director

Thank you all for your interest and participation. Let's hope for some good propagation conditions on the 50- and 144-MHz bands during this coming July. And don't let your computer make all of your contacts. Remember that microphones and keys can also be used and such use is encouraged.

Please check for last-minute updates at <a href="https://www.cqww-vhf.com/rules.htm">https://www.cqww-vhf.com/rules.htm</a>.



Mobile Antenna

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# emergency communications

BY JOHN FERGUSON,\* K3PFW

# Whatcha Gonna Do When the Lights Go Out?

ex·pe·di·ent: something done or used to achieve a particular end, usually quickly or temporarily.

ams, by their very nature, are creative and adaptive folks, no more so than when things have proverbially "just left for Hades in a wicker basket." The gust front from the thunderstorm that is now giving you about two inches of rain an hour, and just took out your antennas, has effectively taken you off the air. Oh, and the electricity is out too. Now what are you going to do for power? You now need that "expedient" solution to get back on the air for the Skywarn Net. Have you thought about this possibility?

We hams should be ready to serve our neighbors and communities in times of disaster. That means we need to do the "what ifs" and figure out solutions ahead of time. Yes, plan for the unthinkable and then you won't have to think when it happens! Make a plan, test the plan, and then work the plan when the time comes. Stockpile the necessities to get you



Photo A. Back on the air again ... wire ground plane on PVC conduit

\* 20116 Donovans Rd. Georgetown, DE 19947 Email: <K3PFW@cq-amateur-radio.com>



Photo B. Detail of wire ground plane



Photo C. Author's "Go Kit" HF tuner, control cable, coax, antenna wire, counterpoise, ground cable, insulators and nylon string (grounding is for safety)



Photo D. Author's homebrew portable HF vertical. Sectional whip, base insulator, and aluminum plate salvaged from an Army "26 Delta." The weatherproof PVC junction box has an SGC circuit board auto tuner inside. Radials, power cable and coax, nylon cord and anchor stakes complete the package.

through an emergency. I discussed that in a previous column in terms of you and your family prepared for an emergency. Now, let's look at some possibilities for operating under a disaster condition.

We start with the premise that "all disasters are local." That's where the effects are first noticed and felt. That's where the first of the recovery process starts, you and your family. It is family first! That's about as local as it gets. Once that situation is at least stable, then consider what's next. To communicate you will need a radio, an antenna, and power, for starters. Which bands you will operate on will be dictated by local practice and the situation, and in a disaster that changes almost hourly. The local plan and practice will give you a starting point. For most situations, the VHF and UHF repeaters in your area will be where the most activity is, if they're operational. If not, try simplex on the output frequency, with the appropriate tone for that machine. This is a de facto ARES standard practice over most of the continental U.S. Your local groups should have this in their emergency operation instructions. Well, if you're fifteen miles from the repeater with an HT and a "rubber ducky", maybe this won't work. Do you have an adapter that will allow you to connect to a better antenna? How about your mobile, if you have one ... is it operational?

If the conditions allow you to remain at your residence, your options are probably pretty good for coming up with something. If, however, it's like the recent train derailment in East Palestine, Ohio, and you are under an immediate evacuation order, your options just got reduced, dramatically! Again, the safety of you and your family is first on the priority list. The situation will dictate how fast you need to leave. "If" – there's that little big word again, if your Go Kit is always packed and ready, close at hand, grab it too, and git gone! Anything from there on is going to be what it is, and very unpredictable. Your previous family disaster planning will be a big help in making your evacuation as comfortable as it might be. You do have a plan, don't you?

What and how you get back on the air, if you are staying in place, again depends on the situation at hand, as well as the weather conditions. What's salvageable from the damaged antennas, and what resources you have for power should be evaluated first. Time taken now, despite the perceived pressure to get on the air, to carefully evaluate the situation, sort of inventory what you have to work with, and think through what might work; will save you time and frustration in the long run. Unless you are really practiced at this sort of thing, the immediate situation can be overwhelming. "Taking stock", as they say, of the situation and considering options will be a big help.

As part of this column's preparation, I went to the shop and, using what was on hand, made two antennas. Photo A is a "back on the air again" antenna made out of some wire and an SO-239 coaxial socket. It sits on a piece of 3/4-inch PVC conduit. Photo B shows some detail. I was quite pleased with the little ground plane. At seven feet off the ground, I was able to work through seven 2-meter repeaters and three 70centimeter machines from the home QTH on low power. This is also a test of my idea to have a low height, low gain, antenna for the shack, as mentioned in my column on rebuilding the station here. An internet search will turn up multiple iterations of this design.

The expedient and itinerant antenna situation and selection today is a lot better than in the past. The development of "end fed" antenna designs for HF and the wide selection of "dual band" antennas for V/UHF is now more of a "wallet" question than an availability one. Having a backup antenna handy is a good place to start your planning.

### **HF Expedience**

Expedient antennas for HF by and large fall into two categories: resonant and non-resonant. Almost anything will radiate; however, efficiency should be considered if you want to be heard. I mentioned previously the "end fed" antenna. This is a really handy design for portable and temporary work. It is literally fed at one end rather than the middle, or something off center around the thirty something percent point, as in the off-center-fed (OCF) dipole. The simplest of these is just a wire, fed with a wide range tuner, working against some sort of ground or counterpoise. The longer the wire the better. It's what I carry in my all band go kit.

For something a little more elegant and easier to "install," check out the manufactured (you can homebrew one) "endfeds." They come in basically two versions, the end-fed halfwave (EFHW), and an interesting variation, the end-fed random wire, although it isn't truly a 'random' length. The primary difference, other than length, is the ratio of the balun at the feed end. It's usually a 49:1 ratio for the EFHW, and a 9:1 for the 'random wire' version. The advantage to the 'random wire' version is it can be shorter than the EFHW for a given lowest band coverage. Unlike the usual dipole, you only need to get one end up in the air. Having something like this rolled up and stored away for an emergency is something you should consider. Photo C, the Yaesu FC-40 remote tuner, along with some accessories, is what I have in my travel go kit. With the tuner, the antenna working against ground or a counterpoise, it is essentially an "end fed," the tuner taking the place of the balun. Photo D is my portable vertical, which was a project from some years ago. It still gets frequent use around here because of its simplicity, guick set-up and versatility. The Power Pole strip (Photo E) usually rides along in the same box as the portable vertical. It's great for clipping onto the battery posts of the vehicle. I like the meter to monitor the voltage.

### **VHF and UHF**

At VHF and UHF, things are a little simpler, mainly due to the shorter wavelengths involved. Having something functional on V/UHF is probably more critical than having something for HF. Most of the response and recovery work by hams in a disaster is in this range. Getting something efficient, and high enough to get some simplex coverage (you sort of count on the repeaters going down at least initially) is often your biggest problem. There are all sorts of compact roll-up antenna designs for V/UHF, most based on the classic Zepp design (yes, the same thing they dragged behind the German airships), a parallel conductor half wave radiator and quarter-wave matching stub. There are multiple examples of these deigns made from 300-ohm twinlead. For a compact roll-up design, I personally like the coaxial dipole (Photo F) made out of coax. Search the internet for multiple examples of instructions for these antennas.

Whatever you are using, you are probably going to need a "skyhook" of some sort, particularly if there aren't any handy trees or clothesline posts around. Try for non-conductive, if you can, like wood, fiberglass or PVC. Again, there are lots of nice manufactured examples out there, but not a lot of help if you have to wait for one to be delivered, if it can be delivered at all in the current circumstances. The opportunity to "roll your own" here is limited only by your imagination, what you can find, and last but not least, your pocketbook. Painters' poles are a good choice for relatively low heights and light



Photo E. Power Pole distribution with # 8 wire and big clips



Photo F. Coaxial dipole comprised of RG 58/U and a coax connector

loads. After those you need to look at telescoping masts, which are more or less made for the purpose.

Any large-scale disaster is going to be accompanied loss of services. The type of disaster will usually dictate the services that are impacted. Winter storms with ice, wind, freezing temperatures, and heavy snow will take out power, disrupt communication, and make transportation difficult. Other losses will follow due the loss of heating ability and freezing temps. Regional floods are just about a totality of destruction in and of themselves, and recovery is slow. If I have to have a disaster, tornados aren't bad, unless it's you it hits! There's usually limited loss of power; transportation isn't a major issue, and so response is quick. The weather is usually gorgeous after it passes. With just a path of destruction, you can get your responding units to both sides of the destruction, a readymade task for the mutual assistance plan!

### Power Up!

The disaster has hit! Well now, with a rig, a feedline, and an "ethereal adornment" (antenna), all you need now is a power source. If the lights are still on, you are in good shape for the moment. Charge your batteries while you can! The fact that you have "lights on" is also a fair indication that communications are probably still somewhat intact, at least for you. If you are lucky enough to be outside of the more heavily impacted areas, you may end up as a net control station. But if there are no lights, what are you going to do for a power source? And it's now going to need to also run a light so you can see to write (and read). Batteries are your first choice, followed by some sort of generator. Have you planned for this? There's always your mobile station, at least for an initial short duration solution. Can you operate on a "reduced power budget"? Now is not the time for QRO! Think QRP, conservative operating practice, and as efficient an antenna as the circumstance will allow. An interesting note, the noise floor in the early part of a disaster scenario is lower than normal; all the offending electrical devices that generate RF hash are off.

Batteries, whether they are NiCad, lead acid, lithium, or whatever, they have a finite discharge level, and will need to be recharged, by a generator of some type, fossil fuel, wind or solar. Those of you who have pursued and developed your own "off the grid" lifestyle will probably do fine in these circumstances. Generators need fuel, and fossil fuels are flammable and explosive. Observe appropriate safety precautions. Don't compound the situation by having a mini-disaster of your own making. Never, ever, run a fossil fuel generator inside your residence! Never! The resulting carbon monoxide is a notorious silent killer, and it will make you and yours dead.

### Safety First!

Maybe you will have gained some ideas from this discussion. Hopefully, we've



started your creative thoughts flowing. To cover itinerant and expedient solutions to the issues of emergency communications requires a very wide range of topics and subjects. One of the more critical, and only briefly mentioned in this month's column, is safety. It should be first and foremost in all your planning and activities involved in the support of emergency and disaster communication. Stay safe out there. Dry and warm ain't too shabby, either. 73, John K3PFW

# **learning curve**

### BY RON OCHU, KOØZ

### To CW or Not to CW? That is the Question!

've been thinking about writing on this topic for quite a while. There is a lot of interest in learning Morse code and communicating via CW (continuous wave). And just like the amount of interest in Morse, there's no shortage of methods to learn it. By the way, CW, or continuous wave, simply means turning your transceiver's transmitted RF (radio frequency) signal on and off by using a key or paddle (Photo A).<sup>1</sup> A short pulse of RF (CW) is sent over the air. The combination of frequency pulses and time between pulses is the method used to transmit and to receive Morse code via radio. In February 2007, the FCC (Federal Communications Commission) removed the Morse Code requirement for a ham radio license. Some pundits at the time predicted that it wouldn't be long before CW all but vanished from the ham radio bands. Only the Morse code die-hards would remain as relics to a distant past, they

Photo A. Paddles and keys found in your editor's shack. On the left is my Hamkey paddle. Next to it is my Bencher paddle and to its right is my Nye-Viking straight key with a Navy knob. Another essential CW accessory is a cup of piping hot coffee!



\*Email: <ko0z@cq-amateur-radio.com>



Photo B. Screen shot of RadioShack's Archer Morse code learning program. Your author "cut his" Morse code teeth with this program back in the day.



Photo C. Screenshot of Ryan Wheeler, W4EEE's, YouTube Morse code learning video. Learning timing is essential to learning Morse.

said. Contrary to their predictions, CW didn't vanish. Instead, CW is flourishing!

### CW & Weak Signal Copy

There are several reasons why CW is flourishing. Besides being fun, it is perfect for weak signal communications. What do I mean by weak signal communications? Turn on your transceiver and listen to the static. That is your transceiver's "noise floor." Some days have more static than others. Sometimes, when the static levels are very high, it seems like nothing will punch through the noise. Often a CW signal, even a weak one, can punch through QRN (static) to be successfully copied. It may be a struggle on both ends of the radio, but it can be done.

### Bandwidth

The amount of RF spectrum a modulated signal occupies is called its bandwidth. It is measured in Hertz (Hz). For example, a typical single sideband (SSB) signal is around 2.8 kilohertz (kHz) wide, whereas a CW signal is around 150 Hz. CW occupies a significantly smaller amount of RF real estate, and therein lies its ability to outperform wider signals when it comes to signal-to-noise ratios. More of the transmitter's power is contained in a smaller space as opposed to being distributed over a wider spectrum like a voice or television signal. Concentrated power in a smaller space makes for a stronger signal. Do you remember the film "The Karate Kid"? Do you remember Mr. Miyagi instructing Daniel-san to focus his punch into an area of one square inch? Bandwidth and power are similar.

Another way to look at it comes from a good friend, Eric Koch, NFØQ (SK). He would challenge his physics students to determine the power released from a 20-kiloton atomic bomb and compare their findings to a typical, garden variety thunderstorm. His students were amazed to discover more

energy is released in a T-storm. The difference is that the energy released in a T-storm is spread over a much wider area. When all else fails, CW usually punches through the noise.

### Learning CW

How should one go about learning Morse code? I'm reminded of the beginning of Elizabeth Barrett Browning's poem, "How do I love thee? Let me count the ways." This is apropos because Morse code enthusiasts love CW and there are many ways to learn it! The trick is to find a method that works for you. Once you've found a suitable method, commit to it. Devote time each day, without fail, to learning code. Fifteen to 20 minutes daily is recommended. If you stay with it, before long the sounds associated with Morse code will sound more natural. You'll know your persistence is paying off while driving and you hear someone honking a horn in traffic and instead of beeps you will hear the letter "S" or "H." That actually happened to me more than once, and I found myself anticipating the angry motorist's next two letters. Fortunately for me, I wasn't the source of the disgruntled motorist's ire, nor did he send any additional letters in code. Another time, while learning code, I heard an oscillating desk fan's blade sending what sounded like a string of "Vees." The point is you know you're making progress with pattern recognition. Find a suitable method to learn Morse and then stick with it. Persistence is the key to success!

### My Morse Code Learning Experience

Today, there are a lot of methods available for learning Morse code. Not so much when I started to learn code. When I began my ham radio journey in the early 1970s, knowing Morse code was mandatory for earning an FCC Amateur Radio Service license. Back then, there were five classes of ham radio licenses. The Novice and Technician licenses required examinees to receive and send Morse code at 5 words per minute (wpm).



Photo D. A popular way to learn Morse code is via the Koch method. The idea is not to count the individual dits and dahs. Rather, hear the sound dit and dah combinations make.

G kich method morse code - Go × Kich method to learn Morse × +		~ - Ø X
	用心	
DXSummit.fi Propo      SoaceWX      OHAKST      PRN      PRN      PSK      Google	VHF 20 Heature 10 Marcs 10 K7011 DMR & NMSChet 2 NMSSE & NMSEdder 17 Exemptine + Grid Source 10 E335 MX 10-32. Peters 10 CONTESTS 14 GMAR 16 DDibat	» C) Other Rookmarks
Koch method to learn Morse		
		Index
	The Koch method is based on exposing the student to full-speed Morse from day one. The first lesson starts with just two characters, played in full speed. The	
	student must "copy" them (i.e. writing them down or typing them, like in this	
	page). Once 90% of the characters are correctly "copied", the student can go	
	move to the next lesson, where just one more character is added.	
	800 Hz tone	
	12 words per minute	
	25 % volume	
	Lesson 03 -	
	Click or touch any letter to see and listen the respective Morse code	
	Star Junion and tune chars below or Canad Jacob	
	sent reader and cype china source, or particulation	
	mkrrrmkkmmnmmkmkkrmkmrmmmkkkkk mmkkrrkmkmmrmmmrrrmrkrmkmkrkrrk	
	100% correct - moving to next lesson	
	mkrrr mk km m mmmm k mk k r mkmr mmmkk kkkm mkk rrkmk m mrmm mrr rmrkr mkm kr k r	
📫 🔎 Type here to search 🛛 💦 🖬 🎽 🚺		호 로 아 DNG 655.PM 특

Photo E. Your author obtained 100% correct using the Koch method.

The General and Advanced class licenses required passing a 13-wpm test. Extra class required 20 wpm proficiency.

If I wanted a ham radio license, then I needed to pass a Morse code test. Some people were discouraged by this FCC requirement. When I was a Boy Scout, I learned Morse code to earn my First-Class Scout rating. However, the FCC Morse code exam was more rigorous, and anxiety-ridden.

RadioShack sold an LP record by Archer that taught code (Photo B). Back then, record players had multiple speed settings in revolutions per minute (rpm). Changing the record speed let you play the code lessons at either 5, 10 or 15 wpm! Included with the record was a short manual that offered a lot of tips and lessons. The lessons familiarized students with like-sounding characters. For instance, the letters E, I, S, H and the number 5 were taught first. The letter E is a simple *dit.* I is two *dits*, S is three *dits*, H is four *dits*, and 5 is five *dits*. A series of Es were sent, then I's, and so on. I found learning code to be fun and easy. After mastering E, I, S, H, and 5, the course introduced us to *dah* sounds. The letter T is one dah. M is two dahs, O is three dahs, and the number 0 is five *dahs*. Before long, I was not only copying letters but simple words such as SOS, MOM, HOT, SET, SIT, and HIT. I was making measurable progress, and it was fun! This achievement was a real motivator for me. Next, we learned dit and dah combinations such as A which is didah. Notice I didn't write it as *dit dah*. The reason being when A is sent, it sounds more like a *didah* as opposed to a single *dit* and a dah, which could be mistakenly copied as the letters E and T. Other combinations were introduced to us along the way.

The record used 5-character groupings in columns. Students played the record and copied the letter, number, or prosign combinations. Afterwards, you could compare your copy with the printed lesson. There were so many lessons that it would be difficult to memorize them. The problem with this method of learning code is it takes more work to copy code correctly at higher speeds.

### Dot/Dash vs Dit/Dah

Somewhere along the line, I read the suggestion to eliminate dot and dash from your mind. Sure, the letter A is depicted as a dot and a dash (. -) in a Morse code chart. However, I have never heard a dot or a dash transmitted over the air. On the other hand, I have heard *dits* and *dahs* over the airwaves. Run together to form letters like A, I hear *didah* or *dahdit* for the letter N. This is an important step to learning the code and making copy over the radio easier. So how long is a *dit* as opposed to a *dah*? That depends on the sending speed. A *dit* is a short closure of the telegraph key. Gary Wise, W4EEY, teaches that a *dit* is a unit and that a *dah* is three times as long (Photo C). Current theory suggests students should not learn code by sight. So, rather than seeing *didah*, hear the letter A as *didah*. Likewise for remaining characters. This technique goes a long way towards reducing learning plateaus.

### Morse Teaching Methodologies

Thinking of Morse code characters according to their sound (*dit* and *dah*) is a big first step in learning code. Currently there are two main approaches to teaching code. The Koch and the Farnsworth methods.

### Koch Method

According to the "Koch method to learn Morse" website <https://tinyurl.com/37vdsmmh>, "The Koch method is based on exposing the student to full-speed Morse from day one." This website offers an interactive platform to learn Morse

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Since it first became available back in 2002, my Morse trainer has been downloaded countless times. I used to request a QSL card as a download acknowledgement and the software has achieved DXCC Honour Roll in its right over the years. As well as the QSL cards, I have had lots and lots of interesting conversations with different people about their learning methods and successes and failures. This has given me a lot of insight into how we learn Morse and it has become clear that Morse is a language just like French or German. This means that the language learning skills are just as applicable to Morse as they are to French or German, for example.
BSGB 2018 Convention locator - Improving your Morse shills

Photo F. Screenshot of G4FON's CW Trainer. Version 10 is a popular Koch method Morse code learning platform.



Photo G. Melvyn Robinson, KN4GB, is the narrator of W4EEY's YouTube Morse code video course.

code at full speed. The user sets the speed. The program uses your computer's sound card to transmit two lines of characters or about 62 characters. You type in the letters. There are visual clues. About midway down the webpage, just below the Lesson box, the lesson's letters are shown. Clicking on the letter(s) will allow you to hear them.

Now it's time to begin the lesson. This forces you to listen and to memorize the sounds. After the two lines are sent, the program will compare your input to what was actually sent. I tried out lesson 1 at 12 wpm which introduced me to the letters K and M. I scored 90% which entitles me to go to the next lesson, which will add another character (Photo D). For a beginner, this may at first seem like a frustrating way to learn code, but persistence is the key. Keep practicing lesson one until you obtain 90% or better proficiency. This trains your brain to listen to the code and not to visualize the code. I noticed that the program also looks for spaces. It will send several characters in a row, pause, and then send more characters. You'll need to press the space bar during those slight pauses/breaks in sending. Lesson two adds another letter, in my case the letter R (Photo E). This program builds upon success through repetition and listening. I believe making the transition from a computer program to being on the airwaves will be much quicker using this method.

### **G4FON Morse Trainer**

If you don't wish to train online, there is a free Koch method browser program that can teach Morse at <a href="https://tinyurl">https://tinyurl</a>. com/msnsmufx>. Ray Burlingame-Goff, G4FON (SK) developed it and made it available to radio amateurs (Photo F). "Koch CW Trainer Version 10" is similar to the online "Koch method to learn Morse" online program in that it also uses the Koch method. However, along with sending the letters to be learned, it also displays them on the screen. You do not need to respond to each character by typing it with your computer. The program does not test your input. The idea is to listen to the characters being sent without looking at them and to copy them down onto paper as you hear them. You look at the characters on the screen after the session to check for accuracy. It's up to you to check your progress. The program setup is intuitive and friendly.

### Farnsworth Method

Another popular Morse code teaching platform is the Farnsworth method. The website "Just Learn Morse Code" explains the method, "...characters are sent at the same speed as at higher

speeds, while extra spacing is inserted between characters and words to slow the transmission down. The advantage of this is that you get used to recognising (sic) characters at a higher speed, and thus it will be easier to increase the speed later on." Farnsworth timing was invented by Donald R. Farnsworth, W6TTB (SK) in the late 1950s. The ARRL uses Farnsworth timing for transmissions, practice and test tapes up to 18 WPM. The site is located at <a href="http://">http://</a> www.justlearnmorsecode.com>. It's a free Morse code training program download that I found useful. This program uses the Koch method with Farnsworth timing. It is user intuitive and friendly. At the top of the program there is a drop-down menu and below it there is a tool bar. The tool bar contains the start and stop keys as well as user parameters like characters, speed, wpm, pitch and volume. To the right of them, you'll find alphabet letters, numbers and special characters. Clicking on them will let you hear the character in Morse. Highlighted letters will be the ones used in a lesson.

When I tried the program for the first time it offered the letters K and M. I discovered correctly typing the Ks and Ms wasn't enough. I also needed to indicate spaces or pauses between letter groups. To someone listening to code for the first time, it seems nearly impossible to detect

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Photo H. W4EEY and KN4GB present Morse code characters in a particular order.

any breaks or spaces at all! For experienced CW aficionados who send at 30 wpm, spaces sent at 5 wpm seems interminably long. I must make note here, first class radio operators will gladly adjust their sending speed to match that of the transmitting station's.

Getting back to letter group breaks, I found out I needed to use my space bar. I needed a bit more work on my spacing between letter groups. Sending Morse code requires proper spacing between letters and words. Typically, if a *dit* is one unit and a *dah* is 3 units, then the spacing/break between letters is recommended to be 3 units long and 7 units long between words. Why is timing/spacing important? Let's say I am in a CW QSO with another ham. I am sending, "Hello, my name is Ron and my QTH is St. Peters, MO." However, if my timing is off, this is what the operator at the other end of my radio transmission may have copied: "Hell om yn ame isr on an dmy qt h is st . pet ers ,mo." The "Just Learn Morse Code" program will give you a good feel for proper timing/spacing. Once I feel I have consistently obtained 90% or better, I go onto the next lesson by placing my cursor over the characters portion of the toolbar and increasing the number of characters from 2 to three. Let the learning continue!

# For Visual and Auditory Learners

Although Morse code is an auditory medium, visual learners among us may feel learning code to be too daunting. Please don't despair. During my research I came across a fun to watch, very informative YouTube video from Gary Wise, W4EEY <https://tinyurl.com/7w4z7ckt>. "Morse Code Class 01" features Melvyn Robinson, KN4GB (Photo G). Melvyn served as a radio operator aboard merchant ships and he is very proficient with Morse code. The course offers sight and sound instruction. I noticed Melvyn teaches Morse code using a code order. His code order groups letters by similar sounds (Photo H). Much like I learned, years ago, with my Archer record. Looking at Photo H, notice that the letters E, I, S, and H are taught first. There are ten lessons in total that visual learners may find useful and encouraging.

### **N3FJP Software**

If video lessons aren't your thing and you're looking for a simple, straightforward Morse code program to run on your computer, then Scott Davis,



Photo I: Scott Davis' free software Morse code program, CW Teacher.

N3FJP's, "CW Teacher" (Photo I) may be just for you. Scott and his family offer a complete software suite of ham radio logging and contest software at <https://tinyurl.com/ 2py773dt>. N3FJP offers this program for free, and offers this advice with his code program: "Keep the character speed at 18 wpm or higher. You want to train your ear to associate a sound with a letter. If you learn the sound too slowly, it will take longer to transition to a functional speed. In learning mode, the software will wait until you identify the character, so there is no rush, even at high speed."

### MFJ

For people on the go, using a computer or viewing a video may not be a good option. Although I haven't personally used it, I came across the MFJ-418 Pocket Morse Code Trainer (Photo J). As its name suggests, it easily fits into a shirt pocket, and it offers Morse code lessons. The lessons can be taught with or without Farnsworth spacing. The MFJ-418 is battery powered and has an instant replay feature, allowing you to check your copy. This allows various code speeds from beginner to high speed. For those who frequently travel or for those looking for a portable Morse code trainer, this may be just what you're looking for. Currently, it retails from MFJ for \$129.95.

### So, what now?

To CW or not to CW? There is no question. Of course, you should learn Morse and pursue CW! I've given you a lot to peruse and to choose from. By no means have I exhausted all of the available programs out there. I have given you a good sampling and a good spot from which to embark. In my mind, the very first step I would recommend is to commit yourself to learning Morse code. Don't be in a hurry, rather, enjoy the journey. Learning code won't occur overnight. There may be some

setbacks, but a steady pace will win the race. Shop around and find a comfortable Morse code program. Now, commit yourself to between 20 and 30 minutes a day. The more you practice, the more quickly you'll become proficient. Spending quality time practicing with a program will develop neural pathways in your brain. Before long, code will become more familiar and less alien-sounding. Success will build upon success. As you gain proficiency, you'll find that there are certain letters that throw you off. I found it challenging to distinguish the letter H (four *dits*) from the letter S (three *dits*). However, I had little problem distinguishing between an H and the number 5 (five *dits*). Go figure! I remember the letter F being a bit challenging for me as well. I persevered and now this memory is a fun bit of trivia to recall.

Finally, let me offer some suggestions that will make learning Morse easier and quicker. Do not count *dits* and *dahs*. Do not verbalize out loud, do not use any look up tables, pictures, etc. Avoid memorization gimmicks like N is the reverse of A. Start off learning code characters sent at higher speeds such as 13 wpm or 18 wpm, that way it'll be more natural for communication. Having written that, commitment and persistence are the key. Make the time! You'll be opening another fun, useful, rewarding, and exciting dimension! Thank you for reading *CQ* and I hope to meet you on the air!

73, Ron KOØZ

### Notes:

1. Actually, there's a little more history behind the term CW. In the earliest days of radio, Morse was the only means of communicating and transmitters used spark gaps, which produced "damped waves" that started out strong and slowly weakened. The first major advance in radio technology came with the development of transmitters that could produce "continuous amplitude waves," which were much more frequency-efficient and maintained the same strength throughout a transmission. Continuous amplitude waves were soon referred to as continuous waves and then as CW. – W2VU



Photo J. MFJ-418 Pocket Morse Code Trainer for Morse students on the go.

# digital connection

### BY DON ROTOLO,\* N2IRZ

# The Whys and Which(es) of Networks Help Deciding What You Need

Recently, I got a nice email from Bill Dornbush, AA6BD, over in Chattanooga, asking about building a packet radio network. He already uses packet for APRS and Winlink, but he and some of his friends want to do more with it, perhaps building a network. But, which flavor of network should they build, and – more importantly – why?

Why, indeed. In fact, that cuts directly to the most important issue here: What, exactly, do you want to do with your network? That answer will mostly dictate what kind of net-

#### \*c/o CQ magazine

Email : <N2IRZ@cq-amateur-radio.com>

work you should build. But Bill is asking me what he can do with a packet network, so let's start there.

Thinking about what a network might be good for, the first thing that comes to mind is email. A Bulletin Board System (BBS) is an email server, and there are many packet BBS applications available. But I'm not speaking of email in the sense of "anywhere there is internet coverage", but in the sense "a nice platform for the locals to trade messages." I send these columns up to CQ by email, but I doubt there is a packet network that can move a multi-megabyte message from Atlanta up to Long Island. Clearly, the internet is my only option for large messages over great distances.

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Figure 1. An example of the Chat feature in TARPN Home, showing several users connected to the chat and some recent traffic on a relatively slow day. Just like Slack or Discord, this packet app keeps like-minded locals in touch with each other. TARPN Home lets you use your phone or other device at home to chat or operate your node.

# "Using non-amateur methods for playing amateur radio is counterproductive."

On the other hand, Winlink actually does this. Maybe not really large messages, but it definitely reaches places where internet does not. Many (non-commercial) ships at sea depend on Winlink for routine communications and, sometimes, emergencies. But other than being just another amateur radio email application – perhaps one with unusual capabilities even in this modern world – it isn't really a big bunch of fun. But a local BBS can be.

Related to email is another application, Chat, which is a lot like the local 2-meter repeater, but text-based. Chat is a G8BPQ feature, which is incorporated into the TARPN Home application. In the NCPacket network, I have seen over 30 local hams connected to the chat application at once, with several of them actively engaging in discussions about one thing or another (see Figure 1). Until you've participated in something like this, I really can't explain just how much fun it really is.

TARPN Home is also a very helpful feature. In addition to making Chat more user-friendly, you can also use it to access your node from other devices on the same Wi-Fi network. For example, you can use your cell phone to use Chat. TARPN Home also lets you play with your own node, connect out to other nodes, and provides convenient access to your own BBS server.

Some of us enjoy building networks just to learn more about networks. It isn't as easy as it sounds, but it is most certainly educational. Not just gathering and assembling hardware and software to make packet work, but antennas and propagation and line-of-sight paths, making sure that multiple radios on the same band don't interfere with each other, and the art of Linux. Watching the network operate, from the inside, is exciting to many hams. And you don't need to be a data geek to learn how it all works. Like many things in amateur radio, the learning is not only fun, it's likely to help you in your career someday.

This shouldn't be underestimated. Just like the pleasure found in (finally!) getting your DXCC, the satisfaction from getting everything together to make a functioning network is a big draw for many. It is for me, certainly. I mean, the internet can move far more data, far more quickly, than any packet network. But what fun or challenge is there in that? Why do people ride bicycles when they have a car?

Many ham groups build their packet networks to help with emergency communications. A robust network, properly designed and built, won't get killed when the network traffic spikes higher, a good thing when all heck breaks loose. If each node is hosted by a builder, such a network is likely to be far more survivable than anything commercial. If my station goes down for whatever reason, I have all the knowledge I need to get it working again, essentially the definition of resiliency.

What doesn't work is when you have an EmComm group that either doesn't have the expertise to fix what's broken, or never tests equipment to find out what needs fixing. Or both. You never know if your network will work when you really need it if you are not using it almost every day. When it breaks, having to wait on someone else for a repair isn't going to cut it when the chips are down.

There is really no limit to what you can do on packet ... except there is. Many packet links still operate at 1,200 baud, so a media-rich web server won't work well. Even 9,600 baud, fast by packet standards, is too slow for stream-



Photo A. A two-port packet node built to TARPN standards. The radio power system is at the bottom, two link radios and NinoTNCs take up two of the shelves, and the top (with the cover open) has the Raspberry Pi, battery-backed power, and the node controller board.

ing video. But those of us old enough to remember dial-up modems understand how to create useful web pages that don't use a lot of bandwidth. Methods for optimizing (i.e., minimizing) data size are hardly ever used these days, but way back when, lots of clever schemes were created. What is old can be new again, right?

Other things you can do? Maybe a web page showing your weather station's current readings. Or someone hosting network map files. Club announcements, maybe info about the last (or next) meeting? What is it that you want?

The bottom line is that anything you can do on the internet, you can, in some fashion, do on packet. Not as fast, perhaps not as easily, and in some cases not legally (I'm thinking of the pecuniary rule of Part 97 here), but a web server on packet was done 20 years ago, and it can be done again.

Which brings up the question of architecture: pure RF or commercially-assisted? As in a contest, pouncing on CQs yourself or getting spots from the server? (Ah. DXCluster. Another packet application). If efficiency and speed are your goals, use the internet. But if you want to use amateur radio, then use it without crutches. Can't get a link up from Chattanooga to Atlanta? Keep at it. Need is a wonderful motivator.

It is my opinion that using non-amateur methods for playing amateur radio is counterproductive. If you have a task to get

done, then by all means use whatever will work, but if you're doing this for pleasure, then do it on RF. But be warned: even one tiny crutch (i.e., non-radio link) will bring on eventual failure, and I have seen this happen too many times to count.

Some groups promote their own style of architecture. I've found that most of them that have info on their website generally subscribe to the "Put up whatever user ports and links you can, however you can" methods used 30 years ago. It used to work, but since then better ways have been found.

Having a caste system of users and operators tends to hurt a network. User ports seem like a good idea, until you find that users resent the operators because they won't provide (servicename-here) that a user thinks is needed. Operators start resenting users since all the money, time and effort is coming from operators to support ungrateful users. And, when the network fails, or operators leave, the poor user (who has no experience or visibility into network operations) has absolutely no idea how to proceed.

In contrast, NCPacket in North Carolina is also running a few dozen G8BPQ nodes in a TARPN network. Each node is at the operator's house or easily-accessible workplace (Photo A), and there are no user ports: If you want to get onto the network, you have to run a node. Everyone is a user and operator. No caste system, and everyone can repair their own equipment (such as in an emergency). You must have skin in the game to play, a good recipe for success.

Their nodes' G8BPQ software runs on a Raspberry Pi computer, with virtually every aspect of building a node clearly documented and widely available (recent Raspberry Pi shortages notwithstanding) at the TARPN website <http://tarpn.net>.

The TARPN architecture model has several rules. For example, it insists that every link is a dedicated point-topoint link, and only RF links are allowed. The only way for data to get onto the network is by typing it in – automated connections are not allowed. They call it "Networking on Purpose." Perhaps this helps explain why I write about it so frequently.

While NCPacket is always looking for new participants, they are not interested in growth for growth's sake. Instead, they want to be the kind of club that welcomes newcomers and Elmers them towards proficiency. They'd enjoy having HF links to other TARPN networks



Photo B. An assembled NinoTNC. These are currently supplied as a bare board plus processor for about \$12 on Etsy, along with a bill of materials costing about \$25 on Mouser or DigiKey. A fully-assembled surface-mount version is in development. Capable of speeds from 1200 to 9600 baud (set with a DIP switch), and featuring IL2P forward error correction for a 3 dB coding performance gain, it is an excellent TNC choice.

(but not to individuals) and are uninterested in Winlink or other internet "radio" applications.

Other architectures – hub and spoke for example – don't work. As with user ports in most terrain, you have the problem of Hidden Transmitter Syndrome (HTS), where two stations both see the station between them but not each other. This allows one station to transmit while the other is (unknowingly) also transmitting, meaning that neither station gets through. Not a recipe for performance. Point-to-point is just about the only RF architecture worth considering. A duplex repeater just perpetuates the user-operator mentality.

So, what is the big impediment to building networks? It isn't equipment:

Unlike 30 years ago, the TNC (Terminal Node Controller) is not a significant cost anymore. The NinoTNC (Photo B) can be had for under \$40, and used Pac-Comms are maybe \$10 at a hamfest. Even radios are cheap: I paid \$20 for four Kenwood TK-762G radios (2m, 25W) at Hamvention last year. In fact, the biggest cost is the antenna and feedline.

No, finding others interested enough to get involved is the hardest thing. Most older hams remember packet, and since their local user ports suffered HTS and their network likely had worst-case architecture, they just figured that packet didn't work and was a waste of time. Well, it wasn't packet, it was the architecture.

Lastly, there's networking software. G8BPQ is a very popular and well-sup-

### **Crystals**

I recently heard from a newer ham who was trying to find information about the TEKK KS-900 data radios that many packet networks used to run 9600 baud on 70 cm. I didn't find a whole lot of information on the internet, instead finding the KS-960, but I did advise him that TEKK International <a href="https://tekk-radios.com/">https://tekk-radios.com/</a> is still in business and might be helpful. I also mentioned that Bomar Crystal Company <a href="https://bomarcrystal.com">http://bomarcrystal.com</a> was the company that I'd always used for radio crystals, and surely they can make crystal sets for the TEKK – or most any-thing, I suppose. Perhaps this information will help someone else out as well.

That being said, the last time I ordered crystals they ended up being a significant fraction of the cost of the radio. Today, with KS-900 radios going for \$10 in eBay, I suspect the fraction has become quite a bit larger. Compare that to my TK-762G purchase at Hamvention, four for \$20. Add in some sweat equity for the 9k6 modification, and you're way ahead.



Photo C. The TARPN network demonstration booth at the Stone Mountain (GA) hamfest in 2021. With five portable nodes, each with a computer and actual radios (using dummy loads though) attendees were able to see and hear how the network operates in real time. The same setup has been used for club meeting demonstrations and could be deployed in minutes as a functioning network in the real world.

ported implementation of TheNET/NetRom. FlexNet has good technical performance due to its self-configuring link parameters, but this removes a significant layer of potential education for how networks operate. Although widely used in Europe, it is not as well supported these days. ROSE also hides the routing from users and (like TheNET) is only useful in a Z80-based TNC, a somewhat ancient architecture. There are others, too, but they are all relatively minor players.

Although there are some efforts underway to replace AX.25 with something 'better,' there's little new there as these groups debate the meaning of 'better.' This means that virtually all VHF-and-above networking today is done using G8BPQ software. In contrast, HF is like the wild west, with new better-faster-cheaper protocols coming out seemingly every day. AX.25 can be done on HF, but there are far more robust options (like VARA), too many to list here.

So, how does one get started building a packet network? If you have some ham friends, start by seeing if there is any interest. Make sure you can talk to each other on FM simplex, which is a key requirement. Here in Atlanta, Bob and I want to start a TARPN network, and we tried to speak on 2 meters at a distance of 11 miles, but couldn't get a signal through. Tony, 50 miles north of us both, isn't interested in packet but hears both of us full-quieting. Dang it!

The next step, once all the friend links are exhausted, is to visit local clubs. Talk to the folks there, maybe do a presen-

tation (using actual nodes, not PowerPoint), and see if there's interest. Volunteer to Elmer someone in simplex range, and eventually they might want to join a network. Remember, everyone knows someone, so encourage others to spread the word. Like anything, you just need that one person to get traction and drive the program to success.

Research has found that the critical mass for a successful network is five users. Find four others in range, get together to assemble equipment and plan links, then put it all on the air. Then, promote the heck out of it. Get a vendor booth at your local hamfest and link into the network (Photo C). Or use your multi-station demo network (the one you used at the clubs) and a couple of computers to let folks play with it. Most hamfests offer free or cheap tables for clubs and noncommercial booths.

As they say, getting there is half the fun. The learning curve is not too steep, and there are dozens of hams who are happy to offer their help and advice. Visit <https://groups.io> and join the TARPN and NinoTNC groups to find them. And then maybe you'll write and tell me about your network?

That's all I have this time. As I mentioned in March, I'll be at Hamvention in my bright yellow FRC Robot Inspector cap, poking around the bargain bins and looking for things to write about. If you see me, stop and say hello!

Until then,

73 de N2IRZ

# homing in

BY JOE MOELL,\* KØOV

### Close Encounters of the Law-Enforcement Kind

t started out like any other Saturday night mobile T-hunt. April Moell, WA6OPS, and I, with a ride-along observer, were cruising through downtown Fullerton (California). We had lost the hidden transmitter's two-meter signal upon our descent from the starting hilltop, but that's not unusual. It was probably at least 20 miles away, and we planned to follow our original bearing until we got in range.

The hider announced on the 224-MHz coordination repeater that he would raise the hidden transmitter power briefly for a couple of late-arriving hunters. Good, maybe we can get another fix. Wait a minute! What are those flashing lights in the rear-view mirror? We're being stopped by the police!

Two cruisers pulled up behind as I rolled into the closest parking lot. The officers were smiling as they approached the van. They flashed their lights all over the inside and outside as I offered my license. What a time for this to happen. There goes our chance to get another bearing.

These wide-eyed cops were the youngest rookies I had ever seen. They looked just like the Police Explorer Scouts that we see doing traffic control duty at public service events. They seemed to be in awe of the four-element quad on top of the van, with the mast going through the roof.

"What did I do?" I asked, as April offered one of them a copy of my T-hunt information sheet.

"Nothing," was the reply. "We just wanted to see if you had a scanner in there."

"Why?" I asked, silently wondering if he recognized the Regency MX-7000 on top of the dash, hooked to the Roanoke Doppler RDF box. It had only ham frequencies in it, of course. (Well, mostly.) "We've had a lot of burglaries," the neophyte cop answered, "and it's illegal to have a scanner in your car."

That was my cue to give him a friendly briefing on the fun and usefulness of competitive radio direction finding (RDF). I also pointed out that we weren't listening to his frequencies, but it would not be illegal to do so in California. One of them disappeared for a minute. After a check on his radio with the Watch Commander, he sheepishly admitted that I was right about scanners and sent us on our way. Well, at least now we had a good excuse for finishing second in the hunt.

Getting stopped in the city during a T-hunt is unusual here in laid-back southern California, where VHF hunts have been going on for 65 years or so. Veteran officers are used to our strange antenna arrays and slightly erratic driving. The give friendly waves as they pass by the hilltop starting points lined with hunters' vehicles, and usually ignore the fact that a couple of them protrude into the traffic lanes. Normally, it takes something blatant to get them to pull you over – such as the hunter who backed down a freeway on-ramp some years ago.

It was different in the early days. Some old-timers tell stories of the two-meter hunts in the 1960s, complete with Gonset Communicators and dynamotor B+ supplies. One night, several hunters found themselves under arrest, albeit briefly. They weren't doing anything illegal, but a homeowner had complained about the strange people with radio gear tramping through the countryside. One officer crashed his patrol car in the fog that night.

Worried residents still call 911, but now dispatchers summon the helicopter patrol to check out the scene. Several times, my hiding spots have been in the spotlight from above. Usually Angel (that's what they call the chopper) hovers just long enough to give away the location to the close hunting teams (drat!), and then disappears.



The big parking lot at Montgomery-Gibbs Executive Airport serves as starting point for many mobile transmitter hunts in the San Diego area. Most of the teams on this hunt are using rotatable two-meter quad or Yagi antennas for RDF. (Photo by Joe Moell, KØOV)

<sup>\*</sup> P.O. Box 2508, Fullerton, CA 92837 Email: <k0ov@homingin.com> Web: <www.homingin.com>

Occasionally, it gets dicey. One night, April and I hid at the site of a new home that was being built in Anaheim Hills by its owners, a couple of our friends. These folks discovered at the last minute that they couldn't be there to hide with us. We decided to go ahead anyway.

After a dozen hunters converged on the place, it wasn't long before the chopper and spotlight arrived, followed by a patrol car. The neighbor who called in came over to insist that we were trespassing. We had no proof that the owners had given permission. There was a hurried autopatch call to the owners – no answer. Eventually we prevailed, but we learned an important lesson: It may be okay to hide on private property, but you must be able to prove that you're allowed to be there.

By the way, that was a challenging hunt from a technical standpoint. The AC wiring for the new house was complete, except there was no breaker box and no lines to Edison's power pole. We connected the output of my fractionwatt transmitter to one of the long Romex cables, then buried the transmitter next to the foundation.

Old-timers may remember the newspaper ads: "Turn all your house wiring into a giant TV antenna!" That's just what happened. Everyone DFed their way to the house with no problem. Then they wandered the property trying to identify the antenna. (No wonder the neighbor panicked.) "All the outlet boxes sure are hot with RF," they kept saying. Yup.

### Befriend a Cop

Consulting with the authorities ahead of time can pay dividends. One night we hid the flea-power rig inside a portapotty in a new construction area in Yorba Linda. While setting up, we made friends with the security guard at the site. He got so enthusiastic about our prank that he let us use one of the vacant houses being built as a lookout post and we were allowed to hide our vehicle in its garage.

For a while, southern California hunt rules recommended advance notice to police of the transmitter's location, so that dispatchers could reassure concerned citizens who called in to report strange sightings. That practice didn't last long. It was a lot of bother and there were suspicions that advance hiding spot information was finding its way to some of the hunters. (I think I would have been tempted to "plant" some false stories when hiding, to see what happened.)

Certainly, there are enough hams with police connections to make me



Michael Olbrisch, KD5KC, and daughter Heidi Wilden, KE5BHT, of El Paso, Texas were happy after their first mobile transmitter hunt, which they won. Heidi built this two-meter quad, which she held out the van window as Dad drove. Next time, she plans a better mounting system! (Photo courtesy KD5KC)

think twice before I disclose my clever hiding spots to them. Some years ago, Don Lewis, KF6GQ, put on a hunt with the low-power transmitter in a box under the reception desk at the Monrovia police station. All the bearings from every outside corner of the building pointed inside, of course. But it took a lot of courage to walk through the door with a hand-held "sniffer" to probe the lobby of a precinct house.

On the other hand, it might be good to keep the authorities in the know about our RDF activities. One afternoon I spent quite a bit of time in a residential neighborhood of a nearby city as I searched for the source of distorted TV station audio that was appearing intermittently in the 6-meter ham band. I would stop on the streets to wait for the signal and rotate my big van-top sixmeter shrunken quad to get bearings.

When it disappeared and didn't return, I headed out onto the freeway for the 15-mile drive home. In the rearview mirror, I saw a pickup truck trailing me very closely. It tailed me to my exit, then continued to follow all of the way until I pulled into my driveway. The driver parked in front of my house, got out and began to loudly berate me and threaten to call the police on me. When I calmly asked what triggered his anger, he began to rant about how he was sure that one of his family members was being stalked and he was convinced that I was parked near his house to perform some sort of electronic surveillance on them. After I explained what I was doing and told him I that would call police myself to let them sort it out, he finally backed off and went home.

In the days to follow, while carefully avoiding this fellow's house, I found out more about the TV audio intruder. It turned out to be wireless headphones connected to the DVR of a hearingimpaired homeowner. The transmitter for these imported 49 MHz phones was emitting spurious signals in the 6-meter band.

### Help Them Get Started

Last year, my May column promoted the *CQ* Worldwide Foxhunting Weekend by telling tales of clever hams who put on difficult and dastardly mobile T-hunts. That's an excellent challenge and lots of fun for experienced hunters, but newcomers who come out on such hunts often give up and are reluctant to try again.

If your local hunt participation is falling because the hunts are too hard for some, why not have a well-publicized mobile

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hunt once in a while that's designed just for beginners? It's definitely possible to have fun on simple hunts. The result might be more capable foxhunters who can respond when skilled RDF is needed for search and rescue or interference tracking.

For a successful mobile foxhunt that encourages first-timers, the teams should all start from the same location. The fox's signal should be strong enough and there should be a huntmaster at the start to help new teams get their initial bearings, if necessary. Everyone should understand the boundaries for the hunt, with maps supplied if the boundaries are irregular.

I think that beginner foxhunts should be scored by mileage, not by time-tofind. Getting bearings and navigating can be tricky enough without the added pressure of trying to get to the fox before the other hunters. The huntmaster should log starting odometer readings to be compared with ending readings at the fox's location. Lowest elapsed mileage determines the winner. This eliminates the urgent rush from the start point when the hunt begins. It encourages careful bearing-taking and map-plotting. It's not uncommon for the last team arriving at the fox to end up as the winner There should be only one transmitter. To help beginners get good bearings, the fox's antenna should be up in the air, not next to the ground. It should be stationary, in the clear away from obstructions, and polarization should be constant. If any hunters are using Doppler sets, the polarization should be vertical.

The fox should be reasonably close to the start. Twenty miles is too far. Transmissions should be continuous, if possible, with modulation and identification that ensures that hunters are following the correct signal. The fox may be on private property, but must be in a place that is accessible to the public with no admission charge.

Hunters should be able to drive close enough to the transmitter to identify the endpoint of the hunt. The longstanding Fullerton Radio Club rule is that "the transmitter shall be within 100 feet of access by standard passenger car." If the hiders want hunters to "sniff out" the transmitter on foot at the end, they should have on-foot RDF gear available for them to use if they don't have any. The hider must keep safety in mind when placing the transmitter and antenna.

If the hunt is running long and some hunters are getting stumped, it's OK for the hider to give hints and clues, but it should be done in a way to ensure that all hunters hear them. It might be a good idea for the hider to provide a cell phone number that teams giving up the hunt can call to be told how to get to the fox location to join in any post-hunt activities, such as a visit to a restaurant.

### Try It on Foxhunting Weekend

An excellent time for your club to have foxhunting fun is the annual *CQ* World Wide Foxhunting Weekend, which takes place May 13 and 14, 2023. This is the most informal of all *CQ* contests – just an opportunity for your club or other ham group to have some fun finding transmitters, either in vehicles or all on foot. Use the international rules or write your own. Make it easy or hard, depending on the skill level of the foxhunters in your area. Talk it up on the local repeater and social media to find out what your friends have in mind.

More about Foxhunting Weekend is in the February and April 2023 issues of *CQ*. It's also in my website. After the foxhunting, be sure to send me stories and photos for the follow-up article. I'm looking forward to hearing from you.

Happy hunting!

# kit building

BY JOE EISENBERG,\* KONEB

### DZ Kit SR-74: A New Twist On An Old Favorite

he Heathkit GR-64 was one of the kit radios that gave many people their introduction to both amateur radio and shortwave listening. With its coverage ranging from the AM broadcast band up to 30 MHz, it was one of

\*7133 Yosemite Dr., Lincoln, NE 68507 email: <k0neb@cq-amateur-radio.com> Hamfest Hotline #5855 many radios popular in the 1960s and 70s. One has to wonder in this age of software defined radio (SDR) how the appearance and simplicity of the GR-64 can be reconciled with today's SDR receivers and DSP-based receivers (Photo A). Brian Wood, WØDZ, of DZ Kit, has come up with just that. It takes the simplicity of the GR-64, built on SDR technology, and made it in kit form.



Photo A. Brian Wood, WØDZ, shows the original Heathkit GR-64 next to the new DZ Kit SR-74 Saguaro receiver kit.



Photo B. A box of many of the parts needed for assembly, packaged in labeled antistatic bags.

The DZ Kit SR-74 "Saguaro" is based on the SDRplay RSP1A and the Raspberry Pi 4B (Photo B). Using the supplied DZ Kit software, the frequency coverage goes up to the FM broadcast band at 88-108 MHz. There is also Cubic SDR software supplied that allows reception up to 2 GHz. You will have to select which program to use and keep in mind that the Cubic software is more traditional SDR and does not have the "traditional" radio feel to it as the DZ Kit Saguaro software does. There is a 7" color touch screen display, and the screen appearance is similar to the slide-rule type dial in the original Heathkit receiver. Similar to the Heath days, the parts come in several labeled bags instead of paper envelopes and the assembly instructions harken back to those good old days (Photos C and D). The manual is a high quality printed spiral-bound book and uses a very detailed approach to assembly. When I saw the large number of parts, I found out that the estimate of about 12 hours of labor to complete assembly and testing seemed about right.

### **Building the Saguaro**

The assembly procedure begins with placing the front panel label on the chassis. I flunked stickers in kindergarten, so I was relieved to see that Brian has provided a means to make the alignment of this large sticker go a lot more easily (Photo E). Provided in the kit are two red 3D-printed guides



Photo C. The instruction manual resembles what we remember when looking back at the older Heathkits.





Photo E. The chassis is ready for the application of the front panel sticker.



Photo F. The sticker is supplied in a thick plastic bag for protection. The speaker and power transformer are installed during the chassis portion of the assembly.

that are taped into place, poking through two holes on the front panel. These serve as guides to make sure that the label is lined up when carefully lowered onto the front panel. The guides are taped into place temporarily and are removed once the front panel sticker is in place. I can see why this task is the very first step, as it is one of the most exacting procedures in the kit (Photo F). Although these two 3D-printed parts can be discarded once the sticker is in place, there is another 3Dprinted part supplied in the kit that becomes a permanent part of the radio. That part becomes a safety shield and is made from a light-colored filament. The rubber feet come next and it will help to have them in place during the rest of the assembly.

The assembly process continues on from the front panel and encompasses the power supply, the controls, and the Raspberry Pi, as well as the SDR modules (Photo G). The wiring process for the power entry module and the transformer involves a lot of wires and the need to cut them to various lengths, stripping and tinning each end of the wires before using them. The lengths of the wires and the amount of heat shrink tubing used in their installation are care-

### Looking Ahead Here are some of the articles we're working on for upcoming issues of CQ: • CQ Interviews: IARU Region 2 VP PT2ADM Results: 2022 CQ DX Marathon • A Tale of Two Baluns Plus... CQ Book Review: "The CW Way of Life" • A University Foxhunt in India • A Skeleton Slot Antenna for HF Through 432 MHz Do you have a hobby radio story to tell? A new circuit you've designed? An operating adventure? CQ covers the entire radio hobby. See our writers' quidelines on the CQ website at <http://bit.ly/2qBFOdU>.







Photo H. The Irwin Vise-Grip automatic wire stripper was very useful in preparing the many wires in this kit.

Photo G. The Raspberry Pi 4B and the heat sink, along with the SDRplay and the touch screen are also ready for assembly.

fully chosen. If cut and stripped correctly, the wires are the right lengths for their purposes (Photo H). I found a tool sold by Irwin/Vise-Grip to be very helpful during the wiring process. This tool is an automatic wire stripper and, although a bit big, it does a great job. This wire stripper from Irwin is numbered 2078300 and is available at Lowe's as well as online on Amazon, etc. for about \$25. This tool made the stripping process go quickly. Just be sure to shake out the bits of insulation that sometimes get left in the tool.

The "smarts" of this kit are in three modules, the SDRplay, the Raspberry Pi4 and the main CPU controller board (Photo I). The controller board has two surface-mount components already pre-mounted, but the rest are all assembled by the builder. I was surprised to learn that the main board also has a code practice keyer built in. There is a jack on the back panel which allows you to plug in a paddle and practice your CW skills while using this radio. I think this is a unique feature of this receiver.

When beginning the assembly of this kit, it is best to separate out the chassis parts before unpacking the controller board parts (Photo J). This will reduce the chance of losing or confusing the parts. The speaker is a high quality dualcone design capable of producing very clear sound. There is also a headphone jack for plugging in a stereo headset. Note that plugging in a headset does not totally mute the speaker, but it reduces its output greatly (Photo K).

The Saguaro's RF input uses the SMA panel connector supplied with the SDRplay, so be sure that you have an



Photo I. The main controller board has two surface mount parts already installed. The rest are added by the builder.

adapter available to connect your antenna. I often use either a BNC or PL-259 connector to connect my kit radios to my antennas. Since an RF adapter is not supplied, be sure to have the RF adapter that suits your shack antennas. The internal AC power supply allows for both 120 and 230VAC input so it is able to be used on most worldwide power sources. In addition, it can run from 12 VDC, which is great for taking it portable. Coming up, I will complete and test the Saguaro and I'll report on the final assembly and testing of this great new kit. The SR-74 Saguaro is available from DZ Kit at <www.dzkit.com>. Prices vary depending on the options you choose and if you are supplying the Raspberry Pi or SDRplay, etc.

Look for me wearing my traditional Hamvention Hat at not only the Dayton Hamvention in May, but many others this year as we celebrate getting together again at many hamfests.

Until next time, 73 de KØNEB



Photo J. The parts for the main controller board are packaged in labeled bags and even a hand tool needed in the process is supplied.



Photo K. The chassis part of the assembly is completed and awaiting the main controller board.

### Zero Bias (from page 6)

the actual number of sunspots has risen much more sharply than predicted and has already exceeded the first peak of Cycle 24, with about two years still to go on the upward portion of the cycle. The rise is even more dramatic in the 10.7-centimeter radio flux graph on page 94.

If you compare the rise of Cycle 25 in Figure 1 to the previous cycles shown in Figure 2, you'll see that it looks much more like the climbing phases of Cycles 21 and 22 in the 1980s and early '90s than the more recent (and much weaker) Cycles 23 and 24. Dr. McIntosh and his team believe the current cycle could even rival Cycle 19 in the late 1950s, which so far has set the benchmark for a super-strong solar cycle. On-air experience suggests that he could be right, with the high HF bands hopping with worldwide DX after many years in the doldrums, and F<sup>2</sup> propagation even extending to 6 meters and allowing intercontinental DX there as well.

During the long solar minimum between Cycles 24 and 25 (roughly three years), and with the pessimistic SC25PP prediction, some hams wondered whether we were entering into another Maunder Minimum. The reality, however, is that we might instead be heading to a McIntosh Maximum. Here's hoping!

### In This Issue

Our focus in this issue is on DXing and contesting, with three stories related to the 3Y0J DXpedition to Bouvet Island in the far South Atlantic, plus the CW results of the 2022 CQ World Wide DX Contest. Finally, Propagation Editor NW7US discusses (p. 87) another aspect of this very active sunspot cycle – solar flare-induced auroras visible much farther south than usual, and their impact on propagation.

Enjoy the spring weather and, if you're going, the Dayton Hamvention (we hope to return next year).

73, Rich W2VU

Notes:

1.Leutzelschwab, et. al., *The CQ Shortwave Propagation Handbook, 4<sup>th</sup> edition,* p. 2-7, CQ Communications, Inc., 2021. The Maunder Minimum was named for Walter Maunder, who first described the phenomenon, based on historical data, in the 1890s.

2.NOAA/NASA Solar Cycle 25 Forecast Update, 12/9/2019 <https://tinyurl.com/yntph8uz>

3.McIntosh, S.W., Chapman, S., Leamon, R.J. *et al.*, Overlapping Magnetic Activity Cycles and the Sunspot Number: Forecasting Sunspot Cycle 25 Amplitude. *Sol Phys*295, 163 (2020). <https://doi.org/10.1007/s11207-020-01723-y>



BY TRENT FLEMING,\* N4DTF

### Best Options for Software Defined Radios on the VHF-Plus Bands

his month, a potpourri of musings on matters (hopefully) of interest to VHF plus operators, or those who wish to be. Sporadic E season is in full swing in May, and increasing sunspots are providing additional opportunities on 6 meters. Looking toward the summer VHF contests, many folks are adding bands, updating antennas, or otherwise working to improve their station in preparation for a full season of VHF plus activity.

### Software Defined Radios and Transverters

Recently, a brand new Icom radio was announced, designed for the VHF plus market, the IC-905. We have talked about this a couple of times, including last month, but my point is that we saw lots of comments from US amateurs about the lack of 222 MHz and 902 MHz bands. This is really no surprise, however, because these bands are largely limited to North America, with certain exceptions, like portions of the Caribbean and South America for 222 MHz. We are, however. seeing growing interest in these bands, especially 222 MHz. This begs the question, what are amateurs doing to be active on weak signal work for these bands? While there are a couple of older rigs that provide all mode access, the answer, for the most part, is using a transverter.

Recently, I was able to speak to Mike Walker, VA3MW, at Flex Radio about their position on, and interest in, VHF and above amateur frequencies. In addition to his role at Flex Radio, Mike is a regular on my favorite Amateur Radio podcast, "Ham Radio Workbench". Finally, Mike is active on many amateur bands, including 10 GHz. So, he "gets us." Mike was kind enough to give me time to discuss software defined radio, VHF plus, and related matters.

Flex, which celebrates 20 years in business this year, is one of a handful of amateur transceiver manufacturers located in the US and focused on SDR (software-defined radio). I asked Mike about VHF and above, especially whether Flex would be producing such a radio. The success of the Icom 9700, which is built around SDR technology, is perhaps an example of amateur interest in such radios. Mike said Flex has had ongoing discussions about producing a VHF plus radio, but nothing is in the build stage yet. Resources are always a consideration to manufacturers, as well as pricing, potential number of units to be sold, and related matters. However, rest assured there are VHF plus enthusiasts at Flex, and their HF radios are currently designed to support transverters in an impressive way. First, one of the units features a 2-meter option, and all of their current rigs can be ordered with one or two transverter ports.

Using an SDR to drive a transverter means that all of the functionality of the SDR, including surveying the entire spectrum at once, is available to the operator. Problems that arise around bandwidth don't phase the SDR, because you can allocate as small or as large a slice of spectrum as you need. For example, I realized when setting up my 222 MHz transverter with my HF rig that I could not test by using the local repeater on 224.78 because my rig would not transmit [even]

into the +10db (10 milliwatt) transverter port] above 30 MHz. So, using the standard 28 MHz IF for the transverter, 222.100 equals 28.100, but 224.78 was out-of-band on 10. A similar situation occurs when using a 28 MHz IF for 6 meters. Anything above 50.2 is "out-of-band" So an SDR rig that opens up the entire spectrum from 30 kHz to 54 MHz will solve that issue.

Further, if you have used a radio with a spectrum scope, you understand the value of seeing across a selected frequency range. When a band is open, it can help you to see and work more signals. I often use a mouse to point and click to the next strong signal because I can clearly see it on the scope. Using your HF rig with this capability will allow you to expand it to any VHF plus band that you have a transverter for, and will improve your operation on those bands, especially when there aren't many signals, by helping you find activity.

One question I had for Mike is whether "serious" VHF plus weak signal operators were using his radios with transverters, and he assures me that there are many. I suspected that would be the case. Mike's official recommendation is that you use an SDR (he recommends Flex, of course!) to drive transverters for the bands of your choice. In today's environment, that is your best option for building a solid VHFplus station. But it's okay to continue to dream about that multi-mode VHF/UHF/SHF rig with 222 MHz and 902 MHz built in!

My thanks to Mike for his time, expertise, and insights.

### **Field Day**

It is mid-March as I write this, but I know some of you are already thinking about Field Day – when most of us will have better weather! I wanted to remind you that VHF and above does have a place in your Field Day operations. Six meters has been great already this spring and will likely get better. Field Day is generally in the peak of the  $E_s$  season, but no doubt we will have F<sup>2</sup> propagation as well. Whether you setup a GOTA station, or operate full time, VHF should be a part of your Field Day. I'm eager to hear your stories and see your photos of VHF-plus operations during Field Day.

### **Items of Interest**

### 222 Activity Night

Last evening, March 21 local time, I joined in the fun – or at least attempted to – in the 222 MHz activity night, that generally starts around 6 p.m. local time and goes until there's no one left. While this idea started in the Northeast, pockets around the country, including the Pacific Northwest, the Southeast, and around the Great Lakes are becoming more active. The best way to get in on the action is to log into the ON4KST page <www.on4kst.com> and select IARU Region 2 144/432 chat. You'll see stations chatting and attempting QSOs. This is a very welcoming group, and modes include SSB, CW, and FT8, with a little EME thrown in for good measure. I heard a couple of stations, but was unable to be heard, thus I have more work to do here in the shack.

<sup>\* &</sup>lt;n4dtf@cq-amateur-radio.com>

### Release of Icom 905

The long-awaited VHF/UHF/SHF radio will likely be available by the time you read this, as general availability was announced this week (mid-March). While there has been a lot of speculation around pricing, the announced retail pricing that I saw from one vendor is about what I expected. Producing an integrated unit, with available accessories designed specifically for it, is of course the point of this radio, and I believe that Icom has hit that mark. There's still quite a difference in home-brewing equipment versus buying such a radio, but that difference is, of course, more than just about price. Many SHF folks take pride in developing and building their own equipment, and the accompanying tweaking that goes along with it, and I don't think that will change. Such activities are as much a part of ham radio as operating. But the availability of a commercial rig as a way to get started on the microwaves is simply outstanding and bodes well for adding to the number of operators. Whether you choose to purchase such a rig or not, I think we can all commend Icom for taking this step forward. I realize I have written about this radio more than once, but I truly believe that in a few years we will look back on this moment as an important turn in the awareness and use of our microwave amateur frequencies. I look forward to hearing your thoughts and experiences!

### New Beacon on the Air

Art Jackson, K7DWI, reports that a new 2-meter beacon is operating from northeastern Texas. The WA5VHU beacon is operating on 144.276 MHz. It is located in Cooper, Texas, EM23di. Signal reports are of course welcome to WA5VHU. You may recognize Art as the chief snake handler for the "Sidewinders on Two" 2-meter weak signal group.

### Propagation on Six and Two Meters

Increasing sunspots bring exciting times, we are seeing spots for a wide variety of propagation types, especially on 6 meters, which now likely includes  $F^2$ . I've even seen some spots for  $E_s$  activity on 2 meters. I hope that those who are spotting are taking time to evaluate distances, signal strength, and signal quality to try and give us an accurate idea of the propagation they are enjoying, but it is certainly fun to see all the activity! As always, your reports of operating activity are encouraged.

### Letters! We Get Letters!

I'm always pleased when someone takes the time to call, write, email, or text to let me know about their activities. Our friend Don Woodward Jr., KD4APP, in EM84 recently sent me a report on his current antenna project and offered some thoughts on the Icom 905. Don, thanks for sharing with us:

"I have a tower project at my home underway and it will have 222, 432, 902,1296 (MHz) and 6 meters- all fed by 7/8" heliax except the 1296 MHz, which will be 1-5/8" heliax and the 6 meter will have 1/2" heliax. I am looking forward to better coverage – my current antennas are all under 20' on two 10' masts with a rotor in the middle, and are mostly blocked except south. I've also recently added transverters for 2304, 3400 & 5760 - looking forward to roving on those bands as well as 1296 MHz & 10 GHz, where I have had roving stations for a while.

I saw your other email about my thoughts on the Icom 905 – I believe it will help infuse more activity into the SVHF bands only if the price is palatable. When the Icom 705 came out I got one of the first units for my rover station and the waterfall interface is great for finding weak signals Listen for Don on the air from EM84 in Georgia!

That's it for this month – get on the air and make some noise and we'll be listening for you! One serious note – my mention of product names here doesn't constitute an endorsement. I find it helpful to speak in real terms about real radios, and that's all I'm doing. Thanks!

### **Transverter Options**

There are many options for transverters, but in case you are investigating for the first time, here are some names to consider. Please feel free to suggest others or let us know about your home brew projects.

Here's my partial list

- Down East Microwave
- Q5
- SSB Electronics
- Kuhne
- Ukrainian models available on eBay







# mobiling

BY JOHN KITCHENS,\* NS6X

### Mobile Awards and Activities

hile I was preparing to write this column, I was thinking (and that can be somewhat dangerous) about why we would operate or need to operate mobile. Other than just having fun while driving, maybe it is staying in contact with friends and fellow hams via the local repeater while taking a trip to Costco, or looking for Bouvet Island while taking the kids to water polo practice. There are also awards that are earned by working mobile operators, or being the mobile operator.

For example, CQ provides several awards, found at the CQ website. <http://www.cq-amateur-radio.com>. Along the left column there is an awards tab. Of the award programs listed, at the bottom is the USA-CA, the United States of America Counties Award (not California). The basic award is given after working 500 different counties and receiving a QSL card or approved electronic verification. There are a total of seven award levels, including working all 3,077 USA counties. Methods of approved electronic QSL verification can be found at <https://tinyurl.com/ yyzjzwur>, but basically at this time, the only electronic confirmations accepted are via eQSL.cc. Rules and access to a county-hunter spotting network are available at the CQ website, and at <www.countyhunter.com>. There used to be a county-hunter HF net, but that is no longer formally operating. The county hunter spotting system is available for hunters to know where county activators are located and operating, and for the activator to enter their location and frequency, the "spot."

Parks on the Air<sup>®</sup> (POTA), is fast becoming popular. There are YouTube channels devoted to videos of the operators POTA activations. One of the approved POTA parks is the San Bernardino National Forest. I have a house within the forest, in Big Bear City. I had to ask what the rules were for operating POTA from a private residence. For one, the activation site needs to be publicly accessible. So my house would



Photo A. Steve Taylor, K6UFX, of the WIN Repeater System is standing in front of the compartment where he keeps his 446.88-MHz portable repeater. The shortrange repeater operates while driving down the road, allowing multiple hams traveling together to use it as they drive. The repeater is beneath the yellow funnel.

not be approved within the intent and spirit of the POTA program. However, anywhere in the forest that had public access would be approved. There are many smaller parks and recreation areas within the forest, each with its own POTA identifier, such as the Silverwood Lake Recreation Area (K-3569) or the Sand to Snow National Monument (K-4545), so operating from one of those areas would provide a twofer status – two parks from one location. The activator would need to submit two different ADIF logs, one for each POTA activation.

### A Visit to Quartzfest

Portable operation will be a part of this column, as I see it as a form of mobile communications. More than 200 vertical antennas were supported by campers in tents, small RVs, and coaches at the Quartzfest hamfest in January. Quartzfest is a hamfest on federal Bureau of Land Management (BLM) land, where the camping is free, about six miles south of Quartzsite, Arizona. Go south from Quartzsite on 95 and look for the antennas on the right. The camping is free for up to a two-week maximum stay before the camper must move. If you're planning to stay longer, long-term camping is available with registration. It's still free. Many of the Quartzfest attendees live in their RVs, staying on BLM land for free.

With close to 400 attendees signed-in, the variety of radios and antenna systems was endless. One of the different mobile installations was a mobile 446.88 repeater in the coach of Steve Taylor, K6UFX (Photo A.). He is the board chairman and treasurer of the WIN System, <www.winsystem.org>, a repeater group with members and repeaters linked throughout the world. Steve's son, Bob Taylor, KF6QYX, built a repeater from two Kenwood handhelds, using a Raspberry Pi to run the controller and system. There were six duplexers mounted inside the repeater box, with a rechargeable battery. The repeater was operated while enroute, allowing a caravan to talk amongst themselves. K6UFX

<sup>\*</sup> P.O. Box 178

Somis, CA 93066

*Email: <ns6x@cq-amateur-radio.com>* 





Photo B. CQ columnist Gordon West, WB6NOA, and his mobile command post.

Photo C. WB6NOA's mobile communications unit operating position.

said the repeater had a range of a few miles, maximum. The box is self-contained, able to be carried about to use as a portable repeater. The duplexer allows one rubber duckie antenna to be used for receive and transmit.

Getting to think about the portable repeater, I found a controller built for the TYT and Baofeng radios for \$15 on eBay. Amazon has the Baofeng UV-5R radios, new with all accessories, for \$23. So, for \$61, I have the basis for a portable and mobile repeater. I added a duplexer that I was not using. It works well as is. I have a programmable repeater, VHF or UHF. For my use, it seems the duplexer might not be needed, but I will look for a reasonable, low-price, UHF duplexer that can be tuned to my frequency, following the band plan.

At Quartzfest, there is an antenna walk, taking a look at many of the antennas used, with the host telling the antenna story. There were commercial antennas and homebrewed antennas. Most of the antennas were verticals using a collapsible fishing pole, or a more expensive collapsible mast, to hold up a wire that was matched with many different types of matchboxes, sometimes called antenna tuners. Radials were constructed from individual wires and ribbon cable. Baluns, ununs, and other matching devices were also commercial or homebrewed. My *CQ* colleague Gordon West, WB6NOA, was there with his communication van, showing off not only his antenna system (Photo B) but also his equipment layout (Photo C) and power distribution system (Photo D).

One of the masts was made from a gardening pruning pole, extended 50 feet as used by Stuart Anthony, KE6NCU. Stu used three sections of the pruning pole that he got through eBay. David Fisher, NX6D used a 35' pushup fiberglass mast to hold a G5RV. He had



Photo D. WB6NOA's mobile communications unit power distribution block.



Photo E. A homebrew antenna, patterned after the DX Commander, and the radial system. Built by Michael Powell, KJ7LPO.



Photo F. An idea for a portable antenna mount. Drive over the flat part, holding the mount in place with the vehicle tire. The tilt-over vertical mast support makes erecting and working on the antenna relatively easy.

made a QSO with New Zealand. Mike Powell, KJ7LPO had a Spider Beam up 40' on a mast that was copied from a DX Commander (Photo E). Another ham demonstrated a drive-on mast support for portable operation (Photo F).

### Back to My New Truck

In the last column, I began to talk about my 2022 Ford F150 pickup and the mobile radio installation process. I have finally formulated a plan after allowing life to get in the way. I sent to Ford for information about installing radios into the truck. The dealer had told me to not install radios, as they could interfere with the computers in the truck and cause problems that would not be covered by the warranty. I received from Ford a carefully worded reply, but no technical bulletin. I was told that installing a radio system was not advised, but if I did, to not allow the radio system to interfere with the truck's computers. There are many microcontrollers in the truck - controlling the hotspot, Wi-Fi, navigation system, and all aspects of the engine operation. I was also told that connecting a "foreign" electrical system to the starting battery would cause the electrical system to see an unauthorized device and confuse the computers. I was told to isolate the truck battery from the radio system.

I had been thinking about many different types of systems, all using a standalone battery for power. The latest plan was to attach a solar panel on the rack on the bed shell. I have two 100-watt panels that I am not using for



Photo G. Chip Lohman, NN4U, installed a Tarheel antenna <https://www.tarheelantennas.com> on his F-150 pickup. He also mounted the Yaesu FT-891 on a cup holder mount from doradio.com>. He has an aluminum body truck that does not directly accept a magmount antenna. He solved that issue by placing a six-inch "donut" magnet on the inside of his moon roof glass with the magmount antenna attached through the glass. I would not drive with that arrangement, and would probably want a better ground plane. Things to think about.



Photo H. Gary Marks, WD8ICX, has installed an Icom IC-7100 and Icom V-800, with tuners and the control for his Tarheel antenna, using a RAM mount system. Gary operates multiple modes from his driver seat position. His laptop is resting on a support that is attached to the steering wheel of his Chevy Silverado.

anything else. I have breakfast weekly with the ROMEO club (Retired Old Men Eating Out), all hams. I had been talking about the installation with them. Rob Hanson, W6RH, had an RV battery isolator that he was not using and brought it to breakfast. I had planned to use a separate battery and was looking for a way to charge it.

Rob brought the Precision Circuits Inc. BIM160. It will do the job, but requires some searching for power to control the charging circuit. The isolator will connect to both the vehicle battery and the ".coach" battery. The isolator is connected to the ignition switch, or some other power source that is energized when the ignition switch is turned on, which closes the circuit between the two batteries to allow the alternator to charge both batteries. It is a one-way device which prevents power coming from or to either battery when the ignition switch is turned off. The power cables for the radios are connected directly to the "coach" battery, allowing power for the radios when the ignition switch is turned off, until the battery is depleted. My plan was to connect a

power distribution bar to the battery for power to the two radios, as well as handheld and phone charging. The Ham Radio Workbench podcast guys offered an Anderson Power Pole distribution box kit for sale from their website, and the user would add the Power Poles.

A better, simpler system had to be available. The BIM160 would work, but there needed to be a separate connection to the switched power source. An SPST switch would work to make the internal system work, but even that would create one more step. I forget stuff. I would forget to turn off or on the switch to charge or disconnect the radio's battery.

The West Mountain Radio IsoPwr battery isolator was found <https:// tinyurl.com/mr372dha>. I am sure that there are other similar battery isolators available, but the IsoPwr is a device that is simple to connect. The box comes with three Power Poles built in: one for the vehicle battery, one for the radio battery, and one to power the radios. There is no need to find a switched power source. When the charging system begins to look for the vehicle battery, the IsoPwr system becomes activated. It is a simple one connection to the vehicle battery, one connection to the radio battery, both via Power Poles on the IsoPwr side, and one connection to the radios or power distribution device. Wires and cabling still need to be provided between the different sources, but it becomes easier with the Power Poles and battery terminal connections. The isolator is not supposed to cause the vehicle's electrical system to become confused and think that there is a foreign electrical device connected to the vehicle battery.

The IsoPwr provides 40-amp service, plenty for the radios and power source for phone and handheld radio chargers. The power system is solved, for now. The solar panels, or one, will still be placed on the roof rack to charge a battery and other systems when the vehicle is parked. There are probably too many power sources in the arsenal. There are half a dozen different-sized Bioenno batteries for portable and SOTA work, with a solar charged "generator" producing 2.4 kilowatts. So, yes, there is radio power.

The next column will be the installation of the mobile radio system, with pictures.

# Keep Those E-Mails (and Photos) Comin'

Your input is always appreciated. I heard from Bob Kimbrell, W0AO, and his youthful adventures in the 1960s as bicycle mobile and his three half-wave collinear array for his Heathkit Twoer. Chip Lohman, NN4U, provided info for the next column, talking about how he has had no problem with RFI in his F-150, with pictures of his Tarheel antenna (Photo G). Gary Marks, WD8ICX, showed pictures and comments about his Icom IC-7100 and Icom V-8000 (Photo H). Gary also uses a Tarheel controlled with the MFJ SDC-104 screwdriver antenna controller.

Scott Hanley, WA9STI, reminded me that I sold him a Yaesu FT-690 many years ago. He still has the radio – maybe he would sell it back? Scott invited me to join the International Police Association Amateur Radio Club net. The net operates twice each week, Sunday and Wednesday at 1700Z, on 14.240 up to 18.127, depending upon propagation.

Send your comments, ideas, pictures, experiences, mobile trips, POTA events and anything else that you feel would be relevant to John at <NS6X@ cq-amateur-radio.com>. Until next month, 72/73.



### BY STEVE MOLO,\* KI4KWR

### King Charles III Coronation Award

hile looking for new and updated awards from around the world, I was actually contacted by several hams in Europe about a special award from the United Kingdom. With 2023 marking the coronation of King Charles III following the passing of Queen Elizabeth II, the W.A.B. Awards Group is marking the event with an award. W.A.B. stands for Worked All Britain and the group supports many awards (see <http://wab.intermip.net>). The coronation award is very straightforward and below are the criteria to be met for obtaining the award.

NOTE: This information is direct from the website and accurate as of this writing, but changes were being made as this was written, so we would suggest checking the website for updates <a href="https://tinyurl.com/3wzj48bv">https://tinyurl.com/3wzj48bv</a>. "Squares" mentioned in the criteria refer to 10-kilometer by 10-kilometer grid squares within the United Kingdom. See <a href="https://tinyurl.com/bdfktdxm">https://tinyurl.com/3wzj48bv</a>. "Squares" mentioned in the criteria refer to 10-kilometer by 10-kilometer grid squares within the United Kingdom. See <a href="https://tinyurl.com/bdfktdxm">https://tinyurl.com/3wzj48bv</a>.

### Criteria

The award is open to all and will be available on all modes and all frequencies.

The squares and members elements of this award may again this year be worked monthly for credit. The credit for any squares, and members not counted in the monthly round down will be carried forward to the next month.

Contacts with xx03 and xx33 Squares, Islands, Large Squares and with the W.A.B. club calls also form part of the award.

The initial certificate will be awarded for 10 points with endorsements for each subsequent 10. A new certificate and trophy will be awarded for each multiple of 100 points.

All contacts must be made within the 2023 calendar year, i.e. January 1 – December 31, 2023.

### Points - UK HF

• 3 points each 33 squares. The same square may be worked each month for credit

• 3 points each 33 members. The same member may be worked each month for credit

• 1 point each 3 Large Squares during the year

• 1 point each 3 Islands during the year

• 1 point each "03" or "33" Square during the year, e.g. JØ3, NH33, TG33

• 1 point each W.A.B. club callsign (Gx4WAB, Gx7WAB, Gx3ABG). The callsigns may be worked each month for credit. See the calendars (*on website – ed.*) for available dates, and if you wish to book one of the calls, please contact Kevin Hale, GØAKH at <g0akh@worked-all-britain.org.uk>. Due to license conditions, only full license holders may use the club callsigns.

There is a mandatory requirement of at least 33 Squares per stage to the first Trophy.

### Points - Others (EU HF, Data Modes)

- 2 points each 11 squares. The same square may be worked each month for credit
- 2 points each 11 members. The same member may be worked each month for credit
- 2 points each 3 Large Squares during the year
- 2 points each 3 Islands during the year

• 2 points each "03" or "33" Square during the year, e.g. JØ3, NH33, TG33

• 2 points each W.A.B. club callsign (Gx4WAB, Gx7WAB, Gx3ABG). The callsigns may be worked each month for credit.

There is a mandatory requirement of at least 16 Squares per stage to the first Trophy.

### Points - Others (UK VHF, Outside EU, Activated)

• 4 points each 11 squares. The same square may be worked each month for credit

- 4 points each 11 members. The same member may be worked each month for credit
- 1 point each Large Square during the year



<sup>\*</sup>Email: <KI4KWR@cq-amateur-radio.com>

1 point each Island during the year
4 points each "03" or "33" Square during the year, e.g. J03, NH33, TG33
4 points each W.A.B. club callsign (Gx4WAB, Gx7WAB, Gx3ABG). The callsigns may be worked each month for credit.

There is a mandatory requirement of at least 8 Squares per stage to the first Trophy.

For the activated category, members worked and W.A.B. club callsigns worked/activated will count towards the award. The club call must be worked/ activated other than at the usual QTH of the station.

Trophies will be presented at the W.A.B. A.G.M. and claims for such must reach the Awards Manager by the end of February preceding the A.G.M.

Please ensure you are using the latest version of the trackers. The latest version is v1.4 (version history: v1.3 has corrected totals on Special Squares tab – v1.4 has corrected totals on Monthly tabs March to December)

Some people seem to be having trouble with the trackers in OpenOffice and LibreOffice. We are investigating if a solution is possible.

One thing I would like to point out for this award and likely the others this wonderful group offers is this warning mentioned on their website:

The W.A.B. Awards Group draws your attention to the fact that some aspects of the W.A.B. scheme may be difficult to activate. Some may lie on private land. Activations may require members to be in possession of certain physical skills and be in a good state of physical fitness and health. When proposing a potentially difficult activation, members are advised to consult the relevant local organisation (e.g. the Coastguard or Mountain Rescue Services). Where an activation will be on private land, members are advised to seek permission from the owners before attempting the activation.

The Worked All Britain Awards Group does not take responsibility for damage to equipment, personal injury, or legal action resulting from any activity connected with the awards scheme.



### Young Ladies' Radio League, Inc. Since 1939

For 75 years the Young Ladies' Radio League, Inc. (YLRL) has helped women find their voice in Amateur Radio with members of all ages and interests.

The YLRL sponsors a number of certificates for both YLs and OMs. Members can earn special YL Certificates.

**YL-Harmonics** is our bi-monthly publication highlighting what women are doing in Amateur Radio.

YLRL gives out scholarships to YLs each year.

For more information on the YLRL, the current dues amounts, weekly YL Net locations or how to join please go to our website at www.ylrl.org or contact the Publicity Chairwoman, Cheryl Muhr, NØWBV at n0wbv@earthlink.net. All Officer information is also listed both on the website and in each edition of the magazine and you may contact any Officer as well.

With thanks to the OMs who encourage and support us.

### Visit us at www.ylrl.org

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# the ham notebook

TEXT AND PHOTOS BY WAYNE YOSHIDA\*, KH6WZ

# Getting Ready for the Maker Faire

### My Mission Continues



Photo A. Maker Faire Orange County (California) is October 23, 2023.

ast September, a local Maker Faire event took place and I almost missed it. I accidently found out about the event on Facebook, and I was just in time to submit an application to earn a place to be a Maker at the event. (Makers are "exhibitors" at these events.)

This year, I am making plans now for the event on October 23 (Photo A). I am also promoting the event and hope to encourage others to join me with their own booths so we can increase ham radio visibility.

To this end, I am writing this article to help inspire others to demonstrate ham radio to a mostly non-ham radio audience. I will also share some of my hints for success and other things that will make your exhibit more enjoyable for both you, your team and the event audience.

### Start with Why

It might be a good idea to start this article with a quick section on why participating in a Maker Faire event – or other public display or demonstration – is a good idea. Here are just a few reasons:

• It produces positive publicity for ham radio's role as a valuable and free emergency communications service to the community.

• It is educational and can be a positive influence on children and young adults.

- It can be a place to find new club members.
- It can help rejuvenate club members to participate in a group activity.
- It can generate interest in getting people interested in getting a ham license



Photo B. Getting kids interested in electronics, radio, and science is one of our Maker Faire Missions.

email: <kh6wz@cq-amateur-radio.com> Linkedin: www.linkedin.com/in/wayneTyoshida
- It can be a great place to meet new people, and pos-
- sibly new career opportunities.
- It is fun.

#### Plan, Prepare, Publicize

The Maker Faire experience should start many weeks before the event happens. This includes recruiting a team of enthusiastic people who can organize and execute assignments and tasks. If this sounds like Field Day planning, it should. All the elements for a successful Field Day apply to the Maker Faire.

Leverage social media and follow the appropriate hash tags to help find and exchange news and related information



Photo C. Microwave transverter systems are ideal for demonstration stations, since the antennas are usually small and the rigs are portable. And they are a very different kind of radio.



Photo D. The Mini Tesla Coil is shown on the right. A plastic medicine bottle covers the output. Holes are made so an insulated probe can be used to draw sparks and create artificial lightning.

for your event. Include science, education and hardware hacking among the tags, such as #makers, #stem, #hamradio, #scienceeducation, and others.

#### What's Your Mission?

Creating a mission statement will help you focus on specific goals for what you and your team will demonstrate (Photo B). For example, my Maker Faire Mission Statement has always been, and continues to be:

- To show people what today's ham radio operators are doing with the newest technology.
- To change the image of ham radio, making it contemporary and chic in a hi-tech way.



Photo E. This is a close-up of the Mini Tesla Coil.



Photo F. The lightning detector is always a popular item in the booth. The large analog meter and flickering light attracts attention.

• To emphasize how ham radio can be used for science and technology education and a possible career path for youngsters.

Our projects demonstrate how ham radio technology changes with the times, yet still includes both past and present to accomplish one thing: Creating ways to communicate voice and data over the ether, without wires.

Ham radio has always included teaching, learning, making, modifying, hacking, and networking. We want to remind people this "new Maker Movement" is not really a new idea. Read my LinkedIn post called "The Original Makers" to learn more about this.

#### The Demonstrations

We try to accomplish our mission statement by demonstrating our projects in a non-traditional way. Rather than simply setting up a radio station to talk to other ham radio operators, the radio projects become a major part of the demonstration. In most cases, we do not talk to other stations at all.

Instead, we become control operators, and allow the non-licensed visitors operate the equipment, making contacts across the room or within the



Photo G. The ADS-B receiver shows an example of kid-proofing. The notebook computer is placed under the explanatory poster to prevent keyboard access.



Photo H. Curiously, my do-nothing panel always gets lots of visitors. One momentary toggle switch activates a loud buzzer. .

booth. The rigs are usually connected to dummy loads, short whips, or even tape-measure antennas. This is also why microwave rigs make great demo stations, since the antennas are very small and the rigs can be portable, especially if the rigs are made for rovers (Photo C). And since this is a Maker Faire display, the covers are removed, so hardware hackers can see what is inside.

Often, we run into visitors who are hams, and we sometimes hear something like, "I have never seen radios like this before." That comment is satisfying for me to hear, since we demonstrate microwave- and millimeter-wave rigs, and it becomes a great way to recruit hams onto these higher frequency bands.

For example, my 10-GHz transverter system is used to demonstrate frequency up- and down-conversion, radio wave polarization, and antenna gain and directionality.

Over the years, the demonstration projects include Maker Faire-specific units, and expanded the gear to be "radio-related" rather than limiting things to ham radio units. The Mini Tesla Coil, Lightning Detector, ADS-B Receiver, and the art project called, "Inventory Reduction" are examples of this. (Photos D-H).

#### Safe and Kid-Friendly

Photo I shows one of my favorite signs I have ever seen at a Maker Faire. I like it because it summarizes one aspect of a Maker Faire in just two lines.

On a more serious note, a few of my projects may be harmful for little ones, especially the curious ones who like to touch things. Touching things should not be a problem, and is in fact expected, at a Maker Faire. Just like the sign says, something is dangerous, but come closer, we will keep you safe.



Photo I. One of my favorite Maker Faire warning signs.



Photo J. My 24-GHz transverter includes various LEDs to indicate voltage and status. It can be fascinating for nonhams to see and hear relays clicking, lights switching, and meter needles wiggling. It can also be a lesson in radio concepts like frequency multiplication (conversion) and other things.



Photo K. Good graphics create a professional look to Maker Faire exhibits.

The lightning detector is built into a small LCD monitor cabinet. The monitor fell off my shelf one day, making it useless. Rather than putting it into the hazardous e-waste bin at the office, I took it apart, keeping the power supply, speakers, and audio amplifier sections. The right side of the unit contains a small switching power supply, with 12- and 5-volts output. However, the AC mains input is exposed inside, and if someone accidently pokes a finger into just the right place,



Photo L. This is a rear view of the booth. Tablecloths, signs, and professional-looking posters enhance the experience for everyone.



Photo M. Jeri Ellsworth, AI6TK, is an honorary member of the KH6WZ Maker Faire Team.



it will not be a pleasant experience. So, a clear plastic shield covers the opening from curious probing.

#### Maker Faire Marketing Communications: MarCom

As a technical writer with marketing communications and advertising experience, I always consider Maker Faire events as trade shows since we are performing marketing and branding as well as educating and exposing people to ham radio.

I try to make my projects visually appealing, by including indicator lights and meters to show the working state of the equipment. I may add additional lights just for show, but not always. My call sign is always visible on my projects since this is also part of my personal brand. Photo J is a view under the top cover of my 24-GHz transverter. Various LED colors indicate voltage and status: For example, 5 volts on transmit-only, 12 volts for both receive and transmit.

Posters are made to help explain what is happening and add visual elements to the booth. All posters have a consistent appearance and format which helps unify everything in the booth. I use Microsoft PowerPoint to make 11 x 17-inch color prints and then have them mounted to foam core boards at the local FedEx Kinko's center. They are durable and can be framed when I retire them from being displayed at events (Photos K & L).

Posters and banners must be supported safely and securely, and must not be attached to any walls or venue surfaces. Most booth spaces will have pipes and drapes to delineate booth spaces, but not always. In one case, there were no drapes or supports at all, only duct tape or chalk marks on the concrete floor showed exhibitors where their spaces were. Because of this, I had to come up with a cheap, sturdy and easily transportable support for my posters and banner. And I needed it immediately. I grabbed my woodworker's pipe clamps, added a threaded PVC tee to the top, and used some solid copper wire to make a small hook to support the big yellow banner. Then I used some more wire to go across the back of the table, creating a "clothesline" to support the posters. If you look closely, you can see the pipe clamp gripping the table. Although heavy, they worked very well, and I spent zero dollars on the support system.

Speaking of the tables, for some reason, I always seem to get the rattiest, most splintered and stained tables at these events. So several years ago I bought some disposable picnic tablecloths from the grocery store. They

Photo N. The Maker Faire go-kit includes a small tool kit so repairs can be made in the field. worked but were too thin and lasted only for one show. But tablecloths hide the ugly tables and increase the contrast for the items on display. Always watching my budget, I bought some curtains from the local Ikea as-is section for about five dollars. They are nice and thick, machinewashable and work wonderfully.

As a final touch to the unified identity and branding of the KH6WZ "Not Your Grandpa's Ham Radio" team, Dennis Kidder,W6DQ, made custom polo shirts for us with our logo on them. (Our logo is an upside down "electrical hazard" symbol.) In Photo M, Jeri "Circuit Girl" Ellsworth, Al6TK, receives one of our shirts, as an honorary member of our team.

#### Maker Faire Go-Kit

One last thing. Like my emergency communications go-kit, I have a Maker Faire go-kit (actually, it is the same thing). It includes tools and spares so if any project breaks or a fuse blows, I can get the item back on the air to make sure the show goes on (Photo N). Sharpeyed readers can spot one of my "waiting tools" when things are on hold: A vintage Duncan yo-yo.

Maker Faire events all over the world are great venues to help make learning science, technology, engineering and math fun. Combined with other Maker elements such as sculpture, kinetic art and other amazing things, there is surely something for everyone to enjoy.

What will you or your radio club bring to the Maker Faire? 73, Wayne



#### References

Maker Faire Orange County, CA: <https://oc.makerfaire.com/> Maker Faire website: <https://makerfaire.com/> Make: <https://make.co/> "The Original Makers": <https://tinyurl.com/yrfkykeu> "A Paradigm Shift: Turn Your Ham Radio Station into a Demonstration Station" in *CQ* magazine for July 2015.

Jeri Ellsworth AI6TK on YouTube: < https://tinyurl.com/3k73p72x >



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## DX (from page 13)

changes for us to get on the air. After developing a smaller initial approach, eight operators landed on Bouvet with two radios and three vertical wire antennas (Photo F). We planned to use the much smaller 1.8-kilowatt Honda generator that had initially been brought to run power tools. Just about everything we did on Bouvet took much longer than it would have under reasonable conditions. In Norway, the team was able to put up the tent in under 30 minutes. However, in the howling winds of Bouvet and gravel ground requiring much more work on the anchoring, it took us as a team about two hours to put up the same tent (Photo G). It took the team 12 hours to land on the island and build the camp (Photo H). As the sun went down on our first day back on Bouvet, we had not even begun to put up antennas or get radios out. After a warm meal in our secure tent, we went to sleep(Photo I). We just had our mats to sleep on (Photo J). However, we were all warm and woke up ready to get 3YØJ on the air.

Photo K. Setting up a vertical antenna on Bouvet during a short period of good weather.



It still took us about six hours to put up the three verticals (Photo K), make proper adjustments, and put the stations together (Photo L) as well as finish up some work needed to complete preparations for an upcoming storm. Our initial forecast showed the storm coming from the northeast, which we had prepared for. We woke to a forecast now that said the winds would be from the southeast, so we took further precautions to anchor the tent. Again, the howling winds made every step outside the tent a challenge. It was finally time to get on the air and Ken Opskar, LA7GIA, and Erwann Merrien, LB1QI, were the first to put 3YØJ on the air (Photo M).

Within minutes the pileups were spilling across the band, although not as we had anticipated, but 3YØJ was on the air. We settled into 2-hour shifts and ran SSB and CW for the first few days. With our 100 watts into vertical wire antennas, we had a weak signal compared to the beams and amps we had planned on using. This added an extra layer of difficulty to working the pileups. It was not unusual to have to call a station five times before they would hear our weak signal through the QRM. It was no doubt frustrating on both sides of the pile.

Unfortunately, our weather window that would allow us to land more equipment in three days kept getting pushed back. Having good conditions at the beach on Cape Fie did not necessarily mean that the Marama was having the same conditions. We needed both the beach conditions and the conditions on

#### CQ DX Awards Program

N3RC	CW Endorsement	326
WK3N	RTTY Endorsement	339

The basic award fee for subscribers to CQ is \$6. For non-subscribers, it is \$12. In order to qualify for the reduced subscriber rate, please enclose your latest CQ mailing label with your application. Endorsement stickers are \$1.00 each plus SASE. Updates not involving the issuance of a sticker are free. All updates and correspondence must include an SASE. Rules and application forms for the CQ DX Awards may be found on the <www.cq-amateur-radio.com> website, or may be obtained by sending a business-size, self-addressed, stamped envelope to CQ DX Awards Manager, Please make checks payable to the Award Manager, Keith Gilbertson. Mail all updates to Keith Gilbertson, KØKG, 21688 Sandy Beach Lane, Rochert, MN 56578-9604 USA. We recognize 341 active countries. Please make all checks payable to the award manager. Photocopies of documentation issued by recognized national Amateur Radio associations that sponsor international awards may be acceptable for CQ DX award credit in lieu of having QSL cards checked. Documentation must list (itemize) countries that have been credited to an applicant. Screen printouts from eQSL.cc that list countries confirmed through their system are also acceptable. Screen printouts listing countries credited to an applicant through an electronic logging system offered by a national Amateur Radio organization also may be acceptable. Contact the CQ DX Award Manager for specific details.



Photo L. The 3YØJ team used the battle-tested Elecraft K3S radios to operate from Bouvet.

	The WP	X Program
	SSB	Digital: 350 AC8VZ, K4WY, W7CHW. 400 KI4CYB, KEØRUJ. 450 KC9QFH. 600 NR6AM.
4467	W5IO	800 N6ZDH, 850 N1HO, 950 AJ6X, 1000 N2TC,
4468	VE3SVQ	1050 JHØEYA, 1200 KD2NF, 2150 EA3EQT
	Mixed	80 Meters: NB6AM_EA3EQT
		60 Meters: KD2NE
1563	VCØB LI	40 Meters: KD2NE IHØEVA EA3EOT
4564		20 Motors: KD2NE
4504		
4000		20 Melers: KD2NF, KV8P, KU9QFH, JAOUJK,
4566	K2GRI	
4567	W9LRG	17 Meters: N1HO, KD2NF
4568	KEØRUJ	15 Meters: YCØBJJ, KD2NF, NA5WH, AJ6X
4569	WØGN	12 Meters: DU1/NFØO
4570	K7NX	10 Meters: WØGXA, KC3VMI
	Digital	Africa: IW7DVM
	5	Asia: NB6AM_YCØBJJ_JAØCJK_WØGXA
1899	W5IO	IKINPH WØGN
1900	AF1SI	Europe: YCØB.I.I. KV8P. KI4CYB. IHØEYAM
1901	KC9OFH	WØGXA WØGN
1902	AC8V7	Oceania: JAØCJK JK1NPH
1903		North America: YCØB.U KC9OEH AC8VZ
1904	NEAVI	NGAVI KIACYB IHØEVA WØGXA KOGBI
1905	KI4CYB	W9LBG W7CHW KEØBLLI VE3SVO WØGN
1906	K4W/Y	K7NX
1907	KC3VMI	
1908	KEARD I	Complete rules and application forms may be ob-
1909	W9I RG	tained by sending a business-size self-addressed
1910	W7CHW	stamped envelope (foreign stations send extra
1911	JK1NPH	postage for airmail) to "CO WPX Awards" P O Box
1912	KFØRU.I	355. New Carlisle, OH 45344 USA, Note: WPX will

CW: 950 WØGXA. 1500 HB9JOE. 4450 I7PXV

1912 .....KEØRUJ

SSB: 500 KV8P. 750 HB9JOE

Mixed: 400 KEØRUJ. 450 KC9QFH, K7NX. 500 KI4YCB. 650 NR6AM. 700 WØGN. 750 IW7DVM. 800 N6ZDH. 1000 YCØBJJ, AJ6X. 1050 JHØEYA. 1100 N1HO, N2TC. 1250 KD2NF. 2000 WD8ANZ. 2050 HB9JOE. 2100 WD8ANZ

World (LoTW). \*Please Note: The price of the 160, 30, 17, 12, 6, and Digital bars for the Award of Excellence are \$6.50 each.

now accept prefixes/calls which have been con-

firmed by eQSL.cc. and the ARRL Logbook of The

the Marama to line up at the same time. This became very frustrating for the team to watch as the conditions to land were good but the conditions at the Marama would be too rough, causing her to seek safer conditions elsewhere. As time went on and days slipped by, the hope of bringing in more equipment beyond the necessary basics was looking less likely. Oftentimes on DXpeditions, you experience challenges with some balance of good luck. However, Bouvet did not seem to offer many breaks, it just kept pummeling us.

A week had passed since we landed on the island and we

had only been able to resupply essential needs. Our time on Bouvet was running short and we were now to a point where, even if we could get the generators and fuel on the island in the next weather window, if we had another week of bad weather we would not be able to leave Bouvet when we needed to. Also, the team realized that getting the supplies off the island would be harder than bringing them on. As we watched our fuel supplies dwindle and seas continue to churn at Cape Fie, the reality was setting in that we might need to leave Bouvet early as supplies would run low. This was a very dif-

#### 5 Band WAZ

As of March 15, 202 2474 stations have	23 attained at least t	the 150 Zone level, and	Callsign	Zon	es	Zones Needed	Callsign N5WA	5BWAZ # 2472	Date 03/11/2023	# Zones 180
1100 Stations have			HB9FIMIN	198	10		W8UV	2473	03/12/2023	184
As of March 15, 202	23		ITEIS	198	1	& 19 ON 10IVI	S5/AT	2474	03/12/2023	195
The top contenders	for 5 Band WAZ	(Zones needed on 80	JAIDM	198	0	2,40				
or other if indicated)			JABGN	198	20		Updates to t	ne 5 Band WAZ	list of stations:	
CHANGES Shown II	N BOLD		JA/MSQ	198	20				<b>.</b> .	
	_	_	JH1BNC	198	20	00 80M & 10M	Callsign	5BWAZ #	Date	# Zones
Callsign	Zones	Zones	JHIEEB	198		2, 33	HI8RD	2372	5/16/2022	192
		Needed	KØDEQ	198		22, 26	IT9DAA	2414	10/9/2022	193
AK8A	199	17	K1BD	198		23, 26	JK1AJX	1078	5/8/1998	200
DF2GH	199	31	K2EP	198		23, 24	G4OWT	1614	11/1/2008	198
DM5EE	199	1	K21K	198		23, 24	N6PF	1877	6/14/2014	200
EA5RM	199	1	K3JGJ	198		24, 26	JA1QJI	1988	4/21/2018	200
EA7GF	199	1	K3WA	198		23,26	JA6GPR	2174	12/13/2019	189
H44MS	199	34	K3XA	198		23,34	W2IRT	1546	5/11/2007	200
HAOHW	199	1	K4JLD	198		18, 24	EU1KY	2329	10/15/2021	200
HA5AGS	199	1	K9MM	198		22, 26	VO1HP	2302	4/12/2021	194
I5REA	199	31	KI1G	198	24	4, 23 on 10M	KJ6NZ	2308	6/1/2018	200
IKOXBX	199	19 on 10M	KZ2I	198		24, 26	W6WF	2213	5/10/2023	166
IK1AOD	199	1	LA3MHA	198	31	&32 on 10M	VU2LBW	1966	2/13/2018	178
IT9GSF	199	1	N4GG	198		18, 24	E72A	2263	12/28/2020	200
IZ3ZNR	199	1	NXØI	198		18, 23	K8DV	2391	7/3/2022	190
JA1CMD	199	2	ON4CAS	198		1,19	JH7XRG	2045	6/9/2018	200
JA5IU	199	2	OZ4VW	198		1, 2	VE2EBK	2332	11/3/2021	199
JA7XBG	199	2	RL3FA	198	2	on 80 & 10M	DF2GH	2032	5/28/2018	199
JH7CFX	199	2	UA4LY	198	6	& 2 on 10M	K3STX	1701	11/9/2010	191
JI4POR	199	2	UN5J	198		2, 7	WB7QXU	2221	5/31/2020	187
JK1BSM	199	2	US7MM	198		2, 6	LU4FPZ	1679	3/17/2010	196
JK1EXO	199	2	W5CWQ	198		17, 18	JK1DDG	2462	2/19/2023	170
K1LI	199	24	W7AH	198		22, 34				
K3LR	199	23	W9RN	198	20	6, 19 on 40M	New recipier	nts of 5 Band W	AZ with all 200 Z	ones
K4HB	199	26	WC5N	198		22, 26	confirmed:			
K5TR	199	22	WL7E	198		34, 37		0	<b>D</b> .	All 000 //
K7UR	199	34	Z31RQ	198	1	, & 2 on 10M	5BWAZ #	Callsign	Date	All 200 #
KZ4V	199	26	ZL2AL	198		36, 37	1078	JK1AJX	1/23/2023	1113
N3UN	199	18					2442	JE1FQV	1/25/2023	1114
N4NX	199	26	The followin	g have qualified f	or the basic 5 E	Band WAZ	1877	N6PF	1/25/2023	1115
N4WW	199	26	Award:				2445	JF1UVJ	1/2//2023	1116
N4XR	199	27					1988	JA1QJI	1/29/2023	1117
N8AA	199	23	Callsign	5BWAZ #	Date	# Zones	2447	JE1SYN	1/29/2023	1118
N8DX	199	23	TA2LG	2440	01/21/2023	192	2451	JH1GZE	2/3/2023	1119
N8TR	199	23 on 10M	W9WO	2441	01/22/2023	165	2452	JL1SAM	2/4/2023	1120
RA6AX	199	6 on 10M	JE1FQV	2442	01/25/2023	200	1546	W2IRT	2/11/2023	1121
RW0LT	199	2 on 40M	KC10PD	2443	01/25/2023	181	2454	JA4LKB	2/11/2023	1122
RX4HZ	199	13	JG1PUW	2444	01/25/2023	171	2458	JH3VWN	2/11/2023	1123
RZ3EC	199	1 on 40M	JF1UVJ	2445	01/27/2023	200	2329	EU1KY	2/1//2023	1124
S58Q	199	31	LX1JH	2446	01/29/2023	167	2459	JKIGOK	2/17/2023	1125
SM7BIP	199	31	JE1SYN	2447	01/29/2023	200	2460	JF3KON	2/17/2023	1126
SP9JZU	199	19 on 10M	AA8KY	2448	01/29/2023	151	2308	KJ6NZ	2/18/2023	1127
US0SY	199	1 on 15M	K9NR	2449	01/29/2023	181	2462	JHIIFS	2/19/2023	1128
VE2EBK	199	26	AA5NT	2450	02/03/2023	172	2263	E/2A	2/28/2023	1129
VK3HJ	199	34	JH1GZE	2451	02/03/2023	200	2265	PC31	2/28/2023	1130
VO1FB	199	19	JL1SAM	2452	02/04/2023	200	2467	JH4ALY	3/4/2023	1131
W1FJ	199	24	WO2T	2453	02/05/2023	184	2045	JH/XRG	3/6/2023	1132
W1FZ	199	26	JA4LKB	2454	02/11/2023	200	2468	JR/FRW	3/6/2023	1133
W3LL	199	18 on 10M	JR0QFA	2455	02/11/2023	175				
W3NO	199	26	DL6UAA	2456	02/11/2023	192	Rules and ap	plications for the	e WAZ program n	nay be obtained
W4LI	199	26	VK2HV	2457	02/11/2023	151	by sending a	arge SAE with t	wo units of postag	je or an address
W6DN	199	17	JH3VWN	2458	02/11/2023	200		Repute State Pr	Awaru Manayer,	JUSE Castillo,
W6RKC	199	21	JK1GOK	2459	02/17/2023	200	nrocessing fe	o for the 5RWA	7 award is \$10 00	for subscribers
W6TMD	199	34	JF3KON	2460	02/17/2023	200	(nlease inclu	de vour most re	cent <i>CQ</i> mailing	label or a copy)
W900	199	18 on 10M	K9UO	2461	01/02/1900	159	and \$15.00 f	or nonsubscribe	ers. An endorseme	ent fee of \$2.00
W9XY	199	22	JH1IFS	2462	02/19/2023	200	for subscribe	ers and \$5.00 fo	or nonsubscribers	is charged for
9A5I	198	1, 16	JK1DDG	2463	02/19/2023	168	each addition	nal 10 zones co	nfirmed. Please r	nake all checks
AB4IQ	198	23, 26	VA2ZO	2464	02/25/2023	199	payable to J	ose Castillo. Ap	plicants sending	QSL cards to a
DL6JZ	198	1, 31	PC3T	2465	02/28/2023	200	CQ checkpo	int or the Awar	rd Manager must	t include return
EA5BCX	198	27, 39	HB9DQV	2466	03/01/2023	188	postage. N4E	BAA may also be	e reached via ema	il: <n4baa@cq-< td=""></n4baa@cq-<>
F5NBU	198	19, 31	JH4ALY	2467	03/04/2023	200	amateur-radi	o.com>.		
F6DAY	198	2 on 10M & 15M	JR7FRW	2468	03/06/2023	200	*D/	0		- 0100
G3KDG	198	1, 12	JN1XNI	2469	03/07/2023	179	"Please note	Cost of the 5 B	and WAZ Plaque	is \$100 shipped
G3KMQ	198	1, 27	JKIVXE	24/0	03/08/2023	154	within the U.	J., ⊕1∠0 all lore	sign (sent armall)	•
G4OWT	198	1, 27	JG2TSL	24/1	03/11/2023	170				

## CQ DX Field Award Honor Roll

The CQ DX Field Award Honor Roll recognizes those DXers who have submitted proof of confirmation with 175 or more grid fields. Honor Roll lisiting is automatic upon approval of an application for 175 or more grid fields. To remain on the CQ DX Field Award Honor Roll, annual updates are required. Updates must be accompanied by an SASE if confirmation is desired. The fee for endorsement stickers is \$1.00 each plus SASE. Please make all checks payable to the Award Manager, Keith Gilbertson. Mail all updates to Keith Gilbertson, KØKG, 21688 Sandy Beach Lane, Rochert, MN 56578-9604.

		IVID	ked					
K2TQC	HA1RW	WI8A       219         HA1AG       218         JN3SAC       217         WA5VGI       216         HA9PP       213         IV3GOW       211         W4UM       210         N4MM       208         OK1AOV       208         F6HMJ       206	KF8UN       205         OM2VL       205         K1NU       204         K1NV       204         VE7SMP       204         RW4NH       203         HB9AAA       200         N5KE       200         W3LL       199         NI/2C       196	ON4CAS       194         HB9DDZ       193         N4NX       192         HA1ZH       190         BA4DW       188         K2AU       187         K8YTO       186         WO7R       185         N3RC       184	K2SHZ			
		SS	SB					
W1CU249 W4ABW202	VE7SMP201 KØDEQ198	W4UM198 JN3SAC192	N4MM189 WA5VGI189	W3LL187 NØFW176	DL3DXX175			
		С	W					
N3RC326 W1CU254 HA5WA234	DL6KVA233 KØDEQ214 JN3SAC211	DL3DXX210 DL2DXA209 W4UM201	OK1AOV198 WA5VGI197 NIØC196	HB9DZZ189 N4MM186 OK2PO184	N4NX177 N7WO175			
	Digital							
W1CU206	JN3SAC178	HA5WA177	KØDEQ175					
		RT	ТҮ					
WK3N339								

## QSL of the Month: W6ODD/CR8 – Diu, Portuguese India (1948)

Here is this month's installment in our new "QSL of the Month" series, provided by Tom Roscoe, K8CX, of the K8CX Ham Gallery <www.hamgallery.com>. Tom provides the backstories as well as the card images. We hope you enjoy seeing some very cool QSLs from the past! – N2OO



This is the W6ODD/CR8 QSL card from the ARRL DXCC deleted entity of Damao, Diu. The card may not look like much but is considered one of the rarest QSL cards in the world. Operator Willard Hunton, now SK, made the only operation from this entity from Diu Island, Portuguese India, on September 2, 1948. He only made around 55 QSOs. If you were not on 20-meter CW that morning, or didn't have propagation, you never added this rare entity to your DXCC total. Five of these QSL cards are known to exist.

73, Tom, K8CX

ficult decision to consider, involving multiple discussions both with team members on the island and with the crew on the Marama. Bouvet had taught us to not look too far ahead. We were finally going to have a half-day window, which would be followed by worsening conditions in the evening and another storm with sustained winds of 50 knots the following day.

The question posed to the team was simply: Should we try to bring on the generator? There was no reason to bring any other equipment unless we could get the diesel generator on the island. We had seen a week of surf and wind on Bouvet and we had learned that a weather opening on this tiny island in the middle of the Atlantic was something very different from a larger land mass that was able to



Photo M. Ken Opskar, LA7GIA, and Erwann Merrien, LB1QI, operating from the 3YØJ radio-shack.

provide more reasonable conditions. Ultimately, the co-leaders decided that the time left to operate and the risk involved in bringing on the supplies did not make sense, so we would use the coming window to leave Bouvet.

Later that evening our generator died and Bouvet was off the air. We went to sleep early that night, as we needed to wake at 3:30 a.m. to start tearing down camp so we would be ready for the Marama to possibly start taking us off the island at 5 a.m. It was an exceptionally cold night and we burned some extra paraffin in the morning to heat the tent. By the time the sun was rising, our personal supplies were packed and we quickly took down the antennas. The deci-

sion was made not to start taking down the tent until after we saw the weather hold and the first load of supplies was on its way to the Marama around 7 a.m. With 6-foot waves, Peter was able to skillfully land the Zodiac on the beach. It took 6 or 7 loads to get us all off the island. Within several hours of being back on the Marama, the winds increased and the weather window was gone.

We would spend the next two days in 40- to 50-knot winds, waiting for our chance to leave Bouvet. In still poor conditions, but better than the last two days, the Marama's John Deere engine was turned on and we made our way around the southeast end of Bouvet in hopes of taking a few pic-

#### The WAZ Program

10424			
	N4SV	446N4	ISV
10425	N9AVC	447JF1W	/HJ
10426	.IE1WH.I	448	SW
10420		140 IK10	
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10429	JK1DDG	451JH8P	FVV
10430	KK4AUM	452JH8ł	HIQ
10431	WF8R	453W	3LJ
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10433	JH7HIQ	455JA9C	JМ
10434	K6DLB	456 DI 11	TG
10435	W/3L	457	TI
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10400		450	
10437	NOUB	409UII3N	
10438		460K1B	DC
10439	VA2ZO	461JA1I	HD
10440	DL1LTG	462JH6Q	OK
10441	K50MC	463N9DI	MM
10442	JN1SUT	464WA6Y	OU
10443	IK0TUM	465JA0W	VJA
10444	K7NX	466	хIJ
10445	ΙΗΛΔΙ Υ	467 INI1	XNI
10446	КМИНОЕ	469 LUAR	
10440		400LU41	
10447		409JDON	
10448	JH1IHD	470	
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10451	N9DMM	SSB	
10452	JR7FRW	5554EL2H	IRH
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SINGLE BAND WAZ	
6 Meter	IR0QFA
206	JG2TSL
12M CW 115	КЗХА
12M Digital	IW3GJF
15M CW	FARKV
15M Digital	40100
20	F4BKV
141	F4BKV
17M Digital	KJ7TEA
37 38	.K0BBC
20M CW	
691 692	N5WA S57AT
20M Digital	
66	JR3VMJ
68	WF8R
69 70	JH7HIQ IB9DQV
71	.HP2AT
73	K9UO
74	JN1XNI
30M Digital 26	.K0BBC
40 CW	F4BKV
343	JF3LOP

#### ALL BAND WAZ

Mixed	
10413	K9UO
10414	KT4O
10415	JE1PEN
10416	G4DDL
10417	N9MR
10418	JL2ULM
10419	JR3ADB
10420	W7QF
10421	N4NYY
10422	JP7SOZ
10423	JR1IXK

tures of the weather station that could be shared with the Norwegian government to help understand the current condition of the station. As we finally headed north toward Capetown, South Africa, the captain told us to prepare for three days of rough seas.

Bouvet was finished, not how we had hoped to finish, but how Bouvet allowed us to. After two years of planning, we left Bouvet falling short of our intended QSO goals. However, we had no injuries, not even a sprained ankle. We left with our health and much knowledge about Bouvet. We had taken our best shot at the number-2 most-needed entity in the world. Bouvet had proven again to be a formidable adversary and with our successes and failures, it had no doubt been the trip of a lifetime.

#### The WPX Honor Roll

The WPX Honor Roll is based on the current confirmed prefixes which are submitted by separate application in strict conformance with the CQ Master Prefix list. Scores are based on the current prefix total, regardless of an operator's all-time count. Honor Roll must be updated annually by addition to, or confirmation of, present total. If no up-date, files will be made inactive. Visit <a href="https://tinyurl.com/mrxuvwvv">https://tinyurl.com/mrxuvwvv</a> for current listings.

				MIXED				
96769A2AA 86639A2NA 8196W1CU 8188K2VV 7059EA2IA 6955KF2O 6139KØDEQ 5908ON4APU 5859ON4CAS 5715S53EO 5597N4NO 5511N8BJQ 5482VE1YX 5453YU1AB 5409N6JV 5387W9OP 5215I5RFD 5172W9OO 5018WA5VGI 4763KW9A	4757I2MQP 4703IK2ILH 4668JH8BOE 4574JN3SAC 4461K1BV 4423N1RR 4417WD9DZV 4342WB2YQH 4298VE3XN 4241N6QQ 4215W3LL 4201YO9HP 3818K9UQN 3793AB1J 35389A4W 3459W9IL 3130SV1EDY 3109W6XK 3151NXØI 3099N6FX	3077K1PL 3028IK2DZN 2992W2YR 2987AG4W 2968AB1OC 2963N3RC 2697AK7O 2651HK3W 2642AA8R 26169A2GA 2591IK2RPE 2589DG7RO 2583AE5B 2550K6ND 2457K5UR 2538K4HB 2465N6PM 2420WA6KHK 2400N7ZO	2391IZØFUW 2386JH1QKG 2356NE6I 2225JH1APK 2203KI1U 2176V51YJ 2159VA7CRZ 2133KØKG 2113W2FKF 2056NKØS 2046YO8CRU 2016N2WK 1995JR3UIC 1972K3CWF 1955NIØC 1945NIØC 1945NIØC 1945NIØC 1945NIØC 1945NIØC	1746K6UXO 1741N6PEQ 1711NS3L 1707K4WY 1684W1FNB 1672WU9D 1667AD3Y 1643SV1DPI 1639N7QU 1616TA1L 1590JF1LMB 1570PY5VC 1568N3AIU 1547KC1UX 1524NH6T/W4 1484FG4NO 1480K4JKB 1462DL4CW 1447K3XA	142212VGW 1408NH6T 1398ES4RLH 1361VA3VF 1333AF4T 1322A4FU 1301KB9OWD 1301KM5VI 1299JA6JYM 1295NIØC 1280WF1H 1260UR6LEY 1219K6HRT 1217AB1QB 1204VA2IG 1201K9BO 1167WA9PIE 1153N3CAL 1148SP8HKT	11414F3BZ 1137YO5BRZ 1136KO9V 1116YU7FW 1112N6MM 1107PY2MC 1100WA3GOS 1109KE8FMJ 1088NJ4Z 1084KG4JSZ 1069IZ4MJP 1058N6DBF 1036DL5KW 1032DG5LAC 1023N4WQH 1016W9QL 1012NØVVV 1010VE3RZ 1007A44QE 1006NØRQV	1000WB6IZG 999N3DF 995PU2GTA 966W6WF 953JP1KHY 919ON7MIC 908N2YU 889W1U 866K2KJ 857R1AV 835K6RAH 803AB1Q 758N4JJS 757WB3D 736JA3MAT 711AG1T 695W8WDW 682AI8P 678WE8L 674N5JED	661AL4Y 633TI5LUA 621K4HDW 616AC6BW 605IW2FLB
				SSB				
70450Z5EV 63349A2NA 6145K2VV 5404VE1YX 5149K2O 4916EA2IA 4410I2MQP 4192KØDEQ 3723I8KCI 3681N4NO 3585SV3AQR 3535KW9A 3456W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416W9OO 3416SV2V 60249A2NA 5392EA2IA 5311NGJV 5261KF2O 5160N4NO	3184       N1RR         3174      13ZSX         3172      YO9HP         3141      DL8AAV         3139      N8BJQ         3108      I4CSP         3104      WA5VGI         3067      N6QQ         2990      KF7RU         2984      KI7AO         2946      PT7ZT         2903      IN3QCI         2857      4X6DK         2650      IK2DZN         2595      EA1JG         2582      PA2TMS         4076      I7PXV         3974      JN3SAC         3804      W90O         3773      KW9A         3647      N1RR         3504      YU7BCD         3462       K9UON	2576AA1VX 2568SM6DHU 2515W9IL 2483AG4W 2451EA3GHZ 2443JN3SAC 2335KG1E 2327KPL 2326CX6BZ 2209IK2QPR 2201NQ3A 2200N6FX 2198AB1OC 2183NXØI 2155K9UQN 2131N3RC 2943NXØI 2131N3RC 2943NAQQ 2915KA7T 2811OZ5UR 2679W9IL 2548EA2CIN 2531I2MQP 2497W3I I	2129AE5B 2113W2FKF 2112WD9DZV 2094I&LEL 2093W2WC 2084K5UR 2076K2XF 2048W4QNW 1955EA3NP 1935SV1EOS 1884WA6KHK 1879K3IXD 1848AB5C 1825KQ8D 1812K6ND 1699W2YR 2203NXØI 2022AF5CC 1998K5UR 1973N3RC 1905WA6KHK 1832N4YB 1762K6ND	1646VE7SMP 1641AE9DX 1622K5CX 1611W2ME 1587N3XX 1550IK2RPE 1449N5KAE 1442DG7RO 1389NKØS 1386IK4HPU 1371VE6BF 1338NE6I 1334EA3EQT 1264N6PEQ 1262K7LV CW 1620DG7RO 1595PY5FB 1555K1PL 1508W6XK 1483VE1YX 1480W03Z 1458G4W	1258	1031      K4CN         1031      IK8OZP         1022      NW3H         1012      KU4BP         1006      NJ4Z         1004      K4HB         1004      WA5UA         978      EA7HY         957      W9QL         934      PY5VC         931      YB1AR         929      NS3L         919      KA5EYH         833      W9RPM         889      N3AIU         875      K7SAM         891      DK8MCT         890      NSAL         889      NSAIU         864      YO5BRZ         848      PY5VC         822      N5KAE         821      HB9DAX	854       K6HRT         833       DK8MCT         808       UR6LEY         802       N6OU         801       K3XA         766       I2VGW         763       K4JKB         758       IV3GOW         724       WF1H         724       W3TZ         717       KØDAN         717       N3JON         714       YB2TJV         713       JH1APK         710       WA9PIE         700       N4FNB         722       K4CN         652       IK2DZN         636       NKØS         629       IV3GOW         621       HE IMM	700JA1PLL 694KG4HUF 690W6PN 684KO9V 675F1MQJ 655VA3VF 647YB8NT 640UA9YF 637K5WAF 630W6US 624K6KZM 606KJ4BIX 604GØBPK
5013W8IQ 4916IZ3ETU 4914KØDEQ 4886I3FIY 4769N8BJQ 4164WA5VGI	3279IØNNY 3220WD9DZV 3214SM6DHU 3041YO9HP 3031EA7AAW 2948IK3GER	2490N6FX 2477VE6BF 2424W2WC 2357W9HR 2291N3XX 2212AC5K	1744NE6I 1727K6UXO 1708NIØC 1691KI1U 1672W2YR 1633W6XK	1443KN1CBR 1421KN1CBR 1389IT9ELD 1342VE6BMX 1235JH1APK 1220AA4FU	992F5PBL 968K3CWF 962K7LV 944AB1OC 908NH6T 897HK3W	783YB1AR 752K6HRT 743JA5NSR 738NH6T/W4 732SQ7B 727JF1LMB	608W9RPM 600NY4G 600IK2SGV	
				DIGITAL				
3347KØDEQ 3137KF2O 2996W3LL 2978N8BJQ 2929WD9DZV 2628W6XK 2558NT2A 2518K2YYY 2345WA5VGI	2251EA2IA 2242HK3W 2345WA5VGI 2308N6PM 2217YO9HP 1836AG4W 1818NXØI 1811NXØI 1790JN3SAC	1759N7ZO 1727W2YR 1704IK2DZN 1638N1RR 1643N3RC 1501W2/JR1AQN 1500JH1APK 1459KC1UX 1461WU9D	1426AB1OC 1378K3CWF 1353K1PL 1333W1FNB 1308NKØS 1227ES4RLH 1189JF1LMB 1149W9IL 1112AB1QB	1108KE8FMJ 1093KI1U 1091VA3VF 1089AC7JM 1060AF4T 1054KW9A 1051KH6SAT 1047RW4WZ 1009GUØSUP	1002NØRQV 992N3DF 992N3DF 983PU2GTA 966NS3L 947I2VGW 917K7LV 881NE6I 870WB6IZG	866SQ7B 862JP1KHY 855R1AV 812UR6LEY 811WF1H 810N3CAL 800WA3GOS 783YB1AR 758N4JJS	750ON7MIC 750NH6T/W4 681PY5VC 680K2KJ 672K9AAN 670IV3GOW 668KA5EYH 654JA3MAT 640WA9ONY	636W9RPM 611KO9V 600ADØFL
			REM		τιον			

CW	MIXED	SSB	DIGITAL
7277K9QVB	4026N1RR	2953N1RR	671N1RR
3292N1RR			



### BY TIM SHOPPA,\* N3QE

## Do Contesters Respond to Per-Mode Point Differentials in Contest Rules?

nly a handful of large contests are multimode – that is, they allow both CW and SSB contacts to count for points in the same contest weekend. Three such contests are administered by the ARRL: ARRL Field Day, the ARRL 10-Meter Contest, and the IARU HF Contest. The Russian DX Contest and nearly all state QSO parties are multimode as well. The sponsors sometimes tweak the rules for these events to award a different number of points for CW QSOs than for SSB QSOs. Let's look at the historical justifications for the point differentials offered by the ARRL at the time of their announcement and examine how (or even if) contesters responded in their on-air activity these weekends.

#### Field Day

Starting in 1975, ARRL Field Day has awarded two points for CW contacts and one point for SSB contacts. Dave Sumner, K1ZZ, in his June 1975 *QST* editorial, described this as a "trial" to "bolster CW activity" after observing that the plurality of Field Day operations used SSB only. This trial became permanent in 1977. Actual mode usage in Field Day submissions in 2022 is shown in the Venn diagram at the top of Figure 1. We see the lure of higher CW points over the past 50 years hasn't flipped the trend towards SSB activity that the ARRL was responding to – the most common mode choice made by Field Day efforts remains SSB-only.

Field Day isn't exactly a typical contest – in fact, the ARRL rarely includes the word "contest" in describing it, and much of the effort is better described as being built around maximizing summer outdoor fun and food instead of points. (*Officially, the primary focus is on practicing and demonstrating emergency preparedness. – ed.*) Very few of the callsigns I work on Field Day are ones I recognize as the regular contesters I work nearly every contest weekend. Possibly many club efforts aren't even aware of the allure of higher CW points, or they choose to emphasize SSB operation because few of their members feel confident on CW. So it's likely the point differential has little to do with mode choice.

#### **ARRL 10-Meter Contest**

The ARRL 10-Meter Contest, starting in 1983, has similarly awarded twice as many points for CW QSOs than SSB QSOs. According to the introduction in *QST* to the rules that year, this change was made to "promote CW activity." As on Field Day, stations may be contacted once per mode in this contest; unlike Field Day, the 10-meter weekend event includes the word "contest" in its title. If we look at the Venn diagram for the ARRL 10-Meter Contest in the second panel of Figure 1, we might conclude that the point differential favoring CW operation is working – CW activity is in fact favored in the 2022 logs for this event.

#### IARU HF Championship

For a contrast in rule choices, a contest that has the same

number of points for CW and SSB contacts is shown in the bottom of Figure 1. The Venn diagram for mode choices in the IARU HF Championship looks remarkably like the Venn diagram for the ARRL 10-Meter Contest. Perhaps many members of the contester community make their mode choices based on personal preference, rather than purely on points; after all, there are entirely independent mode-specific entry classes for both IARU HF and the ARRL 10-Meter contests.



Figure 1. Mode choices made by hams in three ARRL multimode contests held in 2022. Data for Field Day is from the SSB and CW columns of the CSV results file at <https://tinyurl.com/3ez2f59f>; data for the 10-Meter Contest and IARU HF are from the public logs at <https:// contests.arrl.org>.

email: <n3qe@cq-amateur-radio.com>

It's worth noting that for these three contests, the multiplier structures are radically different. In ARRL Field Day, there are no multipliers. In IARU HF, multipliers count once per band regardless of mode. Finally, in the ARRL 10-Meter Contest, multipliers count per mode. I am surprised that less than a third of ARRL 10-Meter entrants choose to operate both modes as they could have nearly doubled their multipliers, and also their final scores, by splitting their efforts about evenly between the two modes. Perhaps for the vast majority of entrants, their efforts in multi-mode contests are not strongly influenced by any point differential.

#### WRTC Competitors Will Adapt to SSB QSOs Being Worth More Points Than CW QSOs This Summer

The Italian organizers of the upcoming World Radiosport Team Championship (WRTC), held as a "contest inside a contest" during July 2023's IARU HF Championship, last fall announced a point differential that awards more points for SSB contacts than for CW contacts. This point differential for different modes is a first for the WRTC – all previous events awarded the same number of points per mode. As a WRTC competitor this summer myself, I had previously been conscious that I had to build my skills in both modes. The announced point differential has influenced me to prepare by emphasizing my SSB skills, especially pulling full callsigns out of a pileup, during high-rate SSB contests.

Carlo De Mari, IK1HJS, in announcing this scoring change, emphasized that the "WRTC must test operator skills in both modes, not only CW." Indeed, in the 2018 WRTC held in Germany, only one team – VY2ZM and KK6ZM operating under the Y87B call – made more QSOs on phone than CW, and they ended up with the lowest competition score. There was, however, a special prize for the top phone-heavy team, which they did win. The other 62 teams strongly preferred CW, with winning team Y81N (LY9A and LY4L operators) making 70 percent of their QSOs on CW. At the very high end of CW emphasis, the 2018 WRTC team of E21EIC and 9M2ZAK, using the call Y86P, made 96 percent of their QSOs on CW.

The WRTC 2022 qualification period, that ran from 2019 through 2020, included scores from five CW-only events, five SSB-only events, and two mixed-mode contests. So there's

#### Calendar of Events

bit.ly/3FyPiui

All vear	CQ DX Marathon
May 1	AGCW ORP/ORP Party
May 3	VHF-UHF FT8 Activity
May 4-5	MIE 33 Contest
May 6	Microwave Spring Sprint
May 6-7	7th Area OSO Party
May 6-7	10-10 Spring CW Contest
May 6-7	ABLDX Contest
May 6-7	Delaware OSO Party
May 6-7	F9AA Cup Digi
May 6-7	Indiana OSO Party
May 6-7	New England QSO Party
May 6-7	SBMS 2.3 GHz and Up Contest and
may or	Club Challenge
May 6-7	Veron SLP Contest
May 7	WAB 7 MHz Phone
May 8	RSGB 80m Club Championship SSB
May 10	VHF-UHF FT8 Activity
May 13	FISTS Spring Saturday Sprint
May 13-14	Canadian Prairies QSO Party
May 13-14	CQ WW Foxhunting Weekend
May 13-14	CQ-M International DX Contest
May 13-14	Portuguese Navy Day Contest -
j i o i i	CT1DBS Memorial
Mav 13-14	Volta WW RTTY Contest
May 13-14	50 MHz Spring Sprint
May 17	RSGB 80m Club Championship, Data
May 17	VHF-UHF FT8 Activity
May 18	QRP Minimal Art Session
May 20-21	Arkansas QSO Party
May 20-21	Baltic Contest
May 20-21	EU PSK DX Contest
May 20-21	His Majesty King of Spain CW Contest
May 20-21	NZART Sangster Shield Contest
May 20-21	SARL VHF/UHF Digital Contest
May 21	FISTS Spring Sunday Sprint
May 22	QRP ARCI Hoot Owl Sprint
May 22	RSGB FT4 Contest Series

<https://www.agcw.de/contest/grp-grp/> <http://www.ft8activity.eu/index.php/en/> <http://www.ztv.ne.jp/isoda/33/index-e.html> <http://bit.ly/3XM4RpW> <http://ws7n.net/7QP/new/Page.asp?content=rules> <http://bit.ly/1FrFeBc> <http://www.ari.it/> <https://www.fsarc.org/qsoparty/rules.htm> <http://bit.ly/3l41gWx> <http://www.hdxcc.org/ingp/index.html> <http://www.neqp.org/rules/> <http://www.n6nb.com/sbmsrules.htm> <http://bit.ly/2L9eT1L> <http://bit.ly/31yE4kT> <http://bit.ly/3TxCrxl> <http://www.ft8activity.eu/index.php/en/> <http://www.fistsna.org/operating.html> <https://cpqp.ve6hams.ca/>

<http://www.homingin.com/joek0ov/nfw.html> <http://cqm.srr.ru/en/rules/>

<https://nra.pt/index.php/dm-2022/> <http://www.contestvolta.it/> <http://bit.ly/3XM4RpW> <http://bit.ly/3TxCrxl> <http://www.ft8activity.eu/index.php/en/> <http://qrpcc.de/contestrules/mas/index.html> <https://arkqp.com/arkansas-qso-party-rules/> <https://arkqp.com/arkansas-qso-party-rules/> <http://www.lrsf.lt/en/> <https://eupsk.club/eupskdx/eupskdxrules.pdf> <https://bit.ly/3IWxYjf> <http://bit.ly/3aviX6h> <http://bit.ly/H0lqQf> <http://www.fistsna.org/operating.html> <http://www.grpcontest.com/> <bit.ly/3TxCrxl> a balance in WRTC qualification that wasn't being reflected in the actual on-air mode usage during the WRTC itself, and I applaud the choice by the Italians to make a small rule change that has stimulated much discussion about the point differential.

Like all recent runnings of the every-four-year WRTC, the competing teams this year are limited to 100 watts of power. Carlo, in explaining the reasoning behind the point differential, pointed out that holding a run frequency with 100 watts in a phone band packed not just by high-power contesters, but also by high-power flagship HQ stations, is exceedingly difficult. The point differential is, he hopes, how the organizers will motivate the intensely score-driven WRTC teams.

Another factor steering mode choices made by WRTC competitors in the past decade has been the widespread use of CW Skimmers in the Reverse Beacon Network. After calling CQ a couple times, CW contesters are immediately spotted in Telnet clusters that include Reverse Beacon spots, even further motivating CW activity. There is no equivalent to skimmer spots for SSB, so another way to think of the point differential announced by the organizers is as a countering factor to the recent innovation of skimmer spots.

So how will WRTC competitors steer their mode usage? We are likely to see some WRTC teams, despite the point differential, continuing to emphasize CW for its innate advantages at holding a run frequency at lower power levels and automatic skimmer spots. Other teams might choose a stronger SSB emphasis for the point advantage, possibly choosing less-crowded bands – e.g., 40 meters in broad day-light – or staking out a run frequency very high in the 10-meter phone band, where there is more spectrum to expand, during summer, the ideal time of year for high-band short skip inside Europe.

You can find more in the upcoming WRTC event – including the week of ham radio activities preceding the on-air competition – at <a href="https://www.wrtc2022.it">https://www.wrtc2022.it</a>. I certainly look forward to sharing my experience as a competitor, and analyzing mode usage by the different teams, in an upcoming column.

#### Maximize Your Power Multiplier On Field Day With Battery-Powered QRP Radio And Computer

ARRL Field Day is the weekend of June 24<sup>th</sup> and 25<sup>th</sup>, and point-driven contesters who join in this activity enjoy reading through the dense rules to find the combination of power

May 25	RSGB 80m Club Championship, CW	 bit.ly/3TxCrxl>
May 27-28	CQ WW WPX CW Contest	<http: www.cqwpx.com=""></http:>
June 2-4	PODXS 070 Club Three Day	
	Weekend Contest	<http: 2srdp8a="" bit.ly=""></http:>
June 3	UKSMG Summer Es Contest Rules	<https: summer-contest-rules.php="" uksmg.org=""></https:>
June 3-4	10-10 Open Season PSK Contest	<http: 1frfebc="" bit.ly=""></http:>
June 3-4	ARRL Inter. Digital Contest	<https: contests.arrl.org="" dig=""></https:>
June 3-4	IARC Region 1 Field Day	<http: 3cc0hkf="" bit.ly=""></http:>
June 3-4	Kentucky QSO Party	<http: www.kyqsoparty.org=""></http:>
June 3-4	RSGB CW Field Day	 bit.ly/3TxCrxl>
June 3-4	Tisza Cup CW Contest	<https: contest-rules="" en="" index.php="" www.tiszacup.eu=""></https:>
June 5	RSGB 80m Club Championship, Data	 bit.ly/3TxCrxl>
June 7	VHF-UHF FT8 Activity Contest	<a href="http://www.ft8activity.eu/index.php/en/">http://www.ft8activity.eu/index.php/en/</a>
June 10	Asia-Pacific SSB Sprint	<http: apsprint="" jsfc.org=""></http:>
June 10-11	Portugal Day Contest	<https: portugaldaycontest.rep.pt="" rules.php=""></https:>
June 10-11	REF DDFM 6M Contest	<http: concours.r-e-f.org="" index.php=""></http:>
June 10-11	GACW WWSA CW DX Contest	  bit.ly/425Ee23>
June 10-11	VK Shires Contest	<http: contests="" members="" wavks="" www.wia.org.au=""></http:>
June 10-12	ARRL June VHF QSO Party	<http: june-vhf="" www.arrl.org=""></http:>
June 14	RSGB 80m Club Championship, CW	 bit.ly/3TxCrxl>
June 14	VHF-UHF FT8 Activity Contest	<http: en="" index.php="" www.ft8activity.eu=""></http:>
June 17	AGCW VHF-UHF Contest	<https: contest="" vhf-uhf="" www.agcw.de=""></https:>
June 17	ARRL Kids Day Contest	<http: kids-day="" www.arrl.org=""></http:>
June 17	FIRAC VHF Contest	<http: contest.html="" html="" www.firac.de=""></http:>
June 17-18	All Asian CW DX Contest	<https: 3hvjkra="" bit.ly=""></https:>
June 17-18	IARU Region 1 50 MHz Contest	<https: 3r1kqvt="" bit.ly=""></https:>
June 17-18	SMIRK Contest	<http: contest.html="" www.smirk.org=""></http:>
June 17-18	Stew Perry Topband Challenge	<https: stew="" stew_rules.html="" www.kkn.net=""></https:>
June 17-18	West Virginia QSO Party	<http: 3l3k6z7="" bit.ly=""></http:>
June 18	WAB 50 MHz Phone	<http: 31ye4kt="" bit.ly=""></http:>
June 21	VHF-UHF FT8 Activity Contest	<http: en="" index.php="" www.ft8activity.eu=""></http:>
June 22	RSGB 80m Club Championship, SSB	 bit.ly/3TxCrxl>
June 24	UFT QRP Contest	<a href="https://www.uft.net/concours-grp-uft/">https://www.uft.net/concours-grp-uft/</a>
June 24-25	ARRL Field Day	<http: field-day="" www.arrl.org=""></http:>
June 24-25	His Maj. King of Spain SSB Contest	<http: 1ckar5v="" bit.ly=""></http:>
June 26	RSGB FT4 Contest Series	 bit.ly/3TxCrxl>
July 15-16	CQ WW VHF Contest	<http: www.cgww-vhf.com=""></http:>

sources, power levels, and mode usage that will maximize their scores. An appealing combination is to go with battery power QRP, less than 5 watts, for a power level multiplier of five, as opposed to the 2x power level multiplier for stations running between 6 and 100 watts.

If you look in detail at Field Day rule 6.11, you'll see that to claim the power multiplier of five, the batteries must be charged by something other than a motor-driven generator or AC power. Balancing your battery budget, given the vagaries of, say, solar charging, becomes an essential matter of preparation. Rig choice is an essential component in a battery-powered ham operation. A very common battery-powered rig choice by both QRP contesters and POTA (Parks on the Air) activators the past several years, has been the Elecraft KX3 that sips as little as 150mA on receive. A serious Field Day effort will also likely bring a logging computer – I can't imagine trying to fill out a dupe sheet in this day and age. Let's look at the power consumption and usability of extremely low-end and portable DC powered computers.

The "Beelink T4 Pro Mini" I got from Amazon for \$140, is the lowest of the low-end Windows 10 machines I tried.



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# Then you should join the Quarter Century Wireless Association, Inc.

The Quarter Century Wireless Association, Inc., celebrates Amateur Radio operators achieving 25 years in Amateur Radio and develops resources to assist young Amateur Radio operators in furthering their education through the QCWA Scholarship Program.

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This tiny lightweight plastic-encased PC, on the left side of Photo A, is about the size of two or three stacked mug coasters. It comes with a 12VDC 2A wall wart for home use. For Field Day battery use, I've tested the Beelink T4 under a range of conditions and have found that it averages only 600mA current consumption while running the N1MM+ logging software, and it reliably operates in my tests with a DC supply anywhere from 8V to 14V.

The Beelink T4 has 4 GB of RAM and 64 GB SSD soldered to the tiny mainboard - so there is no possibility of RAM or HD upgrades. This is at the very low end of support for a modern Windows 10 installation. I found that it was not a speedy computer at all - it took me about 20 minutes to walk through initial boot-up, removal of OneDrive software, get to the N1MM+ website, and get the N1MM+ full download. And another 10 minutes to install N1MM+. Subsequent start-ups of the operating system and logging software took less than 2 minutes, which I regard as entirely acceptable.

I stress-tested the user experience of this low-end PC as a logger by opening up a Telnet window and populating the bandmap with CW spots in a Wednesday morning CWT. Clicking on spots, and using standard logger features like Super-Check Partial window and available mults and Q's window, seems to work fine with only a slight lag in the visual updates.

I used an attached K1EL keyer in my testing, and the CW performance with this outboard smart keyer was fine. Using direct "serial keying" of my radio didn't go so well; the CW was incredibly choppy and seemed to be at its worst when Telnet spots demanded CPU attention. I would strongly recommend that you use an external keyer for computer-generated CW.

Opening windows and repositioning them on the Beelink T4 was especially sluggish; this isn't a N1MM+ performance issue, it's an issue with the CPU inside this tiny PC apparently having little or no help from any graphics engine. Memory usage with just N1MM+ running and the usual windows is circa 2.5 GB out of the available 4 GB.

I shut down N1MM+ and started the Edge browser and navigated my way around a couple ARRL/CQ contest websites. Web log submission forms are fully accessible. I wouldn't recommend browsing the internet using this little PC at the same time as logging – the graphics lag of moving one window behind the other was quite noticeable.



I also tested the power consumption of the Intel NUC6i3SYH that I've been using for the past 7 years as a "travel PC" for both ham and work applications. Unlike the T4, this unit can be configured with a comfortable amount of RAM (I have 32 gigabytes in mine) and your choice of hard drive or SSD. While the power jack on the Intel NUC is specified as 19 volts, and it comes with a 19-volt wall wart, the formal spec of the NUC says it will accept 12 volts on the power jack. As configured, my Intel NUC operated at voltages as low as 10 VDC, and often was drawing as much as 1.2 amps of current, or about twice as much as the Beelink T4.

A display device is also needed with a portable PC. 12-volt-powered HDMI monitors for in-vehicle use as backseat entertainment are commonly available, but I went a step further by using a 7inch HDMI monitor marketed for use with Raspberry Pi microcomputers. These monitors draw only 500 mA at 5 volts over a USB cord, easily and efficiently supplied by 200 mA of current being converted by a 12-volt input switch-mode USB charger that, or by a charging-capable USB jack on your logging PC. The 7-inch screen is by no means large, but does handily support



Photo A. Two small 12VDC-powered logging computers you might consider as part of a battery-powered effort on Field Day. On the left is the Beelink T4; on the right is the Intel NUC.

Partial window, a tiny log pane, and 600 mA for a Beelink T4, and 200 mA even a tiny shrunk-down band map.

Totaling up the current consumption budget for a 12-VDC storage-battery powered field-day logging event, I arrive at an average of 500 mA usage by an Elecraft KX3 operated at about 25%

the QSO entry window, a Super Check key-down transmit duty cycle, another for powering the screen. For a full-time 24-hour effort, take the total power usage (1.3A) and multiply by 24 to arrive at a figure of 35 Amp-hours. This could be supplied by a small marine deepcycle lead acid battery, a larger 12-volt

vehicle battery (you don't want to drain this all the way), or by a lightweight (but more expensive) LiPo battery pack.

#### Minor ARRL Field Day Rule Updates for 2023

In February of this year, the ARRL PSC (Programs and Services Committee) voted to make CW and SSB QSOs worth the same number of points in Field Day. This was quickly walked back, and the final rules for 2023 ARRL Field Day were released in March with the same points differential for these modes that began 47 years ago.

You can find the final 2023 Field Day rules at <https://field-day.arrl.org>. I'd like to note that, as was begun 2020 in response to the pandemic lockdowns, Class D stations (home stations, not using emergency power) may continue to work other Class D stations for points.

Among the changes for 2023 are:

Rule 6.4 now makes clear that fullyautomated contacts are prohibited. This



is undoubtedly in response to the use of fully-automated robots for the FT4/FT8 modes.

Rule 7.2 allows power output up to 500 watts for stations in classes A, B, and C (but not other classes). You might recall that in 2022, the high-power option had been eliminated for all classes in Field Day. Note that operating any station above 100 watts reduces your Field Day efforts score multiplier to just 1, halving your final numerical score.

Rule 7.3.13 (also mentioned in Rule 4.1.1.5) is revised to no longer limit the number of contacts made by GOTA (Get On The Air) station. GOTA station contacts are worth 5 points regardless of mode – much more than the 1 or 2 points earned by SSB and CW QSOs at the same station.

I strongly support both the prohibition of automatic contacts and allowing unlimited contacts by the GOTA station. With an increasing number of licensed hams subject to HOA limitations on home station antennas, increasing your own club's Field Day effort to publicize it as an opportunity for any area ham to get on the air would be a very positive step in introducing hams to contesting through Field Day fun.

May and June Contest Highlights If you're heading to Hamvention in Xenia, Ohio the weekend before Memorial Day, consider showing up a couple days early for Contest University. Although the classes – which vary in topics and/or content each year - don't start until Thursday morning, I'd recommend arriving Wednesday night, May 17, to catch the first of the 4 pizza parties. Find full details at <https://www.contestuniversity.com>.

Work both domestic and international contacts in the action-packed CQ WPX CW contest that starts May 27 UTC; single-operator entries my operate up to 36 of the 48-hour weekend. I expect superb high-band conditions, especially on the 10- and 20-meter bands, but take note that a well-balanced full-time effort will include operation on the 40- and 80-meter bands to take advantage of the 6 points for each intercontinental QSO. Find full rules at <https://cqwpx.com>.

The ARRL June VHF Contest is being held June 10-11 this year; the 6-meter contest action will be in a frenzy with DX opportunities now that solar cycle 25 is fully in swing. The action spans all modes, and with conditions peaking up for much of the weekend, you will find that your QSO rate on SSB will often be much higher than on FT8. Find full rules at <https://cgwpx.com>. BY TOMAS HOOD,\* NW7US

# An Amazing Light Show!

#### Quick Look at Current Cycle 25 Conditions:

(Data rounded to nearest whole number)

Sunspots: Observed Monthly, February 2023: 111 12-month smoothed, August 2022: 92

10.7-cm Flux: Observed Monthly, February 2023: 172 12-month smoothed, August 2022: 134

arch 2023 marked the first spectacular light show of Solar Cycle 25 (yes, there have been many days with aurora, but this March saw the most striking of this cycle so far). A powerful geomagnetic storm commenced toward the end of March 23, and by the early hours of March 24 reached a level G4 (Severe Geomagnetic Storm; see Figures 1 and 2). The Northern Lights were seen as far south as New Mexico and Virginia. Those witnessing the show at higher latitudes were awed by multi-colored aurora—including red, blue, green, and white!

It is somewhat unusual to see such a glorious multi-color display of the Northern Lights (*Aurora Borealis*). Most auroral events so far in Cycle 25 have had the typical green glow.

With March and September being the peak months for auroral events, this March delivered a real treat of both an intense visual display and a strong radio event on VHF. These two peak months each year are tied to Earth's orientation relative to the Sun.

During the spring and autumnal equinoxes (in the Northern Hemisphere, March 21 is the vernal, or spring, equinox, when the Sun crosses northward across the celestial equator), the tilt of both the solar and Earth's axis to the ecliptic plane align. As Earth orbits around the Sun each year, it experiences the Interplanetary Magnetic Field (IMF) from different latitudes of the Sun, which is tilted at 8 degrees. The Earth's axis is tilted as well, but at 23 degrees. During March and September, the daily average angle of Earth's magnetosphere, tied to the axis, is greatest in relation to the IMF.

The event of March 23 through March 24 was the result of a large coronal hole that appeared on the surface of the Sun. Such weak regions on the Sun are sources of higher plasma solar wind streams. This coronal hole resulted in solar wind speeds in excess of 500 miles per second.

Solar plasma escaping the Sun's gravitational hold streamed outward, riding the IMF, coming into contact with Earth's magnetosphere. When the orientation of the IMF turned southward, it opened a window into our magnetosphere allowing the solar plasma to ride the magnetic fields down to the magnetic poles. This triggered the eye-catching aurora that was witnessed in both hemispheres far from the polar regions, much closer than typical to the equatorial zones. Sunspots: Observed Monthly, February 2022: 66 12-month smoothed, August 2021: 36

10.7-cm Flux: Observed Monthly, February 2022: 109 12-month smoothed, August 2021: 86

#### It is somewhat unusual to see such a glorious multi-color display of the Northern Lights (Aurora Borealis). Most auroral events so far in Cycle 25 have had the typical green glow.

How far away from the polar regions the auroral oval stretches correlates to the intensity of the geomagnetic activity, which is indicated by the Planetary K-Index ( $K_p$ ). When the  $K_p$  exceeds 5, the auroral oval can begin to grow into lower latitudes (see Figure 3). The key to the strength of a geomagnetic storm is the orientation of the solar wind's magnetic field structure as it stretches away from the Sun on the Parker Spiral, also known as the solar current sheet (Figure 4), as well as the intensity of the solar wind along with the volume of solar plasma.

#### LAST-MINUTE FORECAST

Day-to-Day Conditions Expected for May 2023

Day to Day Conditions Expected for May 2020						
Expected Signal Quality						
Propagation Index	(4)	(3)	(2)	(1)		
Above Normal:	A	A	В	С		
2,5-7,10-13,15,20-23,29						
High Normal:	A	В	С	C-D		
1,3-4,8,14,16,19,25,						
27-28,30-31						
Low Normal:	В	C-B	C-D	D-E		
9,24,26	_			_		
Below Normal:	С	C-D	D-E	E		
17-18		_	_	_		
Disturbed:	C-D	D	E	Е		
n/a						

Where expected signal quality is:

A--Excellent opening, exceptionally strong, steady signals greater than S9

B--Good opening, moderately strong signals varying between S6 and S9, with little fading or noise.

C--Fair opening, signals between moderately strong and weak, varying between S3 and S6, with some fading and noise.

D--Poor opening, with weak signals varying between S1 and S3, with considerable fading and noise.
 E--No opening expected.

#### HOW TO USE THIS FORE

HOW TO USE THIS FORECAST 1. Using the Propagation Charts appearing in "The CQ Shortwave Propagation Handbook,

4<sup>th</sup> Edition," by Carl Luetzelschwab, George Jacobs, Theodore J. Cohen, and R. B. Rose. a. Find the *Propagation Index* associated with the particular path opening from the

Propagation Charts. b. With the *Propagation Index*, use the above table to find the expected signal quality associated with the path opening for any given day of the month. For example, an opening shown in the Propagation Charts with a *Propagation Index* of 4 will be excellent on May 1 through May 8, good on May 9, and so forth.

2. Alternatively, you may use the *Last-Minute Forecast* as a general guide to space weather and geomagnetic conditions throughout the month. When conditions are *Above Normal*, for example, the geomagnetic field should be quiet, and space weather should be mild. On the other hand, days marked as *Disturbed* will be riddled with geomagnetic storms. Propagation of radio signals in the HF spectrum will be affected by these geomagnetic conditions. In general, when conditions are *High Normal* to *Above Normal*, signals will be more reliable on a given path, when the ionosphere supports the path that is in consideration. This chart is updated daily at <htps://SunSpotWatch.com> provided by NW7US.

<sup>\*</sup> P.O. Box 110 Fayetteville, OH 45118 Email: <nw7us@nw7us.us> @NW7US (https://Twitter.com/NW7US) @hfradiospacewx (https://Twitter.com/HFRadioSpaceWX)



Figure 1. On March 23, 2023, at about 14:49 UTC (first of the two alert images), NASA's Space Weather Prediction Center (SWPC) issued a G3-level alert, indicating that a strong geomagnetic storm was in progress (see text). A G3-level storm can cause false alarm conditions in power grids and significant aurora. By about 04:30 UTC on March 24 2023 (second of the two alerts), the SWPC issued a G4-level alert, a severe geomagnetic storm. The G scale runs from 1 (minor) to 5 (extreme). At G4, widespread power system voltage control problems can occur, as well as pipeline currents, satellite navigation degradation, and adverse impacts on HF propagation. And, of course, trigger very strong aurora (see text). (Credit: Space Weather Prediction Center/NASA)

On March 23 and 24, all these factors were favorable to triggering much stronger aurora. The  $K_p$  rose to about 8, which is nearly at the top of the scale of 9. This level of geomagnetic storminess triggered both visual and radio aurora.

The shades of an aurora are determined by the atmosphere's composition. More oxygen in the air produces greens and yellows, while more nitrogen makes an aurora look dark red or blue (Figure 5).

Scale	Description	Effect	Physical measure	Average Frequency (1 cycle = 11 years)
G 5	Extreme	<ul> <li>Power systems: Widespread voltage control problems and protective system problems can occur, some grid systems may experience complete collapse or blackouts. Transformers may experience damage.</li> <li>Spacecraft operations: May experience extensive surface charging, problems with orientation, uplink/downlink and tracking satellites.</li> <li>Other systems: Pipeline currents can reach hundreds of amps, HF (high frequency) radio propagation may be impossible in many areas for one to two days, satellite navigation may be degraded for days, low-frequency radio navigation can be out for hours, and aurora has been seen as low as Florida and southern Texas (typically 40° geomagnetic lat.).</li> </ul>	Kp = 9	4 per cycle (4 days per cycle)
G 4	Severe	<ul> <li>Power systems: Possible widespread voltage control problems and some protective systems will mistakenly trip out key assets from the grid.</li> <li>Spacecraft operations: May experience surface charging and tracking problems, corrections may be needed for orientation problems.</li> <li>Other systems: Induced pipeline currents affect preventive measures, HF radio propagation sporadic, satellite navigation degraded for hours, low-frequency radio navigation disrupted, and aurora has been seen as low as Alabama and northern California (typically 45° geomagnetic lat.).</li> </ul>	Kp = 8, including a 9-	100 per cycle (60 days per cycle)
3	Strong	Power systems: Voltage corrections may be required, false alarms triggered on some protection devices. Spacecraft operations: Surface charging may occur on satellite components, drag may increase on low-Earth- orbit satellites, and corrections may be needed for orientation problems. Other systems: Intermittent satellite navigation and low-frequency radio navigation problems may occur, HF radio may be intermittent, and aurora has been seen as low as Illinois and Oregon (typically 50° geomagnetic lat.).	Kp = 7	200 per cycle (130 days per cycle)
5 2	Moderate	Power systems: High-latitude power systems may experience voltage alarms, long-duration storms may cause transformer damage. Spacecraft operations: Corrective actions to orientation may be required by ground control; possible changes in drag affect orbit predictions. Other systems: HF radio propagation can fade at higher latitudes, and aurora has been seen as low as New York and Idaho (typically 55° geomagnetic lat.).	Kp = 6	600 per cycle (360 days per cycle)
51	Minor	Power systems: Weak power grid fluctuations can occur. Spacecraft operations: Minor impact on satellite operations possible. Other systems: Migratory animals are affected at this and higher levels; aurora is commonly visible at high latitudes (northern Michigan and Maine).	Kp = 5	1700 per cycle (900 days per cycle)

Figure 2. This chart outlines the five geomagnetic storm levels defined by the National Oceanic and Atmospheric Administration (NOAA). The storm witnessed on March 24, 2023 reached the Severe G4 level (see text). (Credit: NOAA)



Figure 3. This map indicates the approximate viewing opportunity of visible aurora during geomagnetic storms, if aurora is active during such storms. For instance, between March 23 and 24, 2023, the Planetary K-Index reached at least 8, and aurora was witnessed as far south as New Mexico (see text). (Credit: NOAA)



Figure 4. (Left) The heliospheric current sheet is shaped like a ballerina's skirt. The heliospheric current sheet extends to the outer reaches of the solar system, resulting from the influence of the Sun's rotating magnetic field on the plasma in the interplanetary medium. On this sheet rides the solar winds (see text). (Credit: J. R. Jokipii, University of Arizona); (Right) The shape of the heliospheric current sheet in March 2000 as calculated by the Blue Horizon supercomputer using data from several space craft. (Source: NASA)

Spectators around the world got to witness this wonderful phenomenon because the auroral oval extended into the mid-latitudes (as could be seen from space, Figure 6). Social media exploded with eyewitness accounts and great photos of the light show (Figures 7 and 8). Make no mistake, this bodes well for radio propagation on VHF, even if it degrades HF communications. Six meters was alive with activity because of this March geomagnetic storm. Such activity will increase over the next few years as we approach Solar Cycle 25 maximum.

#### May Shortwave Propagation

It is springtime. As we move closer to summer, DX signals on the higher bands become weaker and openings sparser. Long-distance *F*-layer propagation via 10 meters through 15 meters will degrade somewhat compared to the conditions



Figure 5. A terrella (Latin for "little earth") is a small magnetized model ball representing the Earth, that is thought to have been invented by the English physician William Gilbert while investigating magnetism, and further developed 300 years later by the Norwegian scientist and explorer Kristian Birkeland, while investigating the aurora. Terrellas had been used up until the late 20th century to attempt to simulate the Earth's magnetosphere, but have now been replaced by computer simulations. [Credit: Wikipedia / Université Paris-Sud (Orsay) – Journées de la Science, 2005 Copyright © 2005 David Monniaux]



Figure 6. In this image captured on March 24, 2023 by spacecraft NOAA-20, we can see the very active Northern Lights spread across North America, which were viewed as far south as New Mexico (see text). (Credit: NOAA)



Figure 7. Social media was alive with widespread sharing of the incredible aurora as seen on the night of March 23, 2023 (and into early March 24). These are four such tweets representing views from southern Canada and as far south as New Mexico. (Credits: Tweets made by Gunjan Sinha, Ph.D., @gunjansinha2017; Kyle Brittain, @KyleBrittainWX; Peter Forister, @forecaster25; Lauren Thompson @landscapesbyLT) (Continued on next page)

of winter. We know this as the "summer doldrums," caused by the chemical changes in the upper atmosphere. The Maximum Usable Frequencies (MUF) average lower during the summer in the Northern Hemisphere. Optimum frequencies for DX propagation are lower during most of the daylight hours, and higher during the late afternoon, early evening, and nighttime hours than were observed during the winter months.

Not all is lost on the higher bands, though. During May, occasional Sporadic-E ( $E_s$ ) propagation pops up on the highest HF bands and even on 6 meters. While seasonal static is increasing during May on lower frequencies, Sporadic-E brings some excitement to the on-air chase for signals.

The following is an overall picture of high frequency amateur band openings expected during May 2023. For day-to-day propagation conditions expected during the month, see the Last-Minute Forecast which appears on <https://SunSpotWatch.com>.

Ten, 12 Meters: Expect daytime openings to southern and tropical areas, though these openings are shorter and less

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frequent than during the winter months. The afternoon hours are the best time to check for DX openings. Frequent shortskip openings between distances of approximately 750 and 1,400 miles, however, should be possible.

Fifteen Meters: A seasonal decrease in DX openings is normal for May. Some fairly good openings still are possible towards the south during the late afternoon and evening. Numerous short-skip openings, between about 600 and 2,300 miles should be possible almost daily.

Seventeen, 20 Meters: These should be the best bands for DX during May. Opening shortly after sunrise, good DX conditions are expected to one area or another through the evening hours. These bands may also remain open to southern and tropical areas through much of the nighttime hours as well. DX conditions should peak during the late afternoon and early evening, with openings possible to almost all areas of the world. Very frequent short-skip openings are also forecast for distances between about 350 and 2,300 miles. Quite often, especially during the late afternoon, optimum conditions may exist for both the short and long skip and stations



Figure 7 continued.

a few hundred miles away will be heard at the same time as DX stations from several thousand miles away, causing considerable QRM.

Thirty Meters: This band will often play a major role in DX propagation, with somewhat better daytime propagation than 40, and solid nighttime propagation into some areas of the world. Exotic DX can be found here on CW and other digital modes. Check this band often throughout the day.

Forty Meters: Fewer DX openings are expected because of the shorter hours of darkness and the higher level of static. Good openings should still be possible, however, to several areas of the world from shortly before sunset, through the hours of darkness, until shortly after sunrise. Good daytime short-skip openings can be expected over distances of between approximately 150 and 750 miles, with nighttime openings extending up to the one-hop limit of 2,300 miles.

Sixty, 75, 80 Meters: Fewer hours of darkness and higher static levels are also expected to reduce DX openings on these bands, but a few fairly good openings should be possible. Check during the hours of darkness. Excellent shortskip openings are forecast for the daylight hours over distances ranging between 50 and 250 miles. During the hours of darkness, the short-skip range should increase up to approximately 2,300 miles.

The 160-Meter Band: Propagation conditions on this band have passed their seasonal peak and should decline until early autumn. Openings up to 1,000 miles or so should be possible this month during the hours of darkness. An occasional opening well beyond this range may also be possible when static levels are exceptionally low!

#### **VHF** Conditions

This month of May should see an increase in Sporadic-E, especially at the end of the month. Solar activity is expected to be high enough to support long-range DX on the 6-meter band, so be alert for openings via the F region, providing world-wide propagation.

With Sporadic-E ionization expected to increase, look for short-skip openings, likely to occur over distances of approximately 1,000 to 1,400 miles. Although Sporadic-E openings can take place at just about any time, the best time to check is between 10 a.m. and 2 p.m. and again between 6 p.m. and 10 p.m. local daylight time.

During periods of intense and widespread Sporadic-E ionization, two-hop openings considerably beyond 1,400 miles should be possible on 6 meters. Short-skip openings between about 1,200 and 1,400 miles may also be possible on 2 meters.

Auroral activity is generally lower than March and April, due to the change in the orientation and position of the earth and magnetosphere in relation to the solar wind. Watch for K<sub>p</sub> values above 6, which occur on days of Below Normal and Disturbed HF conditions (refer to the *Last-Minute Forecast* for those days in May that are expected to be in these categories). Point your antenna toward the north when this condition exists. You will find that CW is the modulation mode of choice, as the signals you will hear on Aurora will be raspy and very distorted.

For a detailed list of meteor showers, check out <https:// tinyurl.com/mr3nfzkv> for a complete calendar of meteor showers in 2023. If you use Twitter, you can follow <@hfradiospacewx> for hourly updates that include the K index numbers. You can also check the numbers at <https://SunSpotWatch.com>, where this columnist provides a wealth of current space weather details as well as links. Please report your observations of any notable propagation conditions, by writing this columnist via Twitter, or via the Space Weather and Radio Propagation Facebook page at <https://fb.me/spacewx.hfradio>.

#### Current Solar Cycle Progress

As we pointed out before, Cycle 25 could be one of the strongest since record-keeping began. Look at the progress of the cycle in Figure 9!

The Royal Observatory of Belgium reports that the monthly mean observed sunspot number for February 2023 was 110.9, down from the cycle's high (so far) of 143.6. The



Figure 8. Flipboard was alive with many news stories from around the world regarding the March 24 2023 aurora event. The verdict: After nearly six years, the light shows are back in spectacular display. (Credit: Flipboard)

twelve-month running smoothed sunspot number centered on August 2022 is 92.3, the highest so far in Cycle 25. A smoothed sunspot count of 90, give or take about 9 points is expected for May 2023.

The Dominion Radio Astrophysical Observatory at Penticton, BC, Canada, reports a 10.7-cm observed monthly mean solar flux of 172.09 for February 2023, down from the current highest value of Cycle 25: 182.47, which is higher than the peak of Cycle 24! The twelve-month smoothed 10.7-cm flux centered on August 2022 is 133.8, the current highest value for Cycle 25. The predicted smoothed 10.7cm solar flux for May 2023 is 126, give or take 7 points.

Geomagnetic activity level this month is expected to range

from quiet to stormy, resulting in occasional degraded propagation this month.

I welcome your thoughts, questions, and experiences regarding this fascinating science of propagation. You may e-mail me, write me a letter, or catch me on the HF Amateur bands. If you are on Facebook, check out <a href="https://fb.me/spacewx.hfradio">https://fb.me/spacewx.hfradio</a> and <a href="https://fb.me/NW7US">https://fb.me/spacewx.hfradio</a> and <a href="https://fb.me/NW7US">https://fb.me/spacewx.hfradio</a> and <a href="https://fb.me/NW7US">https://fb.me/spacewx.hfradio</a> and <a href="https://fb.me/NW7US">https://fb.me/Spacewx.hfradio</a> and <a href="https://fb.me/CQMag">https://fb.me/NW7US</a> — speaking of Facebook—check out the CQ Amateur Radio Magazine fan page at <a href="https://fb.me/CQMag">https://fb.me/CQMag</a>. Also, please check out the new alternative social networking ham radio group at <a href="https://amateurhamradio.locals.com">https://amateurhamradio.locals.com</a> and please share this with your amateur radio friends and clubs.

73, Tomas, NW7US



Figure 9. It is no longer wishful thinking that Solar Cycle 25 is passing Cycle 24, as we see the F10.7-cm monthly value exceeding the peak of Cycle 24. Further, the first peak so far in Cycle 25's sunspot number progression is higher than the first peak from Cycle 24. We can wish that the second peak in this current cycle will also exceed the peak of Cycle 24! (Credit: SWPC/NASA)

Number groups after call letters denote fol- lowing: Band (A = all), Final Score, Number of QSOs, Zones, and Countries. An asterisk (*) before a call indicates low power. An A after the band indicates an Assisted catego- ry. Certificate winners are listed in bold. Late logs are listed in italics. (All country terminol- ogy reflects the DXCC list at the time of the contest.)	*WA2VAM " *KD2P 28 *K2CS " *W2YK " *W2LC " *W2TZ 14 *W3EH " K3ZO A	520 29,308 12,300 12,208 7,638 27,542 2,160 District 3 3,624,080	12 9 11 157 17 51 97 15 35 79 13 43 70 8 30 208 7 40 30 11 19 2520 124 385	*WD4GBW *WØNA *KK4WDP *KK4WDP *N2DA *W4YE *N4SD *N24K *KB3FW	68,904 62,000 56,889 56,026 49,665 47,955 47,955 47,336 47,336 47,047	200         24         92           189         44         81           (OP: W4RN)         172         53         94           194         26         83         151         36         93           142         54         85         137         43         89         139         36         86           148         46         97         148         46         97	NU6N " K6FA " K86A " WA6URY " W6AYC " N6GP " AF6K " KJ6JUS " K6XC "	69,960 69,462 49,704 48,488 40,710 36,162 35,991 30,870 16,892 15,910	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	KE8E " W8EOG " K8ALM " K8GU 7 AA8BV " *W1NN A *AA8CA " *N8BJQ " *W88YJF	18,816 4,628 3,649 360 49,708 1,593 882,954 823,768 688,703 488,250	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
2022 CQWW DX CW RESULTS SINGLE OPERATOR NORTH AMERICA United States District 1	K3UL " WG3J " K3TC " N3FCP " W3KL " K3VA " KE3GK " WS3M " K2ACX " WA3GM " K13I "	2,277,254 2,127,125 1,363,332 1,223,163 779,418 358,092 214,092 179,157 91,690 64,008 43,164 31 078	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*W7HJ * *K3YDX * *W4IOD * *N4ARO * *N4ARO * *NA9J * *NA9J * *KA4CH * *K4CH * *K4CH * *K4LPQ *	45,095 44,336 43,566 41,180 33,000 31,752 28,616 28,396 25,652 24,393 23,980	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	W6GEE         "           KD6AMA         "           W6YA         21           N6KN         "           W0PK         "           W0FKC         3.5           *W6TK         A           *NTVM         "           *N6FN         "           *N6FEU         "           *N6FEU         "           *N7XZ         "	7,747 4,017 429,534 198,153 171,308 5 663 533,392 465,400 153,640 143,005 124,806 52029	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*K8AJS " *KV8Q " *N8CWU " *N8CWU " *N8GAE " *K88GAE " *K7DR " *K88GAE " *K88TL " *K3DMG " *N8HHG "	446,352 415,985 245,079 171,672 147,722 121,644 120,727 100,804 100,408 93,644 63,842 53,800	593         69         203           589         66         205           374         81         180           337         47         137           240         69         164           236         54         132           244         55         126           252         47         111           235         45         118           214         44         120           185         44         92           185         44         120           185         44         120           185         44         92
W1KM         A         7,496,808         4489         128         456           N1UR         "         5,697,900         3516         126         459           K1DG         "         5,620,932         3368         131         448           KQ2M         "         3,946,824         2864         118         374           W1WEF         "         3,835,410         2655         116         403           W1JQ         "         2,482,500         1809         114         386           K1RU         "         2,115,195         2178         81         264           NB1N         "         1,581,910         1421         87         307           K1RM         "         1,190,350         1184         84         266           N2ZA         "         684,817         689         91         27           WA1T         "         331         49         458         72         200	N39MC " K3ISH " K3DU " K3GW 21 W03Z 7 W3BGN 3.5 *K3AU A *K3SWZ " *K3HW "	19,215 13,984 216 4,180 51,709 126,400 1,325,796 710,190 443,703 326,400	90 36 69 68 28 46 6 6 6 37 14 30 214 24 65 548 20 80 1255 94 294 (OP: K2YWE) 680 101 289 522 86 281 426 90 210	*KGRM *ND9M *W9GOL *N4AU *W4ATL *K4AVCR *K4LDI *K4LDI *K43EHL *KA3EHL *W08L	22,707 22,425 22,032 20,915 19,700 19,000 18,144 17,835 12,222 8,284	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*N6MU " *KF6NCX " *NC6V " *Al6SL " *K6UF " *K6GPB " *W6JBR " *W6JBR " *M6D0 " *N6TTV " *KC8J "	32,130 28,405 9,604 9,342 7,722 4,268 4,017 3,621 3,239 3,168 3,157	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*K8WU # *N84HAI # *N86Z # *KF8O # *KF8M # *AA8RV # *N8VWY # *KD8W # *KD8W #	43,673 28,615 27,966 27,090 25,745 21,879 13,700 13,284 8,844 7,505 6,930	146         35         84           123         31         66           8         42         76           101         36         69           106         33         62           84         41         58           92         38         62           63         32         49           58         27         40           82         30         49           61         19         36
N1NN         "         169,100         321         48         142           W1OHM         "         47,616         152         38         90           W1/S         "         23,956         96         35         71           W1/PY1MX         "         14,841         94         37         60           W8HMK         "         4,256         56         21         35           AE1D         "         576         12         6         10           K1IB         28         4,114         47         13         21           W3AKD         14         8,925         85         13         38           W1HI         3.5         55,250         242         17         66           W1HIS         "         3,552         38         10         27	*N2EY * *W3PNM * *KD9QS * *W82FUE * *N3FR * *KA3JNN * *W83DPS * *KA3JNN * *W83DPS * *KA3G * WA3EOQ * *WA4GUD * *AC3EK *	218,496 215,968 191,586 177,160 147,960 53,730 53,400 51,984 46,095 35,532 25,511	410 42 150 359 70 202 352 59 163 327 56 150 268 69 147 248 61 139 156 36 99 183 31 89 155 44 100 158 28 77 132 35 91 100 32 65	*KT4RH " *WB5KFP " *N8AID " *N8AID " *K04GOF " *W3USA " *K2TV " *KC4OBX " *KC4OBX " *K04YNU " *WB2ART " *KA4JRY " *N1X1 "	7,776 7,040 6,552 6,550 5,016 4,760 4,650 3,075 2,618 2,254 2,046	59 30 42 45 27 37 51 17 35 46 18 32 47 11 27 (OP: K8MR) 50 24 32 49 25 37 35 15 26 30 16 18 41 18 28 30 13 18	*NGEFF " *K9KJ " *NC6Q " *N6BHX " *N6HAN " *K6DGQ " *W6YX 21 *W6YX 21 *W6YX 21 *W6YOY 1 *N6RM "	2,695 1,296 725 495 290 132 221,186 115,696 36,244 1,421 180	44 24 25 19 11 13 19 14 11 14 8 7 14 5 5 14 6 5 650 30 92 (OP: N7MH) 377 30 82 202 25 43 31 14 15 8 5 5	*N8TCP ** *K8RCT ** *M8RU ** *W8VE ** *W8VE ** *W8UE ** *K8RR ** *K8RR ** *K8RF ** *K8JX ** *W8JGU 28 *W8JGU 28	6,750 4,459 4,350 3,640 3,375 2,562 598 380 70 34,408 10,712 350 172	47 20 34 42 21 28 41 23 35 33 14 26 39 15 30 25 18 24 14 12 11 11 9 11 5 5 5 158 22 36 73 15 37 158 32 66 73 15 37
WA1BXY         "         2,430         51         10         20           *K1BX         A         2,820,103         2164         101         350           *K1VUT         "         2,140,261         1650         108         359           *N1DC         "         1,063,474         1009         88         291           *K1YUT         "         894,704         796         95         303           *K1YT         "         758,002         683         99         307           *N1CGP         481,770         565         77         241           *KI1U         "         235,563         365         56         177           *WIEDX         "         116,028         275         57         141           *KX1E         "         85,058         213         30         112           *W1ZU         "         69,600         185         39         111	*W30Y * *K3KU * *W08RYV * *W83EGD * *N3JNX * *WA3RSR * *WA3RSR * *K43ZT 21 *K1EFI 14	22,680 18,426 15,470 7,688 7,482 4,576 8,281 21,648 29,835	81         46         74           85         30         53           86         25         60           50         25         37           82         22         36           55         22         30           73         13         36           119         15         51           150         20         65	*KC30 ** *KM4SK ** *KK4Z ** *AI4UN ** *N4AO 28 *W4RYW ** *N4AO ** *W4ADH 2 *W4ADH 2	1,824 1,302 780 456 3 100,440 58,996 44,620 11,286 232,624	36         16         22           18         14         17           22         13         17           11         9         10           342         26         82           (OP: WC4E)         220         25           220         25         73           195         22         70           78         17         37           664         29         95	*KA9A 7 *KT5LA " *KN6TZK " *KE6GLA 3.5 KM7W A WJ9B " KS7T "	725 660 0 5 112 District 7 2,126,239 1,669,910 273,920 273,920	17 11 14 21 11 11 1 1 1 7 4 4 1749 147 352 (OP: KL9A) 1726 121 253 472 77 137	*AF8A * *NU8A 14 *W8GOC * *N8ET * *AC8CE 7 *W8NNC * W9RE A K9MA *	49,364 37,920 33,930 30,342 11,172 2,232 District 9 5,346,486 1,523,743	208         19         67           170         21         59           148         25         66           164         22         56           80         15         42           44         9         22           3380         139         440           1338         103         300
*W1MJ " 62,729 160 44 105 *N1SP " 62,357 186 36 91 *W1VIV " 51,322 188 33 101 *K1AV " 39,270 142 31 71 *WA1LAD " 37,050 113 52 98 *KA1DBE " 22,448 120 28 64 *K1ARR " 7,176 64 28 41 *AJ1DM " 6,579 48 17 34 *N1CEO " 6,104 58 24 32 *KB1FGC " 5,580 62 24 38 *N1AM " 4,935 40 19 28	NR3X A NN7CW " N4AF " K4ZW " K4PV " N4CW " KØEJ " W4CB "	District 4 5,681,676 5,192,950 3,195,840 1,962,281 1,903,990 1,712,625 1,518,208 1,209,245	3575 144 458 (OP: N4YDU) 3689 127 391 2340 104 376 1617 103 318 1811 103 315 1596 82 293 1345 106 303 1173 89 276 (OP: W2RU)	*N5SMQ ** *NW4V 14 *W4TJM 74 *KW4FAB ** *KC4WQ 3. *N8UX 1. N2IC A WXØB **	63,520 1,736 16,100 25,661 104 5 814 8 70 District 5 5,956,685 4,041,994	247 21 87 18 52 169 16 51 7 3 5 15 10 12 10 4 3 3682 162 431 2905 143 395 (OP: AD50)	W7GTF " K7JQ " K7JQ " K7TH " K7TH " K7TH " K7TH " K7TH " K7JF " K9JF/7 " AD7XG " K7MY "	244,046 227,000 214,467 209,400 160,230 134,640 125,123 89,776 83,250 79,323 69,764 56 736	409 77 123 394 71 130 376 75 125 270 89 156 289 76 104 263 82 129 211 70 111 218 67 118 226 53 84 193 64 99 70 52 92	K9BGL " KY9KYO " W9GT " KG9N " N9ZI " WA9AQN " KW9R " AA9JS " N9JR " W9LR " KX9DX "	603,781 329,084 287,250 249,600 248,310 231,440 149,682 125,550 113,200 99,416 95,840	004         37         25           585         91         192           441         87         205           441         72         174           396         73         194           378         65         155           289         64         138           315         67         158           291         60         140           236         53         119           240         36         124
WARK     3,496     55     19     2/       *KBIBCT     1,204     17     12     16       *WA1YGT     0     26     8     15       *ABIJ     28     61,290     244     20     70       *W1TO     3,658     41     7     24       *NIVV     1,764     28     9     19       *W5OV     21     450     12     3     12       *AA1ZX     14     510     10     7     10       *K6AUS     7     48     16     5     7	WN7S " W4NZ " N6NT " WX4G " Al4WW " N2FT " K4WW " N4CF " W4TMO " AC4G " W8FN "	1,045,082 1,005,082 833,185 770,070 738,364 647,130 582,000 562,922 507,647 475,242 452,292 451,528	105         37         23           959         83         314           837         100         255           723         98         301           810         87         259           751         80         238           671         98         277           696         71         227           584         85         244           586         74         235           498         100         245           543         73         235	K5GN AD5A W5ZN KZ5D K5BG K5BG K5TA W4CQW W9LCQ W9LCQ W9LCQ W9LCQ	2,995,335 2,456,832 2,187,968 1,513,926 1,377,103 784,441 557,175 276,352 72,300 67,592 43,680	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	W7PV         "           K7NO         "           K5MH         "           K5Z         "           WU7W         "           KG7MVH         "           W7TX         "           K7IU         28           K7NT         21	54,609 52,416 28,672 18,157 10,626 3,066 1,161 688 414 324 15,890	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	KØVW " W9DZ " KZ9DX " W69L " W9FL " W9OP 28 KW9A 14 K9ZO 3. KØPJ " *N4TZ A	89,544 59,584 54,366 48,714 39,444 16,340 35,700 329,814 594,256 32,802 2,078,676	$\begin{array}{ccccccc} 217 & 51 & 117 \\ 189 & 30 & 82 \\ 186 & 37 & 86 \\ 137 & 52 & 86 \\ 132 & 43 & 71 \\ 94 & 31 & 64 \\ 183 & 23 & 62 \\ 854 & 35 & 111 \\ 458 & 19 & 67 \\ 182 & 15 & 56 \\ 1473 & 123 & 390 \end{array}$
KEND         A         H1,045,160         GOP: @ N2QV)           K2NV         *         3,065,198         2131         121         388           N2GC         *         2,405,720         1549         123         425           KR2AA         *         2,086,884         1724         102         350           W2XL         *         1,912,407         1714         95         304           KN2M         *         1,395,968         1137         109         339           W2OIB         *         686,585         695         98         291           WS9M         *         604,624         622         98         270           NS2N         *         378,508         536         61         190           WA2JQK         *         320,144         438         99         275           KE2SD         *         247,536         447         51         165	NN4SS « NSTOO « W3SA « N4EK " N4JVP « KO2Q « KT4XN « NQ3N « WF3T « K4FOY " K7OM "	442,530 350,796 269,016 253,270 218,193 211,904 176,616 152,308 143,856 142,992 141,316	574         73         225           577         72         174           394         71         135           415         55         160           315         85         198           334         59         165           365         53         145           321         59         143           254         70         146           307         62         145           307         64         140	K5RM " KV5V " KA4OTB " N5YT 22 N5AW 2 K5QR " AK5Y 14 *K5FUV A *WA5SOG " *KG5OA " *NN5T "	38,556 9,135 6,834 3 109,383 614,295 155,477 4 204 735,360 670,176 420,614 351,204	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	W7WA         14           N7RK         7           W7ID         "           K5IB         3.5           *N7UVH         A           *K7NEW         "           *K7NEN         "           *W7ZI         "           *W7WSV         "           *W7MTL         "           *W7TL         "	406,262 10,498 2,310 6 627 290,763 165,822 159,823 152,975 111,135 98,854 74,074	$      \begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	*K9WA ** *KE9SA ** *W9TD ** *W8LVN ** *W08AHR ** *AC9BJ ** *WA9LKF ** *K9PMV ** *K9PMV **	294,508 267,776 201,291 129,116 92,460 85,004 52,852 50,895 44,086 40,736 28,462	435         73         171           407         77         179           344         66         163           269         59         132           234         68         133           222         41         117           153         55         91           179         49         96           140         45         83           118         51         83           118         33         74
KD2EPM         "         203,762         369         55         166           KN2U         "         114,762         251         54         132           W2KU         "         67,500         211         48         132           WA2BMH         "         57,670         145         47         99           K2UA         "         56,257         197         25         76           K2YY         "         49,442         151         34         84           N2AXX         "         24,687         88         47         70           W2CN         "         21,888         90         35         61           KD2UBH         "         7,107         53         27         42           KC2KZJ         "         5,500         51         12         32           AH2O         28         39,600         160         19         70	N9CB         "           W4ZYT         "           KQ4R         "           K4AVX         "           N2UO         "           KW4CW         "           WA4EUL         "           N4WE         "           W4UT         "           AA2KD         "	136,128 103,812 52,535 51,208 49,368 43,596 33,232 25,066 20,828 15,247 11,160	295         56         136           239         43         121           148         43         90           174         49         99           154         52         84           125         35         91           111         49         75           120         26         57           96         23         59           71         31         48           73         28         44	NOSW *K5XU " *AJ4F " NSFREL " *NSREL " *W80V " *KC2KW " *KC2LM " *K5GQ "	231,192 225,649 159,720 156,016 112,362 96,906 77,844 69,654 67,473 67,346 31,330 24,926	364         63         65           339         74         177           310         77         143           292         58         138           261         62         121           206         65         121           209         51         105           187         56         85           173         58         95           191         46         105           125         49         81           92         41         62	N7NWL " *AB7RW " *A7CW " *KE7AUB " *W9CF " *NG7NR/M " *AG7NR/M " *WK7G " *K7ULS " *K7ROG "	49,275 38,115 33,456 29,939 27,768 27,072 25,705 23,816 22,016 20,202 19,280	177 35 481 140 41 58 122 43 59 122 38 53 103 46 58 129 44 50 177 38 59 136 48 56 100 30 56 97 29 40 40	W9NAM *W9MRH " *V9DUR " *N9BT " *W9SE " *KE9UA " *N9EDL " *KC9AAP " *KC9AAP " *KC9WIB " *KC9WIB "	27,378 20,640 9,520 6,888 6,448 6,100 4,230 3,192 2,880 2,240 2,106 1,305	107         47         73         53           97         33         53         87         26         42           48         16         40         53         22         30           48         27         34         42         14         31           32         19         23         29         14         26           24         14         21         29         15         24         14         21           29         15         24         14         18         8         11         18
AF2F         36,210         150         19         60           KU2M         21         658,360         1558         32         119           N2MF         14         930,560         2100         36         124           K2AF         7         5,967         76         11         28           AA2DT         "         1,239         20         6         15           WF2W         1.8         36,267         361         18         59           *K2ZR         A         521,236         643         80         231           *KE2WY         488,053         607         74         249           *N2RI         "         302,960         417         75         205           *KA2FIR         281,952         404         73         194           *KD2ZEL         "         202,016         325         60         176	KA3MTT " WH6LE " N4OX 28 K4RDU " NC4S " K3RV 21 N4KS " *K7SV A *WW4XX "	7,137 6,273 1,749 275,709 35,752 15,642 633,840 165,792 3,507,995 1,884,008	50         26         35           100         17         34           23         11         22           784         30         103           158         22         60           124         17         49           1466         32         120           667         20         68           2403         126         409           1416         119         357           (OP: LZ4AX)         692         82	*WY6K *AESMM *WB5BHS *WC5D *NA5YO *KA5YO *AA5ET *KI5FUY *KE5MIS *W8MC *KD6UY	23,421 22,050 17,094 14,136 10,960 9,042 6,545 4,704 3,577 3,355 2,000	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*KC7ITP " *KE7DZ " WB7S " *W7ZDX " *KF7GGN " *K7ARJ " *N7JEH " *KB7AK " *K7GZP " *AC7AF "	12,716 8,924 8,832 7,998 7,474 6,556 4,510 4,200 4,050 3,549 2,700	67         31         37           81         46         46           62         25         39           84         33         29           87         33         41           57         19         25           83         28         27           42         19         23           45         26         24           44         19         20           29         18         18	*K9TDW " *K9BRS " *K9WPV 28 *KJ9C " *WB9HFK 2 *W9QL " *K9UIY 7 *WD8DSB 1.	975 972 110 6,579 1,742 59,994 25,050 58,800 3 1,704 District Ø	$\begin{array}{ccccccc} 42 & 12 & 13 \\ 36 & 17 & 19 \\ 7 & 5 & 5 \\ 56 & 15 & 28 \\ 28 & 7 & 19 \\ 215 & 25 & 76 \\ 133 & 22 & 53 \\ 264 & 25 & 73 \\ 33 & 9 & 15 \end{array}$
*K2TWI         *         194,469         326         55         158           *W2NTV         *         113,400         214         56         144           *AC2OC         *         105,732         224         53         125           *MAZZW         *         82,688         272         44         108           *WA2VQF         *         63,222         180         27         96           *NZBZD         *         43,810         131         32         98           *KZMEN         *         34,656         130         34         80           *W2QL         *         27,800         116         28         72           *W2BEW         *         27,468         117         35         74           *W2PT         *         18         758         97         98         75	*KC4TEO " *K4EJ " *WAHA " *WANS " *K4ORD " *K4KIE " *WF7I " *W3DQS " *N4DJ " *W724M "	537,481 473,880 390,728 333,203 333,091 314,280 260,352 237,195 203,616 201,968 182,125	585 94 249 533 89 241 489 72 217 497 68 179 438 79 204 497 77 214 399 71 185 369 71 180 317 75 177 354 58 150 296 70 165	*WB5K " *KA5PMV " *N5DR " *KI5EGH " *WA5ZKO 2 *KI5PED 7 *WS5D "	840 96 42 0 23,660 462 12 District 6 5,767,692 (OP: KIRP	18 9 11 13 6 6 4 4 3 0 0 0 128 19 51 19 10 12 2 2 2 3842 162 415 EN @WAATOT	*W7RCS " *KK6X " *WB7TJI " *KI7N 28 *WA8ZNC 21 *W7TMT " NA8V A K8GL " K8PK "	2,414 976 440 756 28,014 18,306 District 8 4,876,106 2,807,750 989,256	30 18 16 24 8 8 23 11 11 18 9 9 154 25 44 128 21 33 3067 145 441 1852 134 416 1035 91 255	NØAX A KØFX " WØMAF " KØPK " KØPK " NØUY " KØJJR " NØØT " WØMB "	1,583,163 734,873 525,528 504,030 296,750 281,120 250,439 217,382 190,610 137,685 120,582	$\begin{array}{cccccc} 1249 & 129 & 348 \\ 855 & 103 & 256 \\ 568 & 85 & 239 \\ 604 & 98 & 220 \\ 433 & 80 & 170 \\ 415 & 78 & 173 \\ 399 & 90 & 179 \\ 352 & 71 & 170 \\ 292 & 80 & 165 \\ 269 & 71 & 132 \\ 239 & 66 & 132 \end{array}$
*KB2GD         *13,520         62         29         51           *KB2GD         *13,520         62         29         51           *KZMN         *11,856         72         23         53           *Al2U         *         8,715         107         23         60           *K2SCH         *         7,259         48         17         44           *K3WHD         4,307         50         20         39           *K2JF         "         4,160         44         17         35           *KZ2I         "         3,360         35         19         29           *KD2SRI         2,808         25         15         24           *WB2KWC         2,304         30         11         21           *K2IZ         "         1,891         26         9         22	*KI3C " *K4FTO " *K4FJW " *K4FJW " *K4FJW " *K4NO " *NAAJL " *WA8MDC/4 " *WA8MDC/4 " *W2ECK " *AE4Y " *N3GD "	171,700 145,314 138,645 126,256 109,624 98,044 94,375 94,122 80,325 79,079 72,050	310         53         149           292         58         149           282         65         130           244         62         146           281         46         96           247         57         130           237         42         109           226         56         106           199         46         107           197         37         106           208         39         92	K6XX *** K6NA *** AJ6V *** W4EF *** K6YK *** NN6DX *** K6RB *** N3ZZ ***	3,127,850 2,228,208 1,099,185 880,982 339,360 312,120 281,912 265,734 192,969 150,943	2376 142 328 1651 152 336 1039 118 263 1148 96 182 511 94 146 600 73 107 412 83 179 448 81 141 (OP: W1PR) 397 72 117 312 71 150	K8MP " W8MET " KB8NNU " KB8NNU " KB8NNU " W8TWA " WA8RCN " K3XO " N8IE " AB8RL " W8KTQ "	860,520 495,204 304,668 225,522 191,862 130,500 128,338 100,893 57,400 52,959 21,700	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	KJØI « KJØTC « NSTU « NSTU « NCØB « KØDME « KØDME « N6RSH « KØDS « NIØK 22 W7UT 14	101,010 98,450 82,218 64,990 57,018 52,984 18,492 10,465 5,775 44,088 47,430	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

KØQEI         *         8,517         117         14         37           WØTY         *         2,812         49         13         24           NØTT         7         111,320         378         29         86           NIØC         *         21,462         113         22         51           *NØUR         A         747,994         810         92         246           *KØEA         *         569,165         634         94         241           *NN7A         *         235,155         355         87         170           *WHFI         *         188,044         391         78         134           *AEØEE         *         123,716         250         71         126           *WØRX         *         107,160         208         68         120           *KAØPOW         *         94,810         210         63         127           *WØRX         *         107,160         208         68         130           *KØDU         *         76,616         241         32         90           *KØDE         *         41,511         127         48         89 <th>VE5CPU *VE5UF         A A *VE5GC         District 5 19,691         118         44         53           *VE5UF         A *VE5GC         28         6,984         136         11         13           District 6         6         6,727         618         18         35           *VE6WR         A *VA6RCN         96,154         326         50         81           *VA6RCN         1,872         32         16         20           *VE6KK         1,872         32         16         20           *VE6KK         1,872         32         16         20           *VE6KK         1,590         39         15         15           *VA6WWW 28         21,420         215         17         28           *VE6IV         "         5,610         68         13         21           VATXU         "         241,930         898         55         75           VA7MG         148,004         302         72         98           VATMM         34,416         242         29         41         33           *VE7NI         4         602,609         1212         84         133           *VE7RAB</th> <th>*EA8CYU       *       3,488       39       10       22         *EA8NQ       28       36       5       2       2         *EA8TZ       14       10,604       86       8       36         D4L       28       1,142,280       2655       34       118         (OP: IK2NCJ)       Ceuta &amp; Melilla       4       12         *EA9E       1.8       640       14       4       12         *TT8SN       A       P12       16       7       12         SZ4VJ       28       667,183       1727       29       102         Madagascar       588CG       A       1,507,838       1369       100       294         SR8WP       4       1,507,838       1369       100       294       322,085       775       50       119         USKWF       A       177,276       469       25       107       *CT9/         DL3KWF       A       177,276       469       25       107       *CT9/         DL3KWR       14       57,660       344       13       47         7Q6M       28       262,600       908       25       75         <t< th=""><th>*BG5MWN "       56,610       183       63       107         *BD6MM "       49,368       246       53       79         *BD3OD "       33,536       186       43       88         *BD2IAQ "       29,344       142       43       69         *BD7JIR "       8,113       83       33         *BD4UN "       7,410       92       17       40         *BG2KZP "       4,600       69       21       29         *BATLCS "       3,685       66       22       33         *BD4LB "       2,562       27       18       24         *BG2KAJ "       1,620       30       14       16         *BH4FNE "       1,521       30       18       21         *BG2TAA "       1,100       38       10       15         *BH1XEC "       624       18       16       43         *BH4FNE "       154       10       7       33       24       15         *BB8ALD "       325       24       11       14       40       *B68EKWC       28       40       *B68EKWC       38       3       3       3       3       3       3       3</th><th>*JI1RXQ         *         1,816,920         1591         145         296           *JS1OYN         *         1,277,815         1294         124         261           *JK1OLT         *         1,203,499         1182         135         272           *JS1KKY         *         638,928         808         102         204           *JMIMTE         *         256,802         407         87         151           *JA1CXC         *         203,700         394         70         140           *JL1EUP         *         156,216         365         77         107           *JJLQOF/1         *         124,720         266         67         103           *JFIWNT         *         121,720         266         67         103           *JFIWNT         *         121,404         290         64         112           *JAIDZ         *         121,324         301         73         123           *JMIVNJ         *         116,103         257         69         100           *JAISCE         *         107,184         292         64         104           *JJIKZZ         *         96,473</th></t<></th>	VE5CPU *VE5UF         A A *VE5GC         District 5 19,691         118         44         53           *VE5UF         A *VE5GC         28         6,984         136         11         13           District 6         6         6,727         618         18         35           *VE6WR         A *VA6RCN         96,154         326         50         81           *VA6RCN         1,872         32         16         20           *VE6KK         1,872         32         16         20           *VE6KK         1,872         32         16         20           *VE6KK         1,590         39         15         15           *VA6WWW 28         21,420         215         17         28           *VE6IV         "         5,610         68         13         21           VATXU         "         241,930         898         55         75           VA7MG         148,004         302         72         98           VATMM         34,416         242         29         41         33           *VE7NI         4         602,609         1212         84         133           *VE7RAB	*EA8CYU       *       3,488       39       10       22         *EA8NQ       28       36       5       2       2         *EA8TZ       14       10,604       86       8       36         D4L       28       1,142,280       2655       34       118         (OP: IK2NCJ)       Ceuta & Melilla       4       12         *EA9E       1.8       640       14       4       12         *TT8SN       A       P12       16       7       12         SZ4VJ       28       667,183       1727       29       102         Madagascar       588CG       A       1,507,838       1369       100       294         SR8WP       4       1,507,838       1369       100       294       322,085       775       50       119         USKWF       A       177,276       469       25       107       *CT9/         DL3KWF       A       177,276       469       25       107       *CT9/         DL3KWR       14       57,660       344       13       47         7Q6M       28       262,600       908       25       75 <t< th=""><th>*BG5MWN "       56,610       183       63       107         *BD6MM "       49,368       246       53       79         *BD3OD "       33,536       186       43       88         *BD2IAQ "       29,344       142       43       69         *BD7JIR "       8,113       83       33         *BD4UN "       7,410       92       17       40         *BG2KZP "       4,600       69       21       29         *BATLCS "       3,685       66       22       33         *BD4LB "       2,562       27       18       24         *BG2KAJ "       1,620       30       14       16         *BH4FNE "       1,521       30       18       21         *BG2TAA "       1,100       38       10       15         *BH1XEC "       624       18       16       43         *BH4FNE "       154       10       7       33       24       15         *BB8ALD "       325       24       11       14       40       *B68EKWC       28       40       *B68EKWC       38       3       3       3       3       3       3       3</th><th>*JI1RXQ         *         1,816,920         1591         145         296           *JS1OYN         *         1,277,815         1294         124         261           *JK1OLT         *         1,203,499         1182         135         272           *JS1KKY         *         638,928         808         102         204           *JMIMTE         *         256,802         407         87         151           *JA1CXC         *         203,700         394         70         140           *JL1EUP         *         156,216         365         77         107           *JJLQOF/1         *         124,720         266         67         103           *JFIWNT         *         121,720         266         67         103           *JFIWNT         *         121,404         290         64         112           *JAIDZ         *         121,324         301         73         123           *JMIVNJ         *         116,103         257         69         100           *JAISCE         *         107,184         292         64         104           *JJIKZZ         *         96,473</th></t<>	*BG5MWN "       56,610       183       63       107         *BD6MM "       49,368       246       53       79         *BD3OD "       33,536       186       43       88         *BD2IAQ "       29,344       142       43       69         *BD7JIR "       8,113       83       33         *BD4UN "       7,410       92       17       40         *BG2KZP "       4,600       69       21       29         *BATLCS "       3,685       66       22       33         *BD4LB "       2,562       27       18       24         *BG2KAJ "       1,620       30       14       16         *BH4FNE "       1,521       30       18       21         *BG2TAA "       1,100       38       10       15         *BH1XEC "       624       18       16       43         *BH4FNE "       154       10       7       33       24       15         *BB8ALD "       325       24       11       14       40       *B68EKWC       28       40       *B68EKWC       38       3       3       3       3       3       3       3	*JI1RXQ         *         1,816,920         1591         145         296           *JS1OYN         *         1,277,815         1294         124         261           *JK1OLT         *         1,203,499         1182         135         272           *JS1KKY         *         638,928         808         102         204           *JMIMTE         *         256,802         407         87         151           *JA1CXC         *         203,700         394         70         140           *JL1EUP         *         156,216         365         77         107           *JJLQOF/1         *         124,720         266         67         103           *JFIWNT         *         121,720         266         67         103           *JFIWNT         *         121,404         290         64         112           *JAIDZ         *         121,324         301         73         123           *JMIVNJ         *         116,103         257         69         100           *JAISCE         *         107,184         292         64         104           *JJIKZZ         *         96,473
NORTH AMERICA Alaska	CO2ER 7 12,600 210 11 29 CO2ER 7 12,600 210 11 29 CO2ENMA A 1499 784 2691 72 192	Rodriguez Island 3B9KW A 7,345,407 4857 134 385	*BG8PC 7 69,030 297 23 67 *BD3MV " 1,056 40 11 22 *BD7JJQ " 60 4 3 3 *BA4II 3.5 11,550 215 14 36	*JJ1XNF " 24,795 122 40 47 *JL1FAR " 20,925 89 35 58 *JA1WQX " 20,839 107 37 54 *JS18KH " 20,739 107 38 55
AL7LO A 447,117 1048 71 116 AL1G " 54,486 488 24 30 Antigua & Barbuda *V26K A 12,962,248 8841 142 456 (OP: AA3B)	*CM2ARZ " 3,564 43 15 21 *CO6QK 14 705 37 8 7 *CM3OR 7 2,574 169 10 29 *CO2AN 3.5 77,117 586 14 53 *CO2JD " 66,898 553 13 49 *CO2RQ 1.8 9,175 183 8 17	(OP: MØCFW) St. Helena ZD7BG A 1,030,500 1400 65 185 The Gambia	Cyprus C4W A 5,985,396 4559 114 363 (OP: 5B4WN) 5B4AOF 21 81,627 449 20 49 P35A 7 756.069 2148 30 99	*JO1PZR         *         19,635         91         32         53           *JQ1GLJ         *         19,035         91         32         53           *JQ1GLJ         *         19,095         101         43         52           *JL1GPG         *         18,260         94         33         50           *JP1LRT         *         18,177         99         26         47           *JA1UOA         *         17,550         91         38         52           *JK1ENN         *         17,064         96         32         47
Bahamas *C6/KN4NTXA 277,419 873 44 113	Dominican Republic *HI8A A 297,621 597 61 158	*C56DF 7 120,967 543 19 58 (OP: G3XTT)	(OP: 584AQN) Georgia	*JJ1NRL " 16,168 92 35 51 *JL1EUF " 13,600 122 34 46 *JG1SWV " 13,454 85 19 43
Belize *V31YB A 3,055 34 21 26	*6Y6N A 2,638,840 3307 97 273	ASIA Asiatic Russia District 9	4L/LY4ZZ 3.5 520,498 1615 28 90 (OP: LY2BMX) 4L9M 1.8 153,738 708 16 65	*JH1TJH " 12,638 76 33 38 *JL1LOF " 8,120 69 24 32 *JA1EMQ " 8,094 67 23 34
Canada District 1 VY2TT A 9,215,920 6502 124 436 (OP: K6LA) VA1MM " 1,154,244 1620 68 226	(OP: DK9PY) Martinique TO5Z A 8,092,887 6142 139 430 (OP: N6GQ)	HABYE         A         227,205         442         73         170           R9LY         "         55,775         204         34         81           RW9USA         "         17,689         125         21         28           *RT9YA         A         407,345         546         87         230           *RA9SN         "         198,440         374         44         161           *B8.14         "         142.290         387         46         161	*4L6QL A 531,852 688 72 210 Hong Kong VR2CO A 739,926 1300 90 213 *VR2JM A 1,995 28 14 21	*JQ1PCT " 7,644 59 23 29 *JN1FAO " 7,125 73 26 31 *JM1BNF " 6,466 48 23 30 *JA3GZE/1 " 6,174 58 21 28 *7K1PYG " 5,888 64 23 23
VE1JBC 28 30,780 145 22 59 VE9AA 21 667,440 1953 27 108 *VE1RSM A 957,250 1137 85 265 VE6KK 4 402 219 1000 28 128	Mexico XE2X A 5,371,930 4354 143 395 XE1CT 14 324 736 1304 31 87	'R8JAP         '142,250         367         46         124           'R8JAP         '132,111         315         55         134           'RN8C         '72,562         203         36         106           'RA9W         ''         59,340         209         31         98	*VR2VRC 28 10,044 70 15 39 India VU2TMP A 167,825 361 45 130	*JA1WHG * 4,482 39 23 31 *JA1WHG * 4,480 52 26 30 *JJ1IVX * 4,403 41 16 21 *JP1JZR * 4,002 39 23 23
*VY2LI " 70,064 284 35 81 *VE1GN " 50,400 151 37 89 *VE1GVY " 35,550 188 21 69	*XE2S A 189,069 815 42 65 *XE1AY " 76,796 616 32 41 *XE2AU " 52,785 291 39 46 *XE1DE " 49,765 291 39 46	*UA9CHL " 33,633 128 34 67 *RF9C " 23,040 103 26 54 (OP: UA9CIR)	VU2IVV         "         9,576         72         25         47           VU2VTI         7         6,572         103         18         44           *VU3GDS         A         231,175         534         46         129           */U12 IXN         "         52,854         176         412         97	*JG1UQD " 3,795 60 26 29 *JF1OPO " 3,515 37 16 21 *JH1GTU " 3,150 37 19 23 *JH1NLF " 3,115 47 16 19
District 2 VE2IM A 10,460,793 7040 141 468 (OP: VE3DZ)	AETHE         40,764         500         32         47           *XE2T         "         45,371         390         32         27           *XE1O         "         7,381         48         26         35           *XE1AQY         28         12,444         79         22         39	*UA9OV " 18,012 84 23 56 *RJ9M " 15,132 73 22 56 *RX9CC 28 79,790 368 18 61 *BI 9I 21 20,962 165 11 36	*VU2BQN " 36,934 112 40 78 *VU3IZJ " 730 70 28 45 *VU3RS 28 253 11 4 7	*JK1BGV " 3,030 35 16 14 *JK1DVP " 2,926 49 11 11 *JI1XKH " 2,550 35 17 17 *J114 4
VA2EW " 3,648,886 3081 104 354 VE2VIA " 44,720 207 32 72 *VA2XZA A 164,640 727 41 79 *VE20XP " 146.055 207 62 133	Montserrat *VP2MJA A 4,428,456 4466 113 331 (OP: VA3WB)	*RA9AFZ 14 8,362 81 8 29 District Ø	*VU2JOS 14 4,674 56 13 28 Israel 475MI A 247 338 618 43 108	<sup>*</sup> JI1LAI <sup>**</sup> 1,682 23 12 17 <sup>*</sup> JA1AGH <sup>**</sup> 1,624 32 12 17 <sup>*</sup> JM1TAL <sup>**</sup> 1,400 26 11 14 <sup>*</sup> JN1KWR <sup>**</sup> 1,375 25 13 12
*VE2QV " 63,838 211 37 81 *VE2ZT " 51,183 228 30 69 *VA2KD " 19,436 101 35 51	Panama *HP3SS 7 66,990 501 17 53	UAØDAH A 1,300,840 1/96 102 238 UAØOK " 357,840 639 92 192 RCØCD " 265,398 953 61 117 UAØJF " 177,792 431 60 132	*4Z5MU 28 37,200 180 22 53	*JAØIND/1 " 1,224 21 11 13 *JHSAR " 1,134 28 11 10 *JJ1FWH " 500 17 10 10 *JG1IMT " 450 25 14 16
*VE2BVV ** 9,211 66 24 37 *VA2LGQ ** 24 4 2 2 District 3	Puerto Rico WP3E A 10,010 69 30 35 (OP: KP3B)	RWØUM         "         154,386         607         56         106           RØLN         "         6,156         49         24         33           RUØL         "         1,176         19         12         12           BAGACM         "         240         10         9         12	JQ1ABC A 1,327,668 1439 128 244 JA1PNA " 1,037,504 1107 128 249	*JE1WBA " 224 8 7 7 *JI1BHO " 171 7 5 4 *JN1VFV " 39 10 6 7
XL3T A 7,468,593 5566 129 432 (OP: VE3AT) VA3AR " 1,355,262 1870 73 248	WP4WW 21 557,190 1911 28 95 (OP: KP4JRS) *KP4JFR A 77,910 208 45 114	RØACIM         340         10         6         9           RØAA         28         20,081         169         10         33           *UBØAZR         A         201,894         425         61         148           *RØCBS         "         12,960         112         21         33	JH1QDB " 1,030,770 1054 131 259 JR1IJV " 770,518 929 114 215 JE1BMJ " 391,526 487 113 213	*JE1HXZ " 24 2 2 2 *JG1CRM " 16 2 2 2 *JJ1LBJ 28 92,928 394 32 64 *IG1TVK " 41 029 182 32 57
VE3KP "272,935 537 71 150 VE3KIU "255,592 734 50 122 VE3MDX "104,780 272 51 104	*NP3VL 7 28,896 288 9 34 *KP4DQC " 5,495 67 9 26	*RAØLE " 870 22 14 15 *RØMZ 28 1,740 28 14 16	JH1HIC " 316,940 502 90 175 JA1QOW " 259,126 410 78 145 7K4GUR " 175,266 294 76 158	*JM1SMY " 29,068 151 31 55 *JJ1CBY " 24,388 154 24 43 *JI1BBN " 22,572 153 25 41
VE3MVM " 37,664 182 32 75 VE3RIA " 34,920 194 37 60 VE3ELJ " 11,607 92 11 42 VE3IVJ " 15,000 00 01	Sint Maarten	TA2TC         A         39,474         141         24         78           *TA3SA         A         180,950         389         46         129           *TA2L         *         50,050         145         54         100	JH10LB " 168,875 392 71 122 JH1FNU " 135,872 304 66 127 JH1JNJ " 134,865 291 65 120 II1CNA " 123,000 273 77 123	*JH1HLC " 6,7/6 113 21 35 *JH1HLC " 6,540 57 26 34 *JR1AKD " 5,808 53 20 28 *7N2JZT " 816 17 8 9
VE3ZI 1.8 91,572 574 17 61 VE3PN " 45,155 424 13 42 *VE3MIS A 1,643,295 2062 84 271	(OP: NØUK) *PJ7PL * 32 4 2 2	<b>*TA3DJ 14 46,726 268 14 47</b> <b>*TA4AU 7 7,622 78 7 30</b> *TA2UCT ************************************	JR1GSE " 107,756 367 50 74 7K1III " 107,485 265 68 117 JQ1CIV " 103,722 225 55 122	*JA1AVI/1 " 90 16 2 1 *7K4XNN 21 169,566 577 34 84 *JJ1ENZ " 57,715 243 32 65 *11112X4 " 20,720 205 65
(OP: VA3JK) *VA3FF ( 1,082,048 1391 80 239 *VA3OKG ( 689,913 815 83 246 *VF3MA ( 601.086 1072 64 185	St. Kitts & Nevis V47T A 13,330,347 8926 152 481 (OP: N2NT)	Azerbaijan *4K6FO 28 258,000 942 23 77	JA1CRJ "96,701 267 57 92 JE1QHP "92,592 243 54 90 JJ1QLT "90,636 241 47 109 JG1LHB "76,432 224 48 88	JHINTA         36,720         205         26         54           *JG1UKW         38,720         201         26         54           *JK1NSR         23,940         158         27         49           *JE1JAC         14,700         109         20         40
*VE3KOT " 359,968 693 57 167 *VE3OMV " 268,641 728 53 118 *VE3NFN " 166,250 400 45 145	Turks & Caicos Islands *VP5M A 2,640,471 3379 83 256 (OP: K4QPL)	Bahrain A92GE 14 23,220 141 14 46	JH1LEM "75,843 195 61 98 JK1FNL "71,052 217 55 69 JH1NXU "64,944 219 60 84	*JH1JJV " 10,384 96 17 27 *JH1VIX " 10,011 79 17 30 *JO1KTD " 8,977 93 18 29 *IO1WIZ " 4.035 45 16 21
*VA3WNO ** 131,355 285 57 132 *VA3DBT ** 91,200 274 48 104 *VA3FN ** 90,400 227 57 103 *VA3HDI ** 80,750 183 55 115	US Virgin Islands KP2M A 5,145,882 4386 118 365 (OP: KT3Y)	China         China           BA3MM         A         1,158,784         1749         105         247           BH4BFS         "         326,429         933         70         127           BG6SNJ         "         7 192         46         23         39	JR1JCB " 50,750 192 61 84 JI1HNC " 37,260 126 54 61 JK1HIY " 33,408 120 32 64	*JJ1BDX " 2,700 45 11 14 *JA1RYC " 2,212 48 11 17 *JA1DBG " 1,425 30 11 14
*VE3QO " 73,920 222 50 90 *VE3EUS " 73,060 231 40 90 *VE3LC " 72,668 200 48 100 *VE3UC " 24,768 200 48 100	NP2J 1.8 101,844 609 18 64 (OP: K8RF)	BA7NO         28         219,079         961         30         89           BA8CY         *         89,954         536         23         59           BG3ODZ         21         67,027         322         26         71           DIALND         *         19,127         152         26         71	JH1DGJ " 31,625 103 47 68 7K1JFM " 25,017 127 39 54 JA1EPJ " 14,250 94 24 51 IS1DEH " 12,137 107 26 27	*JA1LKY " 936 28 9 9 *JQ1VDJ " 828 14 10 13 *JK1XAY " 714 12 9 12 *7K3070 " 680 26 8 9
*VA3EON " 64,745 243 31 84 *VA3EON " 38,796 147 36 70 *VA3KRJ " 30,184 172 35 63 *VE3SST " 25,553 109 38 63	*4U1UN A 1,146,831 1708 71 220 (OP: KO8SCA)	B1JNP 18,176 153 22 42 BH4WPN 5,082 104 14 19 BD7OB 1.8 5,587 83 12 25 BC2QMO A 705,104 975 106 241	JL1LNC " 8,379 65 24 33 JL1JJD " 5,640 46 28 32 JR1WYW " 3,135 39 16 17	*JP1EHC " 672 12 9 12 *7N2CQS " 448 12 7 7 *7K4TKB " 242 8 4 7
*VE3AYR " 23,622 115 31 62 *VA3PM " 23,140 102 23 66 *VE3PQ " 17,064 80 27 52 *VE3VIG " 15 55	AFRICA Algeria *7X2GK A 4.998 50 21 28	*BG8DIV " 680,236 985 93 253 *BD4VGZ " 571,200 996 82 190 *BI8CZM " 471,614 717 76 210 *BG7ZWJE " 255,673 750 700	JK1UVL         "         1,482         23         10         16           JL1IVG         "         273         7         6         7           JF1KQI         "         200         10         10         10           JH1HDT         "         195         7         6         7	JH10JV         "         150         5         5           *JH1BCS         "         56         6         2         2           *JO1JKH         "         4         2         1         1           *JF1TEU         14         28.397         152         24         49
*VE3FAC         13,057         32         50           *VE3FAC         13,067         78         23         50           *VE3HLS         5,643         55         19         38           *VE3OT         5,280         45         23         37	Canary Islands EA8RM A 14,633,647 8595 148 475	*BG1WNU " 230,012 739 72 129 *BG1WNU " 230,010 694 87 159 *BH2SWB " 159,274 465 70 124 *BA6KC " 155,014 396 52 127	JRICAD " 8 2 2 2 JA1FFB 28 25,438 140 30 49 JF1KML 21 105,092 424 29 65	*JA1BFN " 20,727 143 22 41 *JF1CKO " 9,790 66 19 36 *7K1EQG " 4,640 54 12 28
*VE3NKL " 1,372 18 12 16 *VE3TM 21 152,076 521 24 90 *VE3TG " 128,511 442 24 85 *VE3QSZ 7 24 000 175 16 49	EA8ZS " 4,100 40 17 33 EF8BBM 28 989 0.50 2507 31 100	*BG5MVD " 141,120 321 75 149 *BH3OQQ " 133,865 356 66 139 *BI4QKE " 115,840 301 67 114 *BI8EBE " 113,072 301 67 114	JA1NHD         "         38,808         195         30         47           JA1CJL         "         26,962         176         22         39           JF1DMY         "         12,060         81         24         36           JE1JNJ         "         11.544         106         17         35	r/s3cz0         -         1,404         22         8         18           *JR1DVB         "         629         15         5         12           *JN1ECL         "         209         7         4         7           *JE1GZB         "         180         14         5         5
*VE3ADQ 3.5 7,896 91 14 28 *VE3FNT 1.8 64 17 2 2	EA8/ GU4YOX 7 654,500 1779 31 94	*BA2BA " 105,777 387 60 101 *BG6QAL " 88,452 317 58 104 *BH4TYL " 83,440 287 48 101	JM1PIH " 3,180 44 15 15 JG1SRO " 1,925 29 6 19 JA11MJN 14 1,045 21 6 13	*JH1CFV " 120 5 3 5 *JM1LFA 7 10,404 90 16 35 *JF1VVR " 1,420 25 5 15
District 4 VE4IM A 20,790 125 35 42 *VE4JBB A 361,928 1189 58 103 *VE4XT " 29,294 134 42 55	*EA8CN         A         1,180,098         1297         73         245           *EA8BQM         386,966         748         55         136           *EA8OM         321,000         525         55         159           (OP: DJ1OJ)         (OP: DJ1OJ)         (OP: DJ1OJ)         (OP: DJ1OJ)	*BH6LIG         *         80,262         254         50         97           *BG3KKZ         *         72,364         324         55         103           *BD7BW         *         69,120         396         42         78           *BG7NRG         *         63,960         227         54         110	JIJIJFJ         7         5,292         48         15         27           JA1FGB         "         2,464         38         13         15           JH1BBT         3,5         15,984         121         24         48           JA1BBC         "         3,404         55         14         23	JF-1GZZ         "         154         8         5         6           *JK1VGN         "         133         7         4         3           *JK1EAQ         "         4         2         1         1           *JA1EXC         "         4         2         1         1
*VE4AKF " 8,424 93 25 29	*EA8AQV " 89,378 232 41 93	*BG2LAU " 60,912 240 54 90	JA1BJI A 1,839,410 1690 145 294	j^JP1GUW 3.5 5,796 72 18 24

*JA1SKE <b>*JE1SPY</b>	" 4,2 1.8 §	00 52 24 41	15 25 <b>10 12</b>	*JI4WHS *JH1MTR/4 *JA4JLT	" 17 " 17( " 7(	7,576 0,560 0,680	380 68 128 328 72 133 287 56 99	JA9LNZ JH9CEN JF9QCK	28 7 "	<b>1,281</b> <b>5,986</b> 5,332	<b>27</b> 64 55	<b>11 10</b> <b>17 24</b> 17 26	OE3BKC OE6V	A 3.5	Austria 27,552 71,040	150 829	42 70 12 62	OK1XC OK1FZM OK2FQZ	28 "	<b>80,156</b> 7,350 <b>3,366</b>	<b>360 3</b> 55 20 <b>55 1</b>	1 85 0 29 5 19
<b>JF2QNM</b> JA2AXB JR2PMT	Distric A 2,183,1 " 718,9 " 545,5	<b>2</b> <b>03 2060</b> 84 846 66 708	<b>142 281</b> 117 230 94 199	*JA4YPE *JA4LCI *JR4DTG	" 50 " 30 " 29	3,856 0,281 9,648	162 58 86 (OP: JM1QPR) 120 43 64 118 50 59	JA9FAI JA9FHB *JA9ILH	3.5 1.8 A	7,020 140 238,750	(OP: - 72 8 375	JH7UJR) 21 31 5 5 85 165	*OE1CIW *OE5CYL *OE5FDM	<b>A</b> "	<b>406,890</b> 289,926 82,832	(OP: O 928 668 229	<b>E6JXA)</b> <b>73 224</b> 66 207 59 108	OK1AMF OK1Z OK1TN OK4U	14 7 3.5 1.8	109,109 791,700 118,141 36,167	382 3 2601 3 966 2 700 1	5 108 4 111 0 83 2 47
JE2BOM JA2VHO JR2UBS	" 284,5 " 222,5 " 81,2 " 57,2	80         426           00         498           16         173           16         187	88 167 64 114 73 119 48 80	*JE4FNC *JA4VPS *JA4GQD *JK4HNN	" 11 " 12 " 4	7,172 2,159 3,260	92 32 49 91 30 33 79 33 37 34 14 18	*JA9LX *JA9VOK *JA9EJG *JA9DOE	" "	111,012 35,728 11,760	278 137 79 5	$\begin{array}{cccc} 62 & 112 \\ 46 & 66 \\ 28 & 32 \\ 4 & 5 \end{array}$	*OE3NHW *OE5HIL *OE5WEO *OE1VMC	" "	46,650 13,860 2,080 216	171 67 56 14	47 103 39 45 9 31 6 12	OK1DWF OK1DW *OK2MBP	" "	14,450 1,053 <b>1 324 008</b>	(OP: O 294 9 17 10	<b>K1TP)</b> 9 41 0 17 0 344
JF2FIU JE2GUV JA2DHF	" 45,1 " 30,5 " 28,4	95 190 91 119 96 124	40         60           52         63           40         63           40         64	*JO4JFH *JH4PUS *JH4FUF	21 7	1,650 1,525 230	<b>25 4 18</b> 23 10 15 <b>9 5 5</b>	*JA9FFS *JA9XAT	<b>28</b> "	<b>31,833</b> 180	<b>159</b> 10	<b>30 51</b> 4 5	*OE2UKL *OE9WLJ *OE1OPW	28 " 21	25,392 4,929 16,448	142 71 119	<b>25 44</b> 12 19 <b>20 44</b>	*OK1MDK *OK1DKR *OK2QX	"	606,498 538,020 455,794	1025 84 824 90 966 88	4 289 0 276 8 261
JA2JWH JR2PAU JF2CTS <i>JA2VQF</i>	" 18,2 " 10,7 " 5,0 <i>" 7</i>	32 88 36 78 35 43 <i>36 16</i>	41 45 29 32 24 29 12 11	*JE4URN	3.5 Disti A 1	48 rict 5 3.650	4 3 3 110 27 38	JIØVWL JHØILL JJØPJD	<b>A</b> "	<b>District Ø</b> <b>1,666,132</b> 368,300 266,915	<b>1910</b> 661 405	<b>124 234</b> 87 167 93 160	*OE7AFT *OE7MOP	"	27,436 10,088 Azores	<b>202</b> 100	16 60 13 39	*OK1NS *OL2A *OK2EC	"	408,003 342,360 298.287	964 76 702 69 (OP: OK2 682 64	5 231 9 201 2PEM) 4 189
JH2KKW JR2PZX	28 21,0 " 13,6	45 138 17 117 (OP:	<b>24 45</b> 21 30 JR2ADB)	JA5OXV JA5JGV JA5DQH	28 21 572	1,947 7,638 2,040	27 15 18 63 23 34 1507 34 106	JAØIOF JJØUIF JJØVNR	" 7	160,550 20,250 <b>566,568</b>	364 102 <b>1606</b>	71 119 26 49 34 95	CU9AB *CU2ZG	A A Rol	11,346 5,103	95 59	25 37 25 38	*OK1MKH *OK1HCG *OK1HEH	"	286,688 285,978 277,535	570 82 1055 49 827 5	2 207 9 182 1 184
JE2PCY JR2SCJ	" 70,8 14 <b>343,5</b>	(OP: 18 348 60 946	<b>JA1KFX)</b> 25 62 <b>34 106</b>	*JE5HTN *JA5CBU *JA5SUD	" 100 " 41 " 29	2,710 0,170 7,300 9,380	330         74         173           276         57         102           189         33         67           117         42         71	*JAØMOQ *JRØECQ *JAØBJY	3.5 A "	<b>77,356</b> 64,801 47,300	<b>246</b> 223 170	23         30           60         106           53         84           45         65	EF6T EA6NB	A «	<b>9,008,166</b> 219,120	8382 1 (OP: 690	<b>50 439</b> : <b>EA3M)</b> 40 136	*OK2ABO *OK2HBY *OK1AGE *OK1DVA	66 66	230,994 225,616 205,686	616 63 723 58 545 62	3 183 8 181 2 172
JH2GZY JE2OTM 3 *7K1MAG/2 *JA2EXV	" <b>3.5 4,7</b> <b>A 327,2</b> " 288.2	54 3 00 61 94 526 88 477	3 3 <b>15 32</b> <b>89 172</b> 94 158	*JJ5NFT *JJ5RAX *JJ5QLV <b>*JA5CDL</b>	" 10 " 12 " <b>14 4</b> 4	6,512 2,000 182 5 <b>.675</b>	152 35 61 86 24 36 8 7 6 250 28 59	*JAØBZY *JJØTWX *JAØRCK *JHØCCK	"	27,720 13,050 7,236 4 142	106 95 44 39	35 64 22 36 27 40 14 24	*EA6ZS *EA6A	A 14	29,232 5,760 Belarus	169 64	28 84 13 35	*OK1FRO *OK1DKU *OK2BLD *OK5Y	"	202,884 201,488 116,594 110 160	673 4 763 39 395 49 587 30	1 171 9 157 9 145 3 137
*JG2RFJ *JA2GHP *JR2NMJ	" 235,8 " 159,6 " 116,9	72 413 00 351 28 250	75 149 65 125 64 110	JA6BZI	Disti A 1,40	rict 6 8,008	1124 145 331	*JJØTIY *JFØIUN *JHØDAY	" 28	2,850 621 <b>10,382</b>	31 13 <b>69</b>	18 20 12 11 25 33	EU4E EW1I EU4CK	А "	2,421,108 1,594,695 311,976	2265 1 1364 1 805	48 469 41 474 70 182	*OK2BJ *OK1UKY	"	104,448 100,620	(OP: OI 228 7 401 4	K1RH) 7 115 1 131
*JH2RIH *JM2LEI *JF2SKV	" 86,2 " 83,8 " 83,7	40         208           98         206           52         252	57 103 56 102 62 90	JE6WGT JR6CSY JA6BWH	" 24 " 15 " 80	5,456 7,368 0,828	449         77         155           363         56         110           221         64         103	*JIØWVQ *JRØBQD	7	5,635 <b>69,445</b>	66 <b>293</b>	12 23 30 65	EUIST *EV6Z *EU8N	" A "	134,190 406,355 266,552	454 755 608	57     153       55     158       83     252       75     211	*OK5SA *OK2PDK *OK1ES	"	87,669 81,968 68,544	298 50 336 50 208 55	0 141 6 132 5 89
*JP2XYT *JA2QVP *JH2MYN *JS2BGJ	" 69,6 " 54,2 " 39,7 " 18,1	41 197 80 172 28 144 30 101	54 89 47 71 47 57 27 47	JH6WDG JA6FFO JA6HZN JH6TNH	" 7! " 42 " 1: " 1:	5,396 2,693 3,248 2,879	263 28 75 153 46 87 73 23 41 63 33 48	UN7ZW *UN7CAW *UN7QF	3.5 A "	<b>Kazakhsta</b> i 518 111,518 15,738	n 31 328 107	<b>7 7</b> <b>35 102</b> 18 43	*EW1NM *EW1AFM *EU8U *EW8AX	" 28 21 "	71,991 288 369,895 153,794	298 15 1296 595	44 127 5 11 33 112 32 99	*OK1DKE *OK1AUO *OK2SGY *OK2BRV	"	65,871 63,474 52,955 51,678	313 39 217 40 251 37 265 40	<ul> <li>78</li> <li>96</li> <li>96</li> <li>782</li> <li>122</li> </ul>
*JE2DOD *JS2AZO *JA2IFW * IS2ITI	" 7,1 " 5,8 " 4,7	55 65 80 60 00 40	19 26 21 28 21 26 16 27	JA6CRP JS6TSE	" 28 49 14 25	9,306 5,992 5,094	63 28 38 1386 36 100 OP: JM1UWB)	*UN1EAU *UN7GF *UN7ZZ	" 28 "	9,048 <b>55,200</b> 35,872	60 <b>418</b> 205	31 47 <b>17 52</b> 16 60	*EW1TO *EW1TZ *EW1EA	" 14 7 "	57,970 174,432 21,868	351 717 226	23 62 33 105 16 55	*OK1PFM *OK2DIK *OK2BRS	"	39,285 36,540 35,392	180 39 170 39 204 29	9 96 5 49 9 83
*JI2IWN *JI2IXA *JR2UQU	" 2,8 " 1,6 " 1,4	08 56 12 30 58 28	10         27           23         29           13         13           11         16	JA6SHL JH6QFJ *JE6LZN	7 40 7 40 1.8 A 10	6,575 544 1,188	1299 33 84 20 8 9 237 60 104	*UN7CN	21	62,190 Kyrgyzstar	294 ו	24 66	*ON4CT	A	Belgium 1.082.760	1512 1	11 309	*OK2W *OK2VK *OK1FCA *OK1MAW	"	29,274 22,560 17,160	162 34 160 21 96 28	4 68 7 67 8 32
*JJ2JCM *JO2XYK *JA2YBG	" 3	00 18 91 15 96 11 (OP	11 14 9 8 7 9 : JS2IHX)	*JA6CVR *JO6NZN *JH6EXF *JE6TUP	" 89 " 80 " 20 " 2	9,760 0,712 6,663 1,736	238 65 100 209 60 92 109 25 66 103 33 55	*EXØM	28	56,562 Mongolia	343	14 52	*ON6LO *ON4CBA *ON8WR *ON4U Y	"	63,940 29,312 28,125 18,445	385 159 164	29 110 38 90 26 49 28 57	*OK8KM *OK1GS *OK2CDR *OK2BND	"	16,377 15,850 15,580 14,359	143 24 119 22 144 24 144 10	4 79 2 28 4 71 6 67
*JL2TAW *JA2KKA *JE2HCJ * IA2HZA	" 28 22,3 " 19,5 " 12.4	42 3 <b>82 146</b> 16 114 52 101	3 3 <b>26 36</b> 24 44 24 23	*JA6IQG *JF6KKC *JE6JZP	" 10 " 14	6,849 4,790 7,701	81 31 52 107 23 35 60 21 30 45 17 21	*JT5DX *JT1CD	А "	<b>123,255</b> 42,312	336 (OP) 345	51 114 JT1CO) 27 59	*ON3UN *ON4ABW *ON3PAT	" 28 14	8,346 6,110 130,416	68 85 606	26       52         18       29         28       86	*OK2BRQ *OK1WSL *OK1DSX	" "	13,585 8,712 6,231	166 2 <sup>-</sup> 116 19 45 3 <sup>-</sup>	1 74 9 53 1 36
*JR2TRC *JL2XMW *JF2KWM	" 1,6 " 1,2 21 <b>15,6</b>	24 36 39 23 <b>24 99</b>	14 15 7 14 <b>19 43</b>	*JR6QXL *JK6JAB <b>*JH6WHN</b>	" 28 13	1,829 77 <b>1,328</b>	45 17 31 23 16 15 11 5 6 481 31 77	9N7AA	A	Nepal 2,500,592	2788 (O	94 279 P: S53R)	*ON3ND *ON5IA *ON5WL	" 3.5	4,418 <b>588</b> <b>12,549</b>	64 28 252	11 36 4 17 9 38	*OK2WX *OK2PIP *OK2SWD	"	4,399 3,280 <i>2,352</i> 1,147	45 10 38 1 35 1	5 25 7 25 1 20
*JA2OZM *JR2NTC *JF2NLH *JQ2XVY	" 10,4 " 2,8 " 2,1	00 104 70 43 90 29 6 1	17 33 13 22 11 19 1 1	*JA6CDC *JA6WFM *JF6ABL *JR6KBF	2 <b>1 23</b> "55 "18	192 <b>7,060</b> 5,752 3,216	6 6 6 <b>831 31 77</b> 247 26 66 119 22 44	DS4EOI HL2BQG	Rep Å	<b>1,969,034</b> 1,156,848	<b>2495</b> 1987	1 <b>04 249</b> 93 220	E74FRS	Bosn 14	ia-Herzego 253,658	ovina 1116 : (OP	28 78 1: E71A)	*OK1MKD *OK1FHD *OK1FUK *OK1JDJ	 21 14 "	420 <b>15,180</b> <b>17,334</b> 8,614	91 20 132 10 188 1 102 12	3 40 <b>5 39</b> <b>1 43</b> 2 47
*JF2WXS *JG2VSF	7 2,4 1.8 Distric	79 31 3 2	12 25 1 2	*JA6BCV *JA6HMO *JG1FGL/6 *JA6FLV	" 1! " 2 14 7 29	5,930 2,190 <b>270</b> 9,850	98 19 40 29 9 21 14 5 10 156 22 53	HL2WA HL2ZN HL5BCH HL4CEL	"	1,115,850 177,246 33,376 26,244	1226 375 132 365	127 303 95 163 40 72 34 47	*E7/20 *E7/Z35M *E77CFG *E78CB	<b>A</b> "	331,296 234,192 20,825 2,886	723 867 217 32	<b>59 173</b> 50 188 22 63 19 20	*OK1FIA <b>*OK2HBR</b> *OK6N	" "	2,665 <b>92,926</b> 44,239	41 12 663 23 300 18	2 29 3 74 8 65 (2PTS)
JH3CUL JQ3ALW	A 1,422,8 " 597,8	<b>34 1456</b> 49 721 (OP:	<b>119 280</b> 115 228 JH1TXG)	*JH6NBW	3.5 Disti	946	27 9 13	HL2EIZ HL2KV HL2AHL	"	14,235 7,728 2,704	75 73 50	30 43 20 28 25 27	*E73AK *E770 *E77BW	21 7 3.5	6,426 27,621 50,504	73 208 719	13 29 18 63 9 50	*OK2DN *OK1DRX *OK1MZB	"	32,526 23,380 14,079	303 17 170 19 215 1	7 61 9 51 1 46
JR3NZC JA3IBU <i>JR3BOT</i>	" 339,8 " 322,9 " 280,5 <i>" 228,6</i>	24 491 91 719 92 490 <i>60 394</i>	96 172 66 107 78 169 78 144	JA7UES JA7AUM JM7SKE	A 83 " 214 " 126 " 124	<b>4,240</b> 4,404 6,075 4,080	404         75         129           251         76         129           342         67         121	HLSIVE DS2JJV *HL2CFY *HL2IDT	A	1,400 245,700 94,705	105 457 280	6 8 88 164 55 100	LZ7J	A	Bulgaria 940,005	1531 (OP:	97 308 : LZ1CI)	*OK1MMN *OK5D *OL5J	3.5 "	135,072 77,120	1165 18 (OP: OK 883 14	<b>3</b> 46 <b>8 78</b> (1DTP) 4 66
JR3KQJ JA3AVO JF3KCH JO3OFF	" 203,4 " 192,4 " 77,6 " 77 (	00 395 65 383 25 279 28 227	81 119 69 126 51 84 53 94	JM7OLW JP7SOZ JJ7PMS JA7IC	" 9 " 2	7,277 7,145 7,440 1,368	412 46 43 123 39 50 58 28 32 34 9 9	*DS5VTG *HL5FEI *HL1IWD *HL2ASZ	" "	84,322 31,892 14,539 837	246 132 100 23	46 87 55 79 21 46 14 17	LZ1HW LZ1RW LZ1KIS LZ1GF	"	443,051 162,792 132,260 101 074	691 594 544 372	91 288 42 110 43 127 46 148	*OK7T	"	11,086 9,570	(OP: O 223 8 (OP: OP 151 9	K1RZ) 8 38 K1FHI) 9 46
JA3KKE JR3XUH JA3LIL	" 74,5 " 27,7 " 11,7	43 207 00 109 12 89	56 105 39 61 22 42	JA7MAD JA7FTR JA7MYQ	21 99 14 456 108	9,789 8,234 8,870	<b>368 33 78</b> 1267 37 105 354 28 86	*HL1VAU *6K2EGQ *HL3AMO	21 14 3.5	106,808 1,360 9,168	446 144 132	27 77 5 5 17 31	LZ3V	7 "	<b>93,960</b>	589 (OP: 50	22 68 LZ5VK) 8 25	*OK1FOG *OK1MNW	" 1.8	7,072 19,719	84 9 287 10	9 43 0 53
JG3KMT JA3XOG JA3BXF	"4,7 28 43,1 "29,4	<b>59</b> 32 41 <b>52 195</b> 10 164	28 31 21 31 <b>30 57</b> 30 55	JH7BDS *JH7QXJ *JA7BEW	A 81 <sup>4</sup> 23 <sup>4</sup>	28 7 <b>,491</b> 4,014	5 2 2 1189 91 178 430 89 153	*HZ7C	S 28	audi Arabi 213,226	ia 566 (OF	34 105 : 7Z1SJ)	*LZ3QE *LZ1VKD *LZ5Y	3.5 A "	<b>658,080</b> 480,036 211,060	<b>1257</b> 941 616	15         60           91         269           74         253           60         184	OZ7YL *OZ8AE *OZ5UR	A A "	18,700 772,800 236,872	<b>160 2</b> <b>1098 10</b> 647 59	<b>7 73</b> <b>1 319</b> 9 173
JA3EGE JL3DQX JA3GOJ JH3EUK	" 9,6 21 14 5 7 78,6	60 94 12 2 00 12 24 251	23 37 1 1 9 11 35 82	*JR7HAN *JH7IXX *JK7UST *JE7GDE	" 168 " 123 " 27 " 19	3,468 3,176 7,285 9,656	340 76 126 334 67 111 127 29 56 117 31 32	*BU2EO *BU2GA	A 21	Taiwan 343,958 98,118	1046 734	76 153 26 53	*LZ1IQ *LZ2CH *LZ3AW *LZ1WF	"	141,980 122,760 91,932 66,220	395 504 351 242	67 162 37 128 42 121 51 121	*OZ1TJ *OZ6AGX *OZ1DAE *OZ5DX	"	101,388 93,215 31,980 4 032	373 52 331 47 184 30 42 14	2 161 7 134 6 94 4 18
JA3IKG JE3VRJ *JL3MCM	" 30,3 " 8,8 A <b>535,5</b>	42 141 20 88 <b>34 642</b>	24 54 18 31 <b>105 218</b>	*JR7ASO *JE7SRK *JM7GTK	" 1 <sup>°</sup> " 1(	1,050 0,764 1,596	76 27 38 60 31 38 22 17 21	*EY7BJ	A	Tajikistan 492,352	1024	47 149	*LZ3ZQ *LZ5PL *LZ1KZ	" "	43,990 37,506 33,929	157 243 135	45 121 35 106 37 94	*OZ1THC *OZ2JI *OZ6TL	" " "	432 128 <b>36,288</b>	20 8 411 1	7 17 8 8 <b>7 55</b>
*JJ3TBB *JA3NUT *JS3EOE	" 191,1 " 95,7 " 79,0	00         421           35         375           48         264           56         224	74 141 76 139 57 101 55 107	*JK7BEJ *JE7KJG *JA7RPC	" 21 24 " 1	920 <b>4,633</b> 1,130	23         14         14           19         10         10 <b>145 22 47</b> 94         18         35	HSØZNV HSØZME	<b>A</b> "	Thailand 41,440 40,744	<b>184</b> 271	<b>36 76</b> 29 59	*LZ1NYK *LZ1BY *LZ2JE *LZ5GM	"	4,617 4,459 2,135	75 58 28	18     39       13     36       16     19	G9W	A	England 6,439,264	5026 15	2 446
*JJ3QJI *JA3VQW *JQ3BAV *JO3QVT	" 78,9 " 71,6 " 45,1 " 15,8	66 248 85 213 95 167 40 76	49 74 49 86 43 72 31 49	*JF7VVL *JI7OED/7 *JP7GRU *JP7BCL	"	3,648 2,816 28 18	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*E2ØWUE *E2ØMWE *HS8KGG	<b>A</b> "	<b>70,022</b> 25,312 7,336	(OP: <b>207</b> 124 75	<b>55 102</b> 44 69 22 34	*LZ7VM *LZ4TX *LZ6T	28 "	42 <b>236,880</b> 44,912	3 7 <b>89</b> 176 (OP:	3 3 31 113 32 80 LZ2JA)	M5DX G3BWF	"	2,333,096	(OP: Mg 2663 115 (OP: G 1264 86	<b>∂DXR)</b> 5 357 i4FAL) 6 261
*JJ3IUS *JO3JYE *JF3RLV * IA3PEV	" 12,6 " 7,7 " 6,2 " 4 4	27 71 40 87 40 46	31 38 18 18 25 35 20 26	*JH7IQQ *JA7LLL *JR7ANB * II 7LLII	14 33 " 20 " 1!	<b>2,560</b> 6,754 5,930	<b>181 26 54</b> 148 25 53 101 18 41	*HS5SOV *HSØZOK <b>*E25CRF</b> *HS5TXB	" 28	2,310 2,072 <b>78,925</b> 6,392	40 55 <b>610</b> 58	14 19 17 20 <b>20 57</b> 14 33	*LZ2GS *LZ1DQ *LZ1IA *LZ1IA	" "	14,539 10,260 9,400	122 104 103	20 47 18 39 20 30 26 74	G2E G4FKA G3ZGC	"	602,992 431,244 343,392	1109 84 848 64 728 70	4 254 4 178 0 222
*JE3OUU *JK3OTH *JG3EHD	" 2,7 " 2,2 " 2,2	10         40           28         44           42         47           20         10	19 25 18 20 5 9	*JA7KPI	1.8 Disti	1,518 rict 8	58 10 13	*HS5ZLD *HS8JYX *HS5AES	" 21 14	195 13,048 13,000	11 125 124	6 7 17 39 17 35	*LZ1BP *LZ2SQ *LZ3SF	7 3.5	<b>103,014</b> 1,000 <b>6</b>	527 29 1	<b>29 89</b> 10 15 <b>1 1</b>	G3T G4DBI	"	178,596 19,635	524 4 (OP: G 199 32	4 204 7 151 3VGZ) 2 87
*JE3EDJ *JA3RAZ *JR3EOI *JF3IYW	28 62,1 " 3,6 21 231,8 " 81,1	<b>92 221</b> 72 62 <b>94 786</b> 89 341	<b>33 71</b> 19 32 <b>33 84</b> 31 66	JABHUZ JABNRS JGBTDZ JABDNV	A /3 "3" 28 12 3.5 10	9,200 1,296 2,060 6,240	195         75         105           144         39         57           88         24         43           130         27         53	*A65DF	/ Inite A	d Arab Em 127,374	41 irates 268	58 155	<b>9A2AJ</b> 9A3EZ	A "	Croatia 3,342,054 61,341	<b>2824 1</b> 295	<b>51 502</b> 30 97	G4HZV G4DYC M1B G9D	28 " 21	<b>30,368</b> 14,464 3,959 <b>15,158</b>	164 2 98 2 48 1 131 1	2 51 2 42 4 23 4 39
*JF3PLF *JA3JRI *JH3RGD *JB3XEX	" 50,4 " 21,4 " 12,4 " 10 1	06 301 50 143 46 110 50 104	20 42 23 43 18 31 20 30	*JA8RWU *JR8NOD *JM8LND *JA8CXY	A 42 " 38! " 35: " 22!	<b>7,750</b> 5,944 3,100 9,278	<b>627 108 187</b> 561 114 198 547 91 184 451 80 126	UK7AL *UK8IQ	A	Uzbekistar 428,910 426.404	ו 677 777	65 190 58 184	9A1VV *9A1AA *9A3SM *9A6BT	7 A "	<b>33,535</b> <b>1,748,028</b> 516,750 235,554	174 1997 1 689 531	<b>25 70</b> <b>21 387</b> 97 293 62 187	G4FNL GØHVQ	3.5 1 9	<b>258,520</b> 26,466	(OP: Ge 1610 2: 310 14	<b>392</b> 452 736
*JA3MQY *JA3DAY *JG2CNS/3	" 8,0 " 5,0 " 2,2	64 66 40 62 08 39	14 34 12 23 13 19	*JK8PBO *JM8PSY *JM8RWJ	" 7! " 34	5,175 4,944 8,957	216 62 93 164 46 58 72 23 30	3W3B	A	Vietnam 24,244 246 164	98 689	42 74	*9A3NC *9A2M *9A3BCW	"	47,558 23,229 6,132	218 127 102	43 115 26 61 25 59	*MØXUU *2EØCVN	Å	<b>495,320</b> 493,770	(OP: Mg 1023 6 1135 7	<b>2NPK)</b> 8 237 3 229
*JG3XDR *JE3EVI *JH3FTZ	14 7,5 " 3,3 " 2,1	<b>44 66</b> 00 42 46 36	<b>15 31</b> 13 20 9 20	*JR8WOW *JM8ONP * <b>JE8IAS</b>	" 28 1	1,372 1,173 5 <b>,750</b>	07         10         20           20         13         15           19         9         14           134         25         45	*9M2CIF	W	est Malays 1,632	sia 47	15 17	*9A2VX *9A9XX *9A5ST	20 14 "	1,127 28,950 26,036	18 242 173	9 14 16 59 24 68	*MØRYB *MØURL *G3VYI	"	450,561 323,904 244,200 192,474	934 70 860 50 670 50 522 55	5 233 5 185 6 166 5 167
*JR3OYH *JQ3BVC *JF3ROH	7 7 " 3 " 1	<b>41 19</b> 36 15 68 7	<b>9 10</b> 7 7 4 4	*JH8RXM *JH8DHV *JR8QFG *JM8SMO	21 2 " 23 " 19 " 19	<b>8,656</b> 3,430 9,976 5,903	1822547150234316416281172334	*9M2HUS	7	224 EUROPE	12	79	*9A2IK <b>*9A2MF</b> <b>*9A9CW</b>	" 7 1.8	1,247 <b>22,288</b> <b>6,235</b>	25 278 157	11 18 11 45 5 38	*G4EBK *M4X *G4POF	"	180,404 93,982 92 916	514 5 302 42 (OP: G 311 4	5 183 2 95 3SZU) 2 136
JH4UYB JH4MTE JA4VNE	Japan - Di A 4,296,2 " 123,7 " 423 6	trict 4 40 3154 50 257 37 167	<b>152 368</b> 70 128 42 67	*JH8DBI * <b>JG8NKJ</b> *JA8HBO <b>*JK8NIP</b>	" 14 1 "	5,712 <b>2,958</b> 9,612 <b>2,322</b>	52 15 27 90 19 43 94 19 35 35 13 14	OHØZ	A	land Island 3,143,880	ds 3455 (OP	138 430 : OH6EI)	OK2EA OK1EP	Cz A "	ech Reput 882,112 436,847 387 144	1617 652	<b>81 277</b> 95 294	*G4FEV *G4CXQ *G3SVK	66 66 66	82,998 81,750 63,680	307 40 334 34 229 5	6 128 4 91 7 103 4 109
JA4EZP JA4EEV JE4JPQ	" 8,9 " 7 7 4,7	76 50 28 18 27 59	12         67           26         42           12         14           10         19	JA9CWJ	Disti	rict 9 5,594	956 107 231	*ZA1ME *ZA1EM	Å "	Albania 108,353 66,444	<b>526</b> 635	<b>32 129</b> 22 91	OK10A OK2ZDL OK1KTI	"	387,144 345,886 182,528	591 411 (OP: OI	81 245 80 176 K1ATQ)	*G5C *MØSDB	"	60,634 59,364 46,400	246 34 301 34 (OP: G4 251 38	+ 108 4 119 4OGB) 8 107
JL4DJM <sup>·</sup> *JE4MHL	1.8 1,0 A 1,049,5	/1 28 22 1073	8 13 127 262	JA9CCG JH9FCP	- 3! " 4	5,175 4,386	158 43 62 52 19 24	*ZA1F <b>*ZA1AK</b>	" 14	51,072 <b>968</b>	300 <b>30</b>	30 84 7 15	OK1AWC OK1FU	"	179,765 63,450	401 230	63 166 46 95	*MØCVO *G4SDX	"	46,011 42,108	303 34 200 32	4 113 2 84

*M3X "	36,654	205 32 91	*RA4CCK	" 1,947	72 14 45	*DL2IAN	"	84,203	315 4	45 116	*DL8UKW	"	493	20 7	10	*SV1JFL	"	14,652	111	26	7
*G3SQU " *G4NKT " *G5DXC "	35,360 34,874 30,260	(0P: MØ(H1)) 161 33 52 192 29 77 161 31 58	*R4AC *UA4QK *RA4HMT	20 20,724 " 2,415 21 16,576 " 14,570	48 10 25 159 18 56 177 14 48	*DH2URF *DF7CP *DH6RS	66 66 66	78,912 72,930 72,540 70,875	396 4 304 4 298 3 305 4	4 148 40 147 34 122 40 135	*DL6KWN *DL2RUG *DL1XW	<b>3.5</b>	9 <b>42,490</b> 14,880 12,383	7 3 520 12 227 9 139 12	58 51 49	GU4CHY	28	759 Guernsey 60,598	341	21	• / 61
*G3NKS " *G4BEE " *G3XTZ "	27,120 26,676 25,970	(OP: MØCTP) 173 28 85 156 31 83 144 34 64	*UB4FFB	14 28 District 6 A 257,202	7 3 4 649 79 218	*DL2ZA *DL1YEG *DF3CE *DL5UR	"	69,736 65,703 63,651 60,564	308 4 238 4 212 4 286 3	43 141 49 132 43 104 33 114	*DF9ZV *DL7VFM * <i>DL7ET</i> <b>*DLØMCM</b>	" " 1.8	8,268 2,904 <i>1,710</i> <b>12,255</b>	150 8 58 8 <i>62 3</i> <b>225 10</b>	45 36 <i>27</i> <b>47</b>	*MUØFAL	21	43,092 Hungary	276	16	47
*GØJOS " *G4EBY " *G3WRR "	21,756 21,364 17,864	146 32 66 168 22 87 105 32 56	R6CA RU6CO	" 115,080 " 89,646	(OP: R6DJM) 271 69 141 251 63 160	*DL1EHG *DAØA	"	59,774 56,610	268 182 (OP:	39 104 54 99 DK5JI)	*DL1KVN *DM2BPG	"	2,701 2,074	(OP: DL6) 87 5 84 4	<b>KWN)</b> 32 30	HA8MD HA7P	"	143,792 130,832	499 491 (OP	41 1 42 1 HA7P	1 60 7
*2EØOBO " *MØMUI " *MØIDL "	7,560 1,920 1,488	106         20         48           99         13         50           58         6         24           37         7         9	*UA6GO * <i>RL6C</i> *R7KX	A 1,495,458 <i>"819,221</i> "460,964	578 22 73 1966 117 385 693 121 412 915 81 245	*DL1HSI *DF1DX *DL8SDC	"	56,304 52,281 51,600 51,072	227 4 243 3 203 4	47 110 47 86 40 88	OH1VR OH2N	Å	Finland 1,128,318 55,796	<b>1493 114</b> 198 49	<b>377</b> 99	HA7SQ HA8IH *HA5PP *HA2W	14 7 A "	240 73,467 1,171,698 750,720	20 391 1376 1147	2 23 110 3 91 2	5 4 0
*G4YRF " *GØORY 28 *G3MOT "	703 <b>35,490</b> 23,142	41 8 11 <b>216 21 49</b> 167 17 41	*RM7C *R6KX *RA7R	<ul> <li>" 374,390</li> <li>" 331,224</li> <li>" 184,630</li> </ul>	1002 58 232 586 77 219 595 48 137	*DL1SL *DK5ZX *DL8ULO	"	50,887 49,861 47,829	218 4 296 2 226 4	43 108 29 90 44 105	OG5G OH1XY OH3PE	" "	42,560 17,711 4,484	170 39 84 33 55 21	113 56 38	*HA8WZ *HA5BMS	"	486,324 394,625	(OP: H 993 1009	HA2EO 72 24 69 20	U 44
*G000R ** *G4C 14	<b>42,480</b>	52 18 29 <b>353 19 53</b> (OP: GØIBN) 213 21 66	*R6KY *R7KO *UC6Y	" 121,912 " 71,977 " 70,446 " 50.927	242 71 125 302 41 126 304 39 138 252 33 94	*DK9OY *DH7TS *DL2FAG *DF8IU	"	46,816 46,375 45,080 41,760	210 4 224 3 167 4 202 3	14 89 36 89 40 75 39 105	OH2BBT OH6AC	28 "	3,712 167,367 5.856	47 17 717 31 (OP: OH 76 14	15 110 6CS) 34	*HA1TV *HA4YF *HA3HK *HA8AT	"	278,108 182,756 161,837 122 385	696 479 449 360	53 1 60 1 55 1	98 84 50
*G4WGE " *M2U "	27,654 26,730	294 14 52 287 14 52 (OP: MØDHP)	*RA6MQ *RA6WF *R7KA	" 13,464 " 11,495 " 10,449	130 23 45 91 26 69 65 33 48	*DM5WGL *DLØNG	"	39,942 39,102	220 186 (OP: E	34 92 34 80 0K8NC)	OH8Z	21	535,650	(OP: OH1 1878 37 (OP: OF	ZAA) 113 18PF)	*HA7PO *HA5G <b>*HA2MI</b>	" 28	81,144 36,504 <b>21,584</b>	223 187 <b>129</b>	62 1 31 <b>24</b>	00 71 5
*MØPLA " *M5P " *MØKNG "	3,400 644 72	75 8 32 22 7 16 (OP: M5BIR) 6 4 5	*R/AY *UA6J *R6NN *RN6DB	" 5,546 " 2,250 " 2,106 " 1,258	38 25 34 37 17 28 22 17 22 38 8 26	*DL3YEE *DK6OR *DG5CW *DH7BG	а а а	39,026 37,560 36,974 35,510	145 8 143 4 193 3 153 3	54 104 42 78 39 94 36 70	OG2X OH5ZA	"	97,578 1,170	473 28 (OP: OH 30 6 (OP: OH1	89 2RM) 20 ZAA)	*HAØLZ *HA6IAM *HA8EN	" 14 "	6,450 <b>87,812</b> 51,798	60 <b>486</b> 368	21 32 24	29 84 73
*G4RMV 7 *G3TJE 3.5 *MØNDZ 1.8	6,030 5 3,080 3 17,700	90 11 34 68 6 34 275 11 49	*UA6HLP *RC7B *RV6ARZ	" 40 28 41,454 7 630	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	*DM2ORI *DO5HCS *DL2NY	66 66 66	34,713 33,408 33,360	141 4 184 3 167 3	14 89 37 79 34 86	OH8X OH1QX	14 "	<b>846,612</b> 522	2697 38 (OP: OH 19 6	<b>124</b> 6UM) 12	*HA8KM *HA4N	" 1.8	89,712 80 19,656	6 397	4 9	94 ( 4
*ES1OX 3.5	Estonia 5 15,939	309 10 53	*RC7LS	1.8 195 District 9 21 51,150	10 5 10 253 25 85	*DF2IY *DF7AT *DL9GMC *DL3MB	"	31,824 31,047 30,738 29,766	136 4 139 3 202 3 183 2	43 74 31 100 30 79 22 60	OH5AG <b>OH9COG</b>	" 7	120 <b>22,630</b>	(OP: OH1 5 5 (OP: OH) <b>225 15</b>	ZAA) 5 5CW) 5 <b>58</b>	TF3SG *TF3VS *TF8KY	A A "	lceland 1,870,281 150,348 8 413	2366 501	103 3 37 1	38 50
Eu RT1L A	Iropean Rus District 1 103,550	<b>ssia</b> 294 63 155	*R9XS *RA9XSL *UA9XK	A 145,432 " 5,586 " 4,565	488 47 149 50 24 33 77 14 41	*DJ1KW *DL9AAA *DL5CC	"	28,272 26,964 26,280	118 134 134	36 57 32 52 41 105	OH4BCS	3.5	2,170	(OP: OH1 56 6 (OP: OH1	ZAA) 29 ZAA)	EI5KF	A	Ireland 2,325,180	3071	89 3	.0 <sup>-</sup>
RU1QD " RW1AI " *R1QE A	69,795 399 84,303	397 35 130 13 8 11 441 36 135	*TA1NAI	European Tu A 404.826	rkey 836 76 251	*DL3EL *DF1GRA *DL9YCS	"	26,037 25,755 25,641 25,441	144 129 170 123	33 66 32 53 31 80 34 69	*OH1TS *OH3MZ *OH8SE	а "	74,375 25,875 12,467	301 45 187 27 101 30	130 88 61	EI6FR <b>*EI8KV</b> <b>*EI2KU</b>	" 14	403,200 65 6	1179 9 3	49 1 <sup>°</sup> 5 1	76
*UC1A " *RT1I " *RN1AO "	50,920 27,625 20,301 14,784	184 31 94 146 36 65 90 32 64	*TA1NCT *TA1AQW	" 306 " 180	16 5 12 10 9 9	*DL3ARM *DJ3CS *DL2AXM	"	25,419 25,404 21,716	139 117 128	36 75 38 78 37 85	*OH2LU *OH3HZ *OH9GIT	" "	9,384 5,166 899	128 15 50 21 27 8	54 42 21	*GDØAME *GD5F	 ) A 14	sle of Mar 74,889 108,847	ר 334 794	38 1 19	2 <sup>-</sup> 7(
*R1IV " *RN1CW " *RV1AQ "	6,760 3,780 3,600	101 14 51 30 25 29 36 19 29	DL2CC DC4A	<b>A 3,121,938</b> <i>*</i> 2,654,000	2551 126 376 2420 133 367 (OP: DL4NAC)	*DF7OA *DL1YAB *DF7OA *DL8UKE *DK3PM	"	21,620 21,500 21,131 19.665	140 2 125 3 117 3 109 3	28 66 31 69 36 77 30 85	*OH3MC *OH3HS *OH5TS *OH2BN	21 14 "	<b>23,925</b> <i>22,338</i> 8,600	<b>152 21</b> 175 18 190 6	66 55 37		•	Italy	(OP: 0	GD4RF	Z
*UA1D " *R1BC " *RK1F "	3,431 3,294 1,650 529	43 16 31 44 25 36 20 14 19 14 11 12	DLØRUS DL4ZA	<ul><li>" 1,259,145</li><li>" 395,514</li></ul>	(OP: DJ2QV) 898 65 236	*DL7NY *DO1AYJ *DL9DWR	"	19,475 19,096 18,693	109 206 111	34 61 25 63 32 61	* <b>OH9SE</b> *OH5UQ	7 "	<b>104,412</b> 31,752	773 30 (OP: OH9 213 25	83 HDH) 73	INDI I1NVU IZ2MGN IK7NXU	<b>A</b> "	946,746 581,436 430,326	1254 909 653	90 2 127 3 108 2 87 2	20 64 64
*R1AT 14	5,104 District 3	92 10 34	DL3AO DJ2IA DL1ASP	<ul> <li>" 317,700</li> <li>" 299,886</li> <li>" 242,608</li> <li>" 215,718</li> </ul>	484 92 208 492 88 214 672 61 196 580 55 174	*DL52R *DJ6PC *DL4JWU *DL2AWA	"	17,394 15,470 15,308 15,120	111 77 127 112	31 47 31 39 21 65 29 61	TM5T	A	France 1,563,744	2284 87 (OP: F5	249 5VKT)	IK2AHB IZ5EKV IZ3DVU	"	305,539 233,634 227,810	531 749 515	70 1 42 77 1	77 96 32
RT2H " RA3NC "	225,720 170,660	( <b>OP: RU3UR</b> ) 694 51 213 429 64 201	DL1YCF DL9NDV DL7VMM	<ul> <li>213,710</li> <li>213,520</li> <li>201,620</li> <li>161,356</li> </ul>	534 66 206 306 91 249 563 44 170	*DL2GMI *DL2DBH *DK6AC	"	15,104 14,608 13,590	94 2 97 2 142 2	26 38 29 59 20 70	F5PCV F4ARU F6BLP	" "	347,984 196,392 153,827	694 72 680 45 283 68	167 122 131	IZ3QHA IK5EKB I4JED	"	85,057 70,380 61,194	308 341 388 149	48 1 27 73 1	55 42 13
UA3UBT " RA3FY " RV3TG "	145,485 24,276 10,428	285         79         226           164         22         29           108         20         59	DL5DXS DJ7OQ DF1XC DK3AX	<ul> <li>" 150,240</li> <li>" 143,715</li> <li>" 142,825</li> <li>" 124,845</li> </ul>	382 58 102 378 55 146 507 41 156 419 51 152	*DL1RLB *DL8CO *DJ5QE *DJ3GE	"	12,524 10,126 9,717 9,310	90 2 70 2 107 2 59 3	21 41 25 36 24 55 30 40	F5MWA F1RHS F6LIA <b>F5PHY</b>	" 28	18,156 4,070 <b>123,776</b>	149 32 133 31 44 18 <b>432 32</b>	58 37 <b>96</b>	IK5FKF IKØTUJ IZ4DZD	"	41,866 34,710 26,132	189 226 156	36 36 26	85 94 68
RV3F1 RA3XM 28 RG5Z " RA5BI "	90 161,840 21,406 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	DL4ABR DL6DVU DGØKS	" 124,043 " 120,927 " 114,848 " 87,696	470 44 129 315 54 140 322 50 124	*DL1GWS *DL9WO *DM3XB	"	9,090 9,028 8,550	107 2 131 7 78 2	23 67 16 58 27 48	F8AAN TM6X	21 "	59,660 <b>584,982</b>	424 22 1615 37 (OP: F5	54 125 VHY)	IK1EQE IK2IKW IK6BAK	"	21,054 16,465 14,440 11,880	95 96 136	42 35 32 13	54 63 42
RC3U 21 *RV3ZN A *RW3X "	77,770 502,999 434,920	411 28 82 842 102 295 1052 82 250	DL2DSA DF5BX DJ4KW	" 86,757 " 84,840 " 73,968 " 69,394	210 72 167 351 42 126 293 48 136 246 46 111	*DL7UFR *DL8CKL *DB4LL *DL9SUD	"	7,869 7,747 7,680 7,458	61 2 69 2 90 2 98 -	21 40 20 41 20 44 16 50	F6ARC F4VSD *F6FTB *F5SGI	" A	436,893 8,788 <b>957,849</b> 801,781	1294 35 133 13 <b>1180 102</b> 1202 83	39 315 278	IQ8OJ	28 "	<b>25,920</b>	209 (OP: 113 70	21 IC8OZ	33 M 36
*RD3FT " *R2UZ " *R2PT "	109,823 65,010 50.024	405 60 170 349 52 151 207 65 132 177 43 126	DK5PF DL6NAV DK5SF	" 67,072 " 34,239 " 28,372	236 42 89 165 37 64 130 24 58	*DL5QS *DH4GB *DHØVA	" "	6,016 5,915 5,304	54 2 64 2 109	21 26 22 43 17 51	*F5ICC *F5JU *F5JBR *F6BOC	" "	545,694 265,212 228,260	851 72 494 73 687 44	237 205 182	IU3LYJ IK3UNA IKØLNN	" 14 7	5,320 39,088 7,776	54 297 78	16 15 16	24 4 20
*RV3AJ " *RM2R " *RM3TO "	42,336 36,716 32,568	295         24         102           172         41         93           209         35         83           100         00         70	DL3BCR DL5BCF DG2BAR	<pre>     " 26,487     " 19,404     " 5,632     " 5,472 </pre>	120 34 75 192 21 77 48 25 39 57 18 30	*DL7VRG *DL1BJO *DG5DH	"	4,884 4,312 4,214 4,140	88 49 72 38	17 49 19 30 11 38 18 27	*F6JOE *F5VV *F5KLE	"	163,072 127,500 122,400	565 45 364 54 428 47	137 150 153	IR2R	3.5 "	71,682	725 (OP: 148	14 IZ2EW	64 R 46
*RA3XCZ * *RA3VE * *RA3V * *R2RZ *	15,840 13,900 12,408	122 29 76 136 27 72 195 20 80 76 38 56	DJ2SL DL4LBK DL2OM	<ul> <li>" 1,067</li> <li>28 127,484</li> <li>" 69,834</li> </ul>	35 6 5 482 31 85 372 29 74	*DK9ZE *DG1YBN *DJØMA	"	3,572 2,688 2,560	42 47 68	18 29 12 30 8 32	*F4DXX *F5TFW *F5OZC *E8NUH	" "	118,464 109,824 99,684 81,466	394 43 346 65 477 35 253 48	149 143 121 106	*IY3A	A	3,397 5,079,492	(OF 4028 (OP)	, 18YG 147 4 1 <b>Z3EY</b>	Z 59 72
*UA3QR " *RN3DN " *UA3UAD "	12,126 11,224 10,005	117 22 72 74 37 55 102 22 65	DF5DK DK2AI DJ8ES	" 2,912 " 1,015 " 216	49 12 16 23 14 21 6 6 6 2556 33 112	*DL1AWC *DL2BUM *DL2VN *DE4WO	и и и	2,288 1,806 1,599 1 485	50 28 42 33	11 33 20 23 9 30 9 24	*F6GCI *F5IAE *F6BUL	"	65,190 59,584 59,128	232 51 192 45 198 51	108 88 101	*IK1JJM *IK8UND *IUØHMB	"	1,163,864 1,116,402 511,632	1661 1675 988	91 2 94 3 80 2	70
*RT3DZ *RT3LA " *RW3QJ " *UA3GDU "	8,140 3,382 3,008 2,508	49 29 45 35 17 21 28 20 27 33 21 23	DL9LM DK5GB	" 92,760 " 73,692	(OP: DK3DM) 440 29 91 467 22 70	*DL9ZWG *DL3SC *DL6OAA	"	1,290 1,260 1,160	32 34 28	14 29 11 25 7 13	*F8DCZ *F5GGL *F5LVR *F5OKB	"	54,085 42,240 41,615 37,922	203 48 121 53 245 39 240 34	97 112 106 100	*IUØLJD *IK7XJA *IK6GPZ	"	233,800 220,884 213,024 195,020	502 501 593 479	63 1 65 1 61 1	74 59 84
*R2AKM " *RX3AAA " * <i>RT3K</i> "	1,548 1,160 <i>240</i>	66 8 28 32 7 22 <i>8 6 6</i>	<b>DK2CF</b> <b>*DL2NBU</b> *DK3YD	3.5 79,776 A 1,545,726 " 744,255 " 502,070	<b>727 21 75</b> <b>1678 120 374</b> 1364 76 257	*DJ6MK *DL7DAZ *DK5KF *DK4IO	и и и	1,134 1,092 962 860	28 28 26 29	9 18 11 15 10 16 6 14	*F4HYY *F6API *F6FNA	" "	35,088 31,808 28,060	249 25 163 39 121 45	77 73 77	*IK2UEX *IZ4OSH *I6FDJ	"	192,863 170,986 161,394	659 553 610	45 1 61 1 53 1	52 53 69
*RV5K 28 *RV3VR " *RU5X " *R3PIQ "	31,390 22,041 17,780 17.000	246 24 62 217 22 57 143 20 50 159 19 49	*DL5KUD *DL1SAN *DL1USB	" 432,485 " 380,760 " 343,886	724 76 259 801 64 221 693 77 201	*DL6RG *DL1SBF *DK7MCX	 	756 475 360	28 15 17	11 16 7 12 6 12	*F5PP *F5MMB *F6FET *F4FRC	"	24,318 23,760 22,363 21,408	216 29 118 28 129 31 177 27	97 44 76 69	*IK1AYT *IN3MNS	"	149,810 147,550	359 (OP: 405 541	76 10 IK2WX 55 11 50 1	Q 56 77
*RW3WX " *UB5MBA " *R3AQ 14	6,164 4,446 108,480	62 16 30 90 8 31 478 27 93	*DJ9CN *DF6QC *DM3AZ	" 329,208 " 325,755 " 321,024 " 291,957	639 77 242 784 63 222 556 77 187 650 69 238	*DL3AWI *DB8SM <b>*DL9GK</b> *DK1KW	" 28	350 126 <b>50,904</b> 26 418	23 13 <b>252</b>	7 18 8 13 26 58 25 49	*F4HAB *F6KBN/P	"	20,664 17,628	162 30 131 36 (OP: F	96 77 5IBV)	*IZ6BXQ *IN3ZWF *IK2SAR	"	121,875 103,530 79,651	326 508 255	56 1 33 1 43 1	39 41 00
*RV3YR * *UA3SDN * *RZ3AMW 7 *UA3YDI *	8,000 3,198 49,231 21,240	110 11 39 67 8 33 430 21 70 250 17 55	*DLØF *DM5MA	<ul> <li>291,937</li> <li>271,400</li> <li>252,250</li> </ul>	1196 54 176 (OP: DL2FDL) 635 58 192	*DL5MEL *DL5WB *DL2SBY	"	22,976 14,204 12,017	151 2 104 - 86 2	23 41 19 34 22 39	*F5JOT *F1MLN *F4GFT	" "	15,540 9,009 8,748	139 21 117 26 96 15 89 20	47 44 48 61	*I2TFJ *IK1BPL *I5YKQ	"	73,528 65,100 63,474 62,730	286 242 286 298	47 1 42 1 37 1 35 1	30 08 05 18
*R5FQ " *R5AV " *RA3UAG 1.8	17,748 2,622 3 11,825	226 14 54 49 12 34 217 8 47	*DM6WAN *DL8RBR *DJ7UC	<ul> <li>231,978</li> <li>225,760</li> <li>221,885</li> <li>210,514</li> </ul>	592 60 186 482 74 198 469 58 141	*DJ9KH *DK9TF *DK9ZQ	" "	9,558 3,472 3,266	86 · 43 · 80 ·	19 35 13 18 18 28 7 12	*F8FQJ *F2AI *F4WCY	" "	8,128 6,552 5,192	68 21 78 23 79 14	43 49 45	*IK5BDG *IK2AUK *IKØISD	"	55,580 49,880 49,140	200 226 200	51 36 1 47	89 09 93
*UF5A " *RZ3MM "	10,545 7,400 District 4	174 9 48 141 10 40	*DL7USW/I *DL3DRN *DL3PIA	218,514 210,375 " 202,070 " 180,400	606         61         176           389         85         190           452         58         184           335         84         191	*DL1NUX *DK1FY *DL4XT	" "	740 663 165	15 19 6	7 12 10 10 6 7 5 6	*F5MGD *F4ILK *F5FKY	66 66	3,312 3,080 1,560	40 23 61 14 40 21 29 13	32 34 17	*IK8ARF *IK2QIK *IK2CMI *IZ5HQB	"	45,980 44,485 43,470 43,197	192 237 204 192	46 39 1 32 1 38	75 16 06 83
R4RT A UA4WW " UA4PAQ "	195,529 55,132 41,275	686 57 194 207 43 111 229 31 96	*DL8HK *DLØRD	<ul> <li>" 179,231</li> <li>" 169,726</li> <li>" 160,488</li> </ul>	632 46 175 456 64 162 (OP: DL3CQ)	*DM3CW *DHØGDS *DL5ZL *DO2XU	21 "	<b>79,213</b> 38,325 30,102 8 364	<b>318</b> 238 174 95	30         83           20         55           25         62           11         23	*F8EBY *F5DM *F4HQO *F8FPW	" 28 14	1,121 33,596 108 3 150	27 10 189 22 6 3 48 8	9 52 3 37	*I1BPU *I8IEQ *IKØPXD	"	42,228 38,304 31,560	214 195 222	38 1 43 1 30	00
RW4HD " RQ4F " R4SA 7 *BA4ACX A	26,768 5,559 194,292 285 769	91 47 65 43 20 31 885 30 96 642 78 235	*DL4XU *DL7YAD *DL4JU *DM3XI	" 169,488 " 167,640 " 167,328 " 164,338	548 47 151 369 62 158 351 59 165 333 78 176	*DO2MOG *DD2MOG *DL9ZP *DL4AAE	" 14 "	429 <b>191,565</b> 175,336	15 <b>797</b> 727	5 6 32 97 33 91	*F4ICZ	7	Gibraltar	40 0 3 2	3	*IU6FUB *IK4XQT *IK1RAG *IZ3ZOO	"	30,300 29,866 24,409 23,575	184 194 132 181	41 1 27 33 24	)9 82 44 91
*RN4ZT " *UA4LCC " *RA4CL "	194,271 154,358 130,275	526 71 248 495 55 171 415 60 165	*DL9MFY *DK7GH *DK2TX	<ul> <li>158,144</li> <li>157,845</li> <li>149,058</li> </ul>	448 59 165 332 60 195 446 49 133	*DG4UF *DLØGEO	"	28,124 17,520	221 206 (OP: D	18 61 11 49 L2YAK)	*ZB2 /PA5JF	14	27,495	265 14	51	*IK6OIN *IK1YRA *IK5OJB	"	23,004 22,842 20,553	100 108 171	44 30 26	64 5 67
*RK4S " *R4WZ " *UA4FDL " *B4PFI "	122,892 103,986 103,472 86,075	393 50 178 287 57 161 400 55 177 399 41 124	*DG9MDM *DL1BWU *DF3IS	142,486 " 119,856 " 113,832 " 109,931	218 /2 119 289 69 158 238 84 164 293 63 148	*DB3MI *DL4HCF *DB8AH	"	3,393 2,880 2,343 1.175	68 56 45	6 26 7 26 6 19	SV2DSJ *SV1CKZ	A A "	491,598 435,006 359,295	<b>1171 71</b> <b>849 72</b> 976 64	208 266	*IK8RJS *IN3OWY *IK2AIT *IK2I LI⊏		19,936 19,824 19,474 19 159	147 245 115 139	36 12 30 23	72 72 6' 7'
*UI4F " *UA4WJ " *RK4NB "	75,449 74,753 43,605	174     55     154       285     46     135       222     38     97	*DC8YZ *DJ8QP *DL4HBF	" 107,358 " 102,720 " 100,200	430 44 130 366 53 161 296 51 149	*DL5LWM *DK4LX *DL1AIW	" 7 "	144 <b>81,002</b> 36,366	12 497 2 249 2	4 8 24 77 20 67	*SV8DAW *SV1IU *SV2HUD	"	151,768 63,828 50,560	443 66 236 54 282 42	178 108 118	*IK2CYC *IZ5BBS *IU6AIG	"	18,732 18,308 18,231	135 123 138	25 26 28	59 66 75
*UA4HBM " *UA4PKA " *RD4AQ "	36,680 29,736 16,954	156 42 98 130 39 129 77 38 60	*DL2GPK *DL9DBZ	" 99,372 " 93,058	368 45 151 364 42 119 (OP: XX9XX) 246 62 120	*DF5BM *DK4RM *DL1THB *DG3B7	66 66 66	24,220 23,100 16,510 8 375	209 136 200 94	13 57 20 64 15 50 13 54	*SV2SKD *SV1CEI *SV1NZB	66 66 66	49,155 47,082 22,413	314 35 161 47 107 35	110 67 58	*IU4CSS *I100Q *IWØGYC	"	18,042 16,560 16,368	121 118 112	28 27 30	65 65 58
rvv4HM " *R4DI " *R4AJ "	6,380 3,520 2,544	08 19 36 34 20 24 55 12 36	*DJ7PR *DL7VHP	" 89,994 " 88,825	2+0         62         139           304         44         115           249         58         129	*DL4FDM *DL2RZG	"	3,400 1,161	58 44	10 24 5 22	*SV1XG *SV7CUD	"	22,168 21,411 15,840	203 36 143 37 116 28	80 62	*IZ5IPA *IKØVVP	"	15,708 15,390 12,496	92 95	24 40 24	55 55 47

*IK6XEJ *IU6DVS *IK7YTT *I4JEE *IZ8QPA *IZ8FPK *IW5ELA *IZ2BVC		11,316 9,576 9,548 8,056 7,920 7,776 7,770 7,750 7,347	62 56 48 72 119 75 46 95	30         39           28         35           34         43           24         52           19         61           16         38           26         36           22         57	* <b>Z35W</b> *Z32ZZZ * <b>Z35F</b> GI4FUE	A 28 Noi 3.5	297,245 15,540 43,795 rthern Irela 35,342	682 6 144 2 248 2 and 345 1	7 202 9 76 8 67 5 67	CT7ANO *CR5O *CT1ELZ *CT1FAC *CS2C	1.8 A " 28 / 21	2,370 2,394,132 157,197 17,108 308,826 30,225	52 2879 (OP: 495 138 1079 (OP: 211	8 22 101 346 CT7AJL) 46 137 23 68 30 96 OK1RF) 27 66	OM5VS OM3CM OM8LA OM2XW OM5R OMØAS	" 28 21 7 " 3.5	98,952 32,215 49,995 701,415 633,984 34,176 338,873	323 <b>167</b> <b>233</b> <b>2536</b> 2544 (OP: O <b>500</b> <b>789</b>	48 138 28 57 28 71 33 110 31 97 M5WW) 10 54 68 249	*SE6K *SD5M *SGØM *SM5MX *SE7X		38,500 20,544 12,800 10,780 9,768	276 31 10 (OP: SM6FZC 98 32 6 (OP: SM5DFM 82 26 5 (OP: SAØAQT 99 28 7 75 32 5	9) 54) 54) 54 54) 54 56
*IU6MQO *IK2NUX *IZ2ABZ *II6A *IUØMVD *I10QI *IU3BPW		6,324 5,876 5,694 5,670 3,913 3,900 3,441	54 47 51 56 (OF 43 39 53	23 39 21 31 30 48 21 33 P: IK6IHU) 17 26 19 33 14 23	LN3C LA7AK LA7SI LA3MHA LA6YIA LAØGE LA7NFA	A " 28 21 14	1,202,380 326,215 60,375 21,804 12,208 179,820 35,190	2206 9 (OP: L 1008 5 296 3 129 3 101 1 887 2 233 2	5       300         B8DC)       1         1       214         7       124         3       59         7       39         8       83         2       68	*CT1FOQ Z61DX *Z68EE	T4 Repi A A	26,864 ublic of Ko 108,018 980,514 Romania	141 sovo 428 1693 (C	23 69 42 111 84 282 0P: OZ2I)	*OM2DT *OM2DT *OM7AG *OM4DU *OM7SR *OM3TBG *OM4AY *OM7AT	" " "	337,365 332,655 247,860 143,208 94,500 89,964 52,650 21,090	589 473 886 442 388 346 246 146	99         258           93         242           52         191           61         173           47         163           37         116           37         98           29         82	*SM6TOL *SM5KQS *SMØNEJ *SG3O *SM2CVH *SM6VWG *SM6CWP	" 28 14 "	3,182 2,440 480 <b>675</b> <b>10,857</b> 2,376 54	66 12 2 28 18 2 16 9 1 17 9 1 (OP: SM3AGC 90 17 6 64 6 2 3 3	15 12 16 0) 07 3
*IW5CWC *IZ4GRP *I2XYI *IZ8CLM *IZ3GGR *I7CSB *IK3MLF *I5CDF *IW20GY		3,182 2,300 2,160 2,130 1,360 1,134 984 378 225	45 38 44 25 18 20 20 16 20	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	LA5HE *LA2HFA *LA1XFA *LA6DW *LB2WD *LA6GX *LA6PB *LA3RK *LOPX	7 A " 3.5	37,260 331,868 148,720 62,336 56,672 18,204 1,140 10,740 20,124	170         2           721         7           435         5           314         3           275         4           186         2           30         1           175         381	8         80           5         251           5         153           4         94           3         111           9         82           1         19           9         51           8         44	YR8D YO8SBQ YO2LDU YR8I YO3APJ *YR2X	A " 28 1.8 A	6,494,840 499,681 16,269 127,568 27,880 986,870	5906 (OP: 1058 147 547 (OP: 340 1211 (OP:	144 436 YO8TTT) 85 238 20 67 30 89 YO8BIG) 13 55 108 307 YO2LEA)	*OMØMM *OM5MX *OM3CDN *OM5TX *OM2AGN *OM3ZWA *OM8AQ *OM5NA *OM5NA	28 1 21 14 14	8,904 31,195 16,065 65,508 3,476 172,500 48,934 37,926 4,662	70 157 147 399 41 859 350 236	21         32           26         59           18         45           26         77           13         31           30         95           20         66           18         68           7         35	*SM7ATL *SM6CNN HB9AFZ HB9CQL HB9FBG *HB9ARF *HB9ARF	7 1.8 A 14 A "	3,663 51,675 Switzerland 35,937 15,960 340 988,160 506,141	79 7 3 657 14 6 149 36 6 94 30 4 10 7 1 1602 90 29 808 79 24	10 51 53 10 10 96
*IR4P *IR4Q *IK5AMB *IK8IOO *IZ5FDD *IW2ENA	" 28 " " 21	88 39,425 13,862 6,256 4,095 1,404	6 (OP <b>206</b> (OP: 97 69 53 <b>23</b>	5 6 2: IZ4FTG) 29 54 1U4MRU) 19 39 18 28 17 28 17 28 12 15	SP5AUC SP2FAP SP6A SP9ENV SQ9DXN	A "	Poland 990,462 583,324 366,786 305,226 272,181	(OP: LA) <b>1741 8</b> 1139 8 702 9 612 6 475 8	<b>5 264</b> 2 250 3 276 9 210 0 193	*YO4CAH *YO7SR *YO7ARZ *YO8/LZ4L *YO5DAS *YO4AAC *YO8BDW *YO2BLX	" " "	612,306 523,875 440,504 406,252 273,600 230,786 191,874 170,430	1056 862 797 938 571 551 643 485	93 298 94 287 77 251 72 236 74 214 66 191 44 182 55 175	*OM5NL S52C S5ØR S53X	1.8 A 21 3.5	57,304 Slovenia 695,763 210,528 629,788 252,700	932 664 (OF 1770 1779	<ul> <li>7 33</li> <li>13 63</li> <li>95 258</li> <li>49 155</li> <li>2: S52F)</li> <li>36 122</li> <li>21 79</li> </ul>	*HB9HQX *HB9FMJ *HB9BGF *HB9DDZ *HB9TWU *HB9MIR *HB9HEI *HB9GKM	"" " " " " " " " " " " " " " " " " " "	125,028 76,459 11,703 11,340 11,286 8,103 3,240 870	495         41         16           307         38         11           103         21         6           57         38         4           96         37         6           90         21         5           41         15         2           23         11         1	i6 9 23 32 25 9
*IK4MIF *IV3ZNK *IW2MXY *IV3EAD *IK2AOO *I3LGP *IZ2LTW *IZ3ZBP *IK8YEII	14 " 7 "	140,049 16,555 14,280 118,762 27,602 27,375 9,504 6,000 4,387	666 148 158 518 264 214 98 72 102	31         86           16         61           17         53           28         91           18         56           14         61           16         50           14         34           7         34	SQ3WW SN6A SP5ICS SQ3HTX SN8V SP1JQJ SP7HQA	   	194,425 189,306 123,624 91,598 73,260 70,125	493 7 617 6 (OP: SP 363 4 394 3 280 5 (OP: SP8 285 3 02 4	1 204 4 170 6CES) 6 158 7 132 0 115 8HPW) 2 93 0 54	*YO6HSU *YO8RFS *YO4SI *YO5YM *YO4RIW *YO6DMR *YO6DMR *YO80LY *YO80LY		127,908 125,600 85,358 62,010 48,444 38,961 33,900 11,220 10,611	347 425 283 269 273 212 196 84 85	57 141 48 152 52 130 40 119 29 103 32 85 25 88 29 56 20 61	<b>S52F</b> *S57NAW *S52WD *S52ZD *S57T *S58RU *S57WW *S57WW *S53DT	1.8 A "	<b>7,849</b> <b>692,918</b> 317,476 152,660 140,304 91,575 34,417 19,910	<b>167</b> <b>935</b> 599 667 395 396 197 77	8         39           94         304           67         211           43         127           56         166           57         168           29         98           50         60	*HB9CEY *HB9AFH *HB9DDE *HB9DRF *HB9HFM *HB9CPS	28 21 7 3.5	19,832 1,647 32,208 9,231 828 33,924 Ukraine 2 079 126	120 22 4 22 12 1 224 17 4 127 12 3 36 5 1 436 11 5	15 19 19 18 55
*IU2JFG *IN3EMI *IK2ULV *IW5ECP *IQ7YU *I1MMN *II1R	" 3.5 " 1.8	2,457 1,100 <b>34,386</b> 5,700 1,215 <b>2,656</b> 378	58 54 <b>482</b> 100 45 <b>94</b> 39 (OP:	6 33 4 21 <b>9 57</b> 8 42 6 21 <b>4 28</b> 4 17 IW1CBG)	SP7IFM SP9ATE SP5Z SP7IIT SP9JBE SP9EML SO7M	" 28 21 14	22,092 10,058 1,840 <b>70,495</b> 3,696 <b>31,284</b> <b>204,400</b>	157 23 103 13 58 271 3 45 14 145 3 814 3 (OP: SF	5 59 3 81 9 31 0 85 6 32 2 67 3 107 P7JLH)	*YO9IUP *YO7MPI *YO2OXD *YO4FZX *YO5OAC *YO2IS *YO3ND *YO4TL	" 28 21 "	7,125 1,840 675 <b>37,890</b> 2,523 <b>65,250</b> 44,710 494	83 48 15 <b>246</b> 43 <b>379</b> 252 16	25 50 9 37 10 15 24 66 12 17 23 64 26 59 6 7	*S51SL *S5ØA *S52EZ *S52GO *S52FT *S5ØQ *S57X	21 14 7 3.5	16,335 375,804 1,890 102,934 36,849 10,746 35,280 Spain	158 1145 35 570 418 83 447	29         92           34         112           8         22           27         80           14         57           16         38           14         58	UT5ECZ UT6EE UR7R UY5OO UT3QZ UZ1U	" " 14 7	1,306,706 256,608 101,673 18,300 <b>25,585</b> <b>30,266</b>	1243 115 38 444 78 21 633 28 8 (OP: UX1R) 75 40 6 201 23 6 284 18 5 (OP: US7UL	17 19 19 19 19 19 19 19 19 19 19 19 19 19
MJØX *GJ2A	A 14	Jersey 1,556,964 93,104 Kaliningrad	2671 (OF 757 (OP:	83 283 P: MØRTI) 21 67 MJØASP)	SQ8LUU SP7MU SP9TPZ *SP1AEN *SP2GMA *SP2GCE *SP2GCE *SP5GDY	7 1.8 A "	<b>75,690</b> 2,080 <b>3,762</b> <b>1,294,425</b> 563,521 434,496 279,206 206,190	<b>576 2</b> 45 <b>97</b> <b>1522 10</b> 1069 7 1110 7 688 6 352 8	1         69         23         6         32         9         386         9         282         1         221         4         210         3         207         1 <th1< th=""> <th1< th=""> <th1< th=""> <th< td=""><td>*YO4BEW *YO4AJ *YO5BTZ *YO9CWY *YO9GR *YO9HG *YO4MM</td><td>14 " "</td><td><b>49,984</b> 33,516 31,320 28,640 20,502 19,206 1,586 702 288</td><td><b>402</b> 312 253 252 234 247 52 22 18</td><td>20         68           19         65           24         66           16         64           14         53           14         52           6         20           9         17           4         12</td><td>EB7A EA3OH EA7R EA1ND EA2DDE EA5EL EA4FL EA3X</td><td>A " 28 21 14</td><td>6,719,692 434,156 334,917 78,120 2,214 203,676 79,180 319,662</td><td>6432 1 798 1065 330 28 733 432 1542</td><td>30         402           74         237           38         115           36         54           11         16           33         99           27         80           30         88</td><td>•UT7EZ *UT3SO *US7UK *UW3WF *UW1WU *UT5UJ</td><td>3.5 A "</td><td><b>447,468</b> 333,324 230,476 212,268 206,184 192,832 169 092</td><td>1         1           (OP: UT7U           1076         68         22           907         61         22           471         72         24           466         70         19           629         57         18           529         65         19           333         66         18</td><td>1 <b>D</b> 1 <b>D</b> 1 12 12 12 12 12 12 12 12 12 12</td></th<></th1<></th1<></th1<>	*YO4BEW *YO4AJ *YO5BTZ *YO9CWY *YO9GR *YO9HG *YO4MM	14 " "	<b>49,984</b> 33,516 31,320 28,640 20,502 19,206 1,586 702 288	<b>402</b> 312 253 252 234 247 52 22 18	20         68           19         65           24         66           16         64           14         53           14         52           6         20           9         17           4         12	EB7A EA3OH EA7R EA1ND EA2DDE EA5EL EA4FL EA3X	A " 28 21 14	6,719,692 434,156 334,917 78,120 2,214 203,676 79,180 319,662	6432 1 798 1065 330 28 733 432 1542	30         402           74         237           38         115           36         54           11         16           33         99           27         80           30         88	•UT7EZ *UT3SO *US7UK *UW3WF *UW1WU *UT5UJ	3.5 A "	<b>447,468</b> 333,324 230,476 212,268 206,184 192,832 169 092	1         1           (OP: UT7U           1076         68         22           907         61         22           471         72         24           466         70         19           629         57         18           529         65         19           333         66         18	1 <b>D</b> 1 <b>D</b> 1 12 12 12 12 12 12 12 12 12 12
*RA2FO YL2VW YL3JD YL7A *YL3FW *YL3GQ	Â A 3.5 A "	33,536 Latvia 1,747,122 94,605 77,995 255,201 164,203 108 186	202 202 509 658 808 577	133         94           126         381           38         121           20         75           53         204           49         172           53         166	*SP7FCX *SQ7LQJ *SP7JDI *SP6BEN *SP9IHP *SP8CGU *SP8IOV *SP8IOV *SP3LGF *SP2JFY	      	120,620 113,344 98,384 98,090 94,464 88,596 68,370 49,840 47,476	442 5 391 4 352 4 217 6 262 5 346 4 391 3 247 3 255 4	6 129 7 137 8 124 7 103 3 70 0 98 4 95 8 102 6 120	*YO8THR *YO8NTD *YO3DT *YO3JW *YO2NWW *YO3JOS *YO6MT *YO7NSP	" 7 " " 3.5	56 15 <b>86,016</b> 57,240 31,262 16,380 2,673 <b>5,408</b>	5 3 <b>644</b> 420 270 169 53 <b>124</b>	3       5         2       3 <b>20 76</b> 25       81         19       58         13       52         8       25         8       44	*EA3FZI *EA4KD *EA4HKF *EA7/G4B *EA5JJN *EA5JJN *EA5ITT *EA4IL *EA1NP *EA1JO	A " " "	1,322,799 1,166,241 596,755 407,235 286,632 232,842 188,680 185,180 179,280	1750 1 1547 1056 1141 862 726 507 452 429	06         331           90         291           82         273           50         205           49         167           53         204           55         157           59         176           59         181	*US5WBJ *UT5NR *UR7VA *UX2HB *UT6UH *US7IA *UXØLL *UR5EJ *UT7MR		146,780 118,950 112,634 77,350 67,466 65,860 39,325 26,631 18,643	510 46 15 509 41 14 412 43 15 330 41 13 403 36 12 282 40 13 154 44 7 121 39 6 151 21 8	i9 i2 i6 i4 28 7 i0 20 32
*YL5W *YL2QV *YL2LW *YL2PP	21 " 1.8 28	136,206 33,768 22,330 1,890 Lithuania 107,316	604 (OF 139 195 49 413	31 95 31 95 20 50 6 29 31 101	*SP7BCA *SQ5CZP *SQ9JYK *SP3BES *HF95PRH *SP1DMD *SQ3YOT/	" " " ~ "	43,071 41,952 41,860 36,176 33,660 31,482 28,405	196 4 186 3 173 3 137 4 266 1 (OP: SP 143 3 275 1	4 103 0 62 9 91 1 71 6 69 P6OJE) 7 69 8 77	*T77CX ISØJXO ISØ/ OM2TW	14 A 3.5	San Marino 70,464 Sardinia 284,115 429,282 75 600	503 925 2177 (OP:0	16 48 54 181 29 97 0K8WW)	*EA3DA *ED3Z *EA3KE *EA5DO *EA2PA *EA4FIT *EA3PP *EA7IZ *EA3BBI		140,833 119,970 99,540 99,450 85,260 83,961 83,125 76,544 76,028	427 465 381 305 359 293 311 321 304	54 163 32 97 40 118 50 145 33 83 48 123 38 95 40 144 43 123	*UR4LIN *UT3WX *UT8EU *UR8IF *UT7UT <b>*UT2UB</b> *UT4WA <b>*UY5QJ</b>	"" "" 28 " 14	18,375 12,948 9,200 3,713 280 <b>55,822</b> 12,932 <b>54,600</b> 24,600	183       24       8         98       22       5         56       31       4         31       20       2         8       6 <b>239 28 8</b> 95       22       3 <b>249 27 7</b>	11 16 19 27 8 5 9 77
LY1N LY1M *LY2SQ *LY5I *LX2KD *LX1TSF	14 7 21 L A	12,261 66,516 884 77,272 uxembour 37,338 4,959	106 448 30 364 '9 192 73	17       50         22       70         7       19         27       77         32       95         15       42	*SP9KJU *SP7JOA *SP5TM *SP9ICU *SP5BYC *SP3SLU *SP3AMO	   	26,215 26,091 15,700 15,150 14,784 13,083 11,397	(OP: SC 127 4 (OP: SP 135 3 129 2 132 1 93 2 120 2 101 2	2 65 9MDY) 9 78 9 71 9 56 4 40 9 60 4 63	*ISØILP *ISØANT GM5X GM2V	2 7 A "	<b>576</b> <b>12,870</b> <b>Scotland</b> <b>5,227,544</b> 2,501,488	<b>4809</b> (OP: 2807 (OP: G	8 10 10 45 142 412 GM4YXI) 119 369 M3WOJ)	*EA4Z *EA5D *EA3BOW *EA4W *EA5DD *EA1JCE *EA3WX *EA1RN	" " " "	75,145 63,840 58,400 54,272 46,716 44,758 39,300 29,696	298 243 287 324 235 240 190 204	41         92           37         59           47         113           27         79           33         69           31         108           47         103           32         84	*UY7RR GW4MM GW4J MWØIDX	3.5 A 28 7	9,592 Wales 86,488 117,110 7,650	228 6 3 273 44 10 (OP: GW4VXE 497 26 7 (OP: GWØETF 114 10 3	08 08 E 12 F 35
PAØCT PA5FN PA1X PA4B PA3CJP PAØJNH PA2CHM	A " "	letherland 970,992 337,820 98,475 76,496 75,682 71,001 51,152	<b>5</b> <b>1587</b> 806 301 271 407 243 251	94         302           66         200           57         138           40         72           40         118           41         106           37         102	*SP2QCW *SO7NA *SP9WTN *SP9Z *SQ9DEO *SP2GVN *SP2JJD *SO5C	" " " " "	6,960 6,365 3,984 3,444 2,691 2,365 1,134 1,054	50 20 79 20 61 19 43 14 44 14 50 14 49 19 25 13	6 34 0 47 5 33 4 14 4 25 4 29 9 44 3 21	MM3T GM3NHQ GM3X *GM3X *GM3W *GM0TKB *GM0TKB	21 1.8 A "	1,262,250 8,640 24,318 141,493 122,430 6,726 58 167	2385 94 341 (OP: 0 483 (OP: 0 453 86 585	84 290 14 40 12 51 GM3POI) 52 157 GM3JKS) 42 123 14 43 17 52	*EF3R *EA5CP *EA7KOL *EA4JM *EA5JA *EA40A *EA7BWA *E65007		23,165 20,592 16,688 11,340 10,437 3,750 3,657 1,222	153 (OP: E. 146 102 92 103 46 45 22	34 79 A3EYO) 27 45 36 76 26 58 19 52 20 30 20 33	*GW4HBK *GW4TSG VK6N	A 28 ( A	73,048 2,670 OCEANIA Australia 5,555,174	281 44 14 37 13 1 4053 133 35 (OP: N5ZC	58 58 58
PA4VHF PAØMIR *PA3ARM *PA2W *PA7KY *PA3DBS *PA3MET *PAØRBA	28 7 A "	<b>240,543</b> <b>22,308</b> <b>547,316</b> 270,500 194,098 140,614 95,200 74,358 61722	759 206 1162 705 577 721 425 280	36         115           19         59           67         241           54         196           45         169           39         128           48         152           47         115           30         02	*SP3FSM *SP2BRZ *SQ7M *SP3LWP *SP2FWC *SP9R *SP2FOV *SP5EPP	" 28 21 "	798 480 345 <b>65,076</b> 120 <b>62,865</b> 45,864 43,431	20 12 25 251 3 6 281 2 (OP: SP 225 2 246 2	9 12 9 11 7 16 1 85 5 5 6 73 99BRP) 6 65 8 65	*GM3ZDH YT3D YT7X YT6T	14 A "	<b>27,840</b> <b>Serbia</b> <b>3,085,780</b> 1,317,504 625,974	<b>OP: M</b> <b>319</b> <b>2543</b> 2032 (OP 1197	<b>MØJOM)</b> <b>12 48</b> <b>147 410</b> 103 281 YU7CF) 77 246 VU7CF)	*EA7JTT *EA3NO *EC7R *EA7VJ *EA4EJR *EA3DMN *EE5X	" 28 " " 14 7	943 182,000 152,488 18,156 1,560 1,920 66,066	29 673 875 93 29 44 482 (OP:	7 16 31 94 25 73 25 64 12 18 8 22 15 63 EA5KO)	VK6T VL2A VL2G VJ3A VL2B		4,459,950 3,341,952 1,637,766 1,117,540 571,824	3277 126 35 (OP: VK6LW 3066 119 26 1666 109 24 (OP: VK2GF 1421 87 19 583 117 24 (OP: VK2B, (OP: VK2B, 424 82 15	i1 v) i5 l2 n) i7 l4 J) i
*PA4DN *PA3ADU *PAØTCA *PAØTCA *PAØRDY *PA3GUO *PA3CXB *PA3EEG		61,732 61,306 59,660 59,598 47,586 45,552 41,808 40,905 40,299	250 219 222 422 167 191 207 195	30         92           41         110           39         118           41         88           22         81           47         109           36         98           37         98           39         94	*SP5CJQ *SP8AR *SP7CVW *SP3FPF *SP2FVN *SP6DHH *SP4LO		41,764 24,485 20,060 19,126 16,188 14,746 9,996	179 2 120 2 (OP: SQ 106 2 120 2 96 2 137 2 131 1	8 78 3 60 8BGR) 5 60 3 50 2 54 1 52 5 36	YT5R YUØT YU7EE YT7B *YT6M *YU5T *YU1GU	" 28 " 14 A "	69,008 397,578 310,365 322,344 771,930 477,085 97,555	(OP: 372 1363 (OP: 1130 1470 1168 1167 310	YU7CM) 22 130 34 104 YU1WS) 33 102 32 89 99 306 70 231 45 134	*EA2BNU *EA1DD *EA3DNC *EA4BW *EA5PL *EA1FBU *EA4IE	" " 3.5 1.8	39,121 16,002 3,325 2,625 55 <b>192</b> <b>14,310</b>	392 146 60 50 7 <b>12</b> <b>280</b>	14 57 14 49 8 27 9 26 4 7 <b>4 12</b> <b>8 45</b>	VK4JU VK6AP VK4AFU VL2N VK5T		212,272 219,780 82,060 60,800 58,315 51,304	424 62 13 (OP: VK3T2 683 58 10 170 71 14 (OP: VK6APH 199 58 9 214 41 6 (OP: VK2PN 206 43 6	ら <u>こ)</u> 719く) 48N) 33
*PA5GU *PA1FP *PD7JVW *PAØPIW *PA7RW *PD7RF *PD6Z *PD7CJT *PA3DVA		33,276 32,868 24,750 17,072 12,464 12,375 10,836 10,582 8,910	162 235 125 124 122 83 100 105 110	33         61           27         56           41         84           27         70           20         56           39         60           18         45           21         53           16         39	*SP2GTJ *SP9GNM *SP6NIK *SQ9FQY *SOØA *SP6DMI *SP2EPV *SP5SZE	" " 14 "	8,190 <i>3,180</i> 2,436 <b>57,812</b> 7,950 6,149 5,375 1,276 240	90 11 70 1. 45 10 <b>387 2</b> 112 12 101 5 95 10 70 1	6 29 2 18 0 18 5 72 2 41 8 35 0 33 1 33 4 12	*YU1JF *YU7D <b>*YT9W</b> *YU4MVP <b>*YU1ML</b> *YU4BAH *YU1RM	" 21 " 14 7	69,432 14,706 <b>330,625</b> 4,508 <b>2,376</b> <b>5,490</b> 5,320 <b>Sicily</b>	249 162 <b>1240</b> 62 <b>54</b> <b>108</b> 114	42 90 17 69 <b>32 93</b> 18 31 <b>10 26</b> <b>9 36</b> 9 31	SM2CEW SD6M SD1A SM5Q SA5CDO SM5AOG	<b>A</b> " "	Sweden 906,888 430,531 343,068 338,846 241,832 87,318 50,274	<b>1595</b> 1076 (OP: S/ 837 1066 475 308 <i>258</i>	<b>79 269</b> 64 199 A6BGR) 74 202 51 190 95 249 48 150 <i>28 105</i>	VK7GN VL3Q VK2PW VK6RZ VK7BO VL6T VK3IO VL4K	" 28 7	37,800 21,021 9,306 7,345 1,829 <b>59,429</b> 82,164 2,106	259 31 2 96 36 5 78 26 4 41 30 3 26 14 1 341 18 4 (OP: VK6V2 384 23 5 29 13 1	95057 957 95057 950 957 950 950 950 950 950 950 950 950 950 950
*PAØKBN *PD1B *PI4FL *PA3GEO *PA3EPO *PA3JB *PAØKGB *PA3GCH *PEAI	"" " " " 28 7	8,296 8,050 7,668 4,664 4,331 1,848 1,426 612	118 47 92 52 87 117 25 <b>14</b>	13       55         31       39         22       49         18       35         14       47         23       65         14       17         8       9         6       22	*SP9GMI *SP9BCH *SP9OUV *SP3JUN *SP2BRI *SP3MEP *SP9ODM *SP6CO *SP6LUV	7 " 3.5 " 1.8	<b>57,031</b> 31,126 29,058 <b>62,694</b> 28,084 22,860 256 <b>3,410</b> 11	288         2           322         1           221         11           657         1           445         11           429         20           20         117           7         7	7         80           7         62           9         68           4         72           0         49           9         51           4         12           4         27           4         7	*IT9MRM *IT9AJP *IT9CKA *IT9VJO *IT9NVA *IT9VCE	A " 28 SIC	216,505 154,780 29,640 29,312 176 7,320	481 364 158 119 9 68 Olic	62 153 60 158 30 84 49 79 7 9 19 42	SM6EAN SM6CMU *SM5CSS *SM7CIL *SM5ACQ *SM5DXR *SM5LW *SEØB	7 3.5 A "	<b>34,880</b> <b>31,850</b> <b>660,376</b> 286,824 259,055 233,681 130,200 77,448	243 201 1124 578 791 856 396 405 (OP: S)	<b>20 60</b> <b>19 72</b> <b>87 301</b> 57 171 58 205 54 197 49 168 32 136 AØBXVV	*VK5X *VK6HG *VK8NSB *VJ3U *VK5LJ *VK5LJ	A " "	<b>191,148</b> 78,736 65,175 52,578 30,199	(OP: VK4BA/ 403 64 14 (OP: VK5XD) 209 55 9 362 23 5 196 49 7 (OP: VK3IL 116 33 6 66 25 2	<b>A)0(C)</b> 3,278 J)84
<b>Z35Y</b> Z32ID <b>Z35U</b>	, Nor A 7	th Macedo 82,500 1,980 139,136	55 825	<b>26 74</b> 10 10 <b>30 98</b>	CR6K CT7AIX	A 28	Portugal 12,835,488 39,093	9553 16 (OP: C 201 2	1 520 T1ILT) 3 60	OM3CPF OM8AA OM6AL OM3CFR	"	627,990 416,527 382,543 247,380	(OP: 1236 1137 1233 699	OM7RU) 82 264 69 202 53 206 50 178	*SJ7M *SM7FDO *SM2OTU *SF6W	"	71,604 63,210 57,934 40,040	314 387 271 345 (OP: SN	40 122 23 106 40 126 24 80 M6EWB)	*VJ4O *VK5WU *VK2PAA *VK2BM *VK4DRK	" " "	8,037 3,675 1,617 280 198	66 18 2 51 21 2 35 13 2 15 10 1 7 4	29 28 20 10 7

*VL6K	14	1,480	35 11 26 (OP: VK6WX)	PP5AX	Brazil A 507,864	1093 57 111	N1KM NR1X	"	625,968 610,894	604 9 775 6	93 285 56 215	AI2N " NJ2DX "	9,120 5,980	42 38 42 45 25 40	W3MAM N3RM	"	5,429 4,888	50 23 38 49 13 34
V85BH	Brun	ei Darussa	alam 3031 133 317	PY2EU PY2MC	" 9,313 28 273,234 " 98 249	69 31 36 1042 26 67	NJ1T	"	447,560 389,232 337,960	515 7 490 7 434 7	75 259 79 227 70 210	WB2LBQ "	5,280 3,248 1 320	34 27 33 36 26 32 20 15 18	W3MF N4ZR	28A	2,940 <b>222,080</b> 16,214	27 15 27 598 27 101 89 22 45
*V85T	A	342	(OP: JO1RUR) 10 9 9	PY5AKW PV8DX	" 72,600 " 8,365	364 21 54 89 10 25	WA2BOT K1BZ	"	311,657 305,732	348 9 335 9	91 258 94 264	KV2K 28/	478,950	1145 29 121 (OP: K2NG)	W3NO K3MM	3.5A "	<b>132,374</b> 80,928	<b>397 28 93</b> 315 17 79
	E	ast Malays	ia	PY2KJ PY3LX	21 592,644 " 9,686	<b>1315 34 122</b> 86 19 39	WA3OFR K1QX	и и и	258,412 255,750	310 8 310 8	33         225           33         227	N2OO " W2AW 21/	113,088 253,614	326 25 99 691 29 100	*NY3A *W3KB	<b>AA</b> "	<b>4,856,628</b> 2,286,526	<b>2666 138 508</b> 1398 126 457
9M6NA *9M6W	A	5,679,882	3824 149 373 (OP: JE1JKL) 271 37 70	PY3TD PY9MP	14 33,189 7 8,788 A 269,390	196 25 44 8 85 15 37 8 656 47 109	N1MGO KB1NO	"	252,175 188,136 154 294	340 8 352 5 284 5	54 162 59 147	AA2EQ 14/ WC2I 7A	8,424	(OP: N2GM) 80 8 28 130 15 60	*NJ3K *NB37	66 66	1,549,776 1,265,850 1,188,048	1070 102 333 1005 103 321
*9M6RT\	/ "	952	(OP: 9M6ZAE) 27 12 16	*PY4ARS *PY2LPM	" 165,851 " 97,173	332 71 132 221 63 120	W1JR N1KWF	"	127,759 118,664	204 8 292 4	36 165 48 115	*WB2AA AA *N2CU "	<b>1,055,669</b> 909,221	887 103 340 858 86 293	*W3RGA *AC5XK	"	926,772 670,026	882 90 284 791 76 242
	21	Guam	1010 07 60	*PY2MIA *PP8ZAC	" 91,008 " 89,440	243 61 97 274 45 85	K1VR W5HVV	"	88,924 75,463	173 5 140 6	51 137 56 127	*NC1A " *K3MTT "	547,680 438,048	615 78 248 513 68 244 578 52 202	*NU3A *AG3I	"	628,430 516,516	756 73 246 626 76 232 624 67 216
WHZJA	21	244,334	(OP: JR3RIU)	*PY2BOA *PY5CV	" 49,600 " 39.303	205 51 77 278 24 56 170 38 61	KE1VT WA1ZYX	"	64,148 45,136	162 5 147 2	50 108 27 85	*K2AL " *W2GDJ "	418,200 418,068 416,636	497 73 243 410 102 272	*WB8YYY *N2MA	·	454,310 414,854	470 85 277 455 84 262
WH7T	A	Hawaii 1,733,420	2285 109 151	*PP5TG *PY1NP	" 34,980 " 29,601	159 32 78 114 34 65	AB1XB KK1W	"	23,520 14,062	106 2	26 58 27 62	*W2AAB " *N1NQD "	411,384 305,916	537 74 207 362 85 233	*WM3O *WB3FAE	"	278,205 208,500	411 61 194 326 71 179
АН6Т <b>КН7М</b>	" 28	3,600 <b>433,596</b>	59 24 26 1667 33 59	*PY2IEY *PY2AXH *PP588	" 18,080 " 17,765 " 11,850	109 27 53 114 36 49 97 30 45	WJ1R K2KA	"	13,552 11,725 9,282	65 2 49 3	27 50 21 46 37 41	*KC2WUF " *W2VM "	284,850 253,764	408 73 209 385 63 207 396 60 168	*KB3NSK *K3MAW	"	120,726 100.093	282 53 141 277 44 127 236 52 129
KH7U	"	276,199	(OP: KH6ZM) 1275 29 48	*PY2VCP *ZV2F	" 10,230 " 9,984	68 29 37 79 31 47	NF1A W1MU	"	6,048 4,300	41 2 34 2	21 35 20 23	*N2UU " *WA2QAU "	211,890 203,604	357 54 156 327 62 166	*W3KN *AC3RA	66 66	98,430 93,264	214 46 124 203 47 127
KH7Q	21	859,856 (OP: N	2524 37 85 NGTJ @KH6YY)	*PY3AU	" 9,860 " 4,050	(OP: PY2SFA) 77 24 34	N1PGA NC1CC	28A 21A "	75 290,440	5 770 2	2 3 29 108	*WW2P " *K2DFC "	199,906 195,146	326 56 162 284 72 191 222 57 162	*W3WHK *K3QF	66 66	92,022 58,598	253 40 107 140 50 116
1410000	20	Indonesia	023 24 01	*PY1CH *PR7KSA	4,050 1,833 1,260	52         23         29           27         17         22           32         12         16	KA1IS WK10	<b>7A</b> "	<b>757,044</b> 399,355	<b>1806 3</b> 1103 3	<b>35 118</b> 30 107	*NE2V " *KS2G "	156,674 100,880	273 59 158 199 58 150	*KB3RC	"	26,145	97 29 76 (OP: K3JWI)
YB2MM YB3BLJ	A 21	258,430 51,543	429 63 152 221 22 61	*PY2OM <b>*PR1T</b>	"40 <b>28 295,390</b>	14 9 11 1069 26 83	W1FQ *KS1J	ÅÅ	47,640 <b>3,393,390</b>	199 2 2122 12	29 91 21 444	*W2MSA " *KM2O "	72,864 71,118	172 49 127 157 41 121	*AJ3M *K4IEY	"	19,899 15,652	90 33 66 102 24 67
YB7KE YB1ROX	14	3,744 3,872 8,364	49 18 30 48 10 22 60 18 33	*PY1OX	" 11,137 " 10,648	(OP: PY1ZV) 142 12 25	*N1EN *W01N	"	1,946,819 1,540,962	1475 10	04 365 23 408	*KA2IRQ " *W2DXF "	69,384 62,152 52,096	182 39 97 149 49 99	*W3TAS *N3HBO	"	13,440 13,132 11 730	79 21 49 77 23 44 62 20 49
*YB1AYC *YC3GE	<b>A</b> 0 "	<b>499,956</b> 105,042	<b>876 78 166</b> 317 43 80	*PP2AR *PP7LP	" 6,006 " 5,280	85 18 21 81 11 19	*KA1YQC *K1MD	и и	976,472 615,825	935 8 650 8	35 291 31 264	*KI2D " *AE2TT "	26,106 20,384	86 33 81 119 30 61	*WD3H *AB3KP	66 66	4,900 2,752	42 19 30 36 13 19
*YB8RW *YB1IUQ	"	73,576 61,045	416 31 37 186 53 92	*PY1NSC *PU3VON	" 3,330 " 943	87 14 31 31 10 13	*N1DID *N1API	"	554,910 534,336	598 8 533 8	33       266         30       283         34       267	*WA2CHV " *AA2TH "	15,030 9,782	65 35 55 53 22 45	*N8HM *K3STX	28A	522 9,536	12 7 11 53 15 49
*YB1KK *YCØRN	" C/1 "	51,336 43,268	150 30 85 154 42 82 224 42 74	*PY3DCV	" 190 21 78.213	9 5 5 323 22 71	*K1DW *KG1V	"	440,545 372,391	519 6 464 7	54 207 56 241 79 228	*KD2SGM " *KB2URI "	5,922 3,321	59 15 32 32 14 27	*N3TTT *W1FIF	7A	1,000 <b>35,520</b>	17 6 14 170 18 62
*YB1MIG *YB9GDI	- " - "	38,220 27,720	128 39 66 158 40 48	*PR7GY *PY4DX	" 63,963 " 54,202	376         17         52           485         15         26	*NA2AA *W2TT	"	323,544 264,880	340 8 339 8	35 281 30 228	*N2WPT " *N4KHZ "	1,560 690	20 14 16 17 10 13			District 4	
*YB9AO	s "	20,296 11,200 10,530	90 28 58 79 21 43 69 20 34	*PY2ARY *ZZ4WTT	" 18,722 " 8,470	2 169 15 31 87 11 24	*W1NSK	"	159,997 157,024 148 599	295 4 306 6 267 F	49 144 51 163 51 158	*N2BEG 21/	8,100 8,100	97 21 51 58 17 37 196 16 62	N2YO N1LN	<b>AA</b> "	<b>6,471,840</b> 4,980,800	<b>3460 149 546</b> 2534 155 549
*YC1CAF *YF7UF1	Α" "	5,928 5,796	42 25 32 55 21 25	*ZZ7ZZ	" 7,616	(OP: P04(MMZ) 5 100 9 23 (OP: PR7AR)	*NM1J *K1XS	"	93,492 85,170	224 3 202 4	34 125 45 125	*NR1K 3.5/	A 90	7 4 6	K4AB KØZR	"	4,572,450 4,334,850 3,656,790	2492 152 523 2687 128 457 2160 143 472
*YC1CB *YDØBC	(" G"	4,158 3,080	46 23 31 38 18 22	*PU2TNT *PY2NY	" 7,579 <b>14 403,902</b>	63 14 39 1275 32 82	*N1SEP *W1DAD	и и и	64,357 40,334	188 3 129 5	34 105 50 84	K3WW AA	District 3 8,659,726	4407 152 557	K4PI WO4O	"	3,356,342 3,301,621	1809 158 513 1882 142 487
*YF3AW2 *YD3BW	N Z" K"	2,774 2,450 1,820	28 19 19 38 14 21 32 14 21	PY3XX	7 13,980 Chile	0 112 16 44	*AA1NK *W1VKE	"	29,318 22,752	128 3	28 75 32 75 24 55	N3RS " W8FJ "	6,928,620 6,698,250	3296 161 579 3172 162 588	W4RM N4UU	"	3,231,351 3,041,745	1928 137 494 2370 107 384 1622 122 471
*YD1RE# *YCØSP	А" С"	1,568 1,435	25 15 17 38 20 21	*CE6VMO *CE4WT	A 28,684 7 2,272	267 41 60 40 12 20	*WV1M *KM1D	"	17,360 16,110	75 2 76 2	21 59 27 63	WY3A " W3MA "	4,780,359 4,449,858	2692 137 502 2348 154 553	N6AR N4BP	"	2,688,160 2,658,936	1546 146 488 1764 121 411
*YB8SB *YB3BO/ *YB7SKI	A 28	192 <b>17,240</b> 1,352	10 5 7 173 17 23 32 11 15	*HK3ZD	Colombia	a 56 12 17	*AA1SU *KK1L *K1LHO	"	9,685 8,580 8,540	64 2 61 1 125 4	25 40 16 39 16 94	NA3M " N3AD "	3,995,358 3,985,072	2440 128 478 2440 135 463	N2NL K2SG	"	2,589,253 2,538,179	1369 149 534 1902 120 377
*YC7UDI *YB1HDI	2 " 7 "	1,320	37 10 14 7 3 3		Ecuador		*KX1X *KW1DX	"	7,686 2,016	49 1 23 1	19 42 13 23	K3MD " K3WJV "	3,590,370 3,579,238 3,506,554	2033 134 496 2117 133 478 2042 142 472	K3EK K3IE NU4E	"	2,457,594 2,381,013 2,301.825	1390 140 501 1587 128 421 1287 149 504
*YC9FAF *YB1LUE *7C3C	1 21 : "	<b>175,539</b> 66,215 32,339	<b>683 28 63</b> 256 24 71 215 23 50	*HC5AI	<b>A 4,572,040</b> " 37,808	214 26 42	*W1M/ *N1DG *K1IG	28A 14A	558 138,861 33,250	14 351 2 131 2	999 29110 2273	KU2C " K3ZA "	2,955,996 2,942,496	1731 139 489 1951 114 430 1755 125 470	K9OM K2SX	66 66	2,163,348 2,101,680	1332 134 460 1402 128 432 1622 100 226
*YB3BGI	И"	26,134	(OP: YG3AKE) 134 20 53	OA4SS	Peru A 1,428,350	2028 79 166	* <b>K9JY</b> *K1IM	7A "	<b>55,120</b> 44,270	<b>227</b> 2 208 2	<b>24 82</b> 24 71	NW3Y " K3SW "	2,925,020 2,857,842 2,656,420	1680 139 482 1583 133 468	AA5JF N4IQ	66 66	1,776,015 1,412,808	1033 109 336 1193 123 426 1029 115 401
*YB1LZ *YB8CM *YC2MP	Г" = "	23,937 880 28	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	*0A40	28 913,790 21 207.466	(OP: EA7TN) 818 25 73			District 2			NF3R " W3FIZ "	2,645,380 2,475,966	1776 131 449 1549 130 457	K2WK W3IP	"	1,402,632 1,386,685	1059 109 374 838 133 466
*YE4IJ *YB9GV	<b>14</b> "	<b>32,224</b> 2,548	<b>156 22 54</b> 37 9 17		Surinamo	9	N2SR	<b>AA</b> "	<b>6,593,694</b> 5,889,646 5,865,255	3348 14 3097 15 2989 15	<b>13 551</b> 50 529 50 547	W3FV "	2,457,255 2,414,262 2,190,188	1669 123 412 2036 90 332 1371 125 447	KX4TT KG4W	"	1,370,432 1,325,212 1,291,314	1130 103 345 941 132 400 947 118 380
*YB7MP *YD9UW	7	264 <b>10,032</b>	10 5 6 <b>75 20 37</b>	PZ5MA	A 15,244	75 25 49 (OP: RN5M)	N2BA N2NT	"	3,901,266 3,791,642	2141 14 2318 12	40 517 27 466	NT2DR " WA3AAN "	2,105,796 1,880,282	1602 109 364 1449 110 372	K8AC N4ZZ	"	1,150,261 1,125,930	847 123 388 1011 90 300
*YBØOH	G 1.8	0	4 3 4 <b>1 1 1</b>	*9Z4A	Frinidad & To 21 12,150	bago 106 12 33	AB2E	"	2,591,862	(OP: ) 1545 13	WW2Y) 34 477	K3CY " N3NR "	1,794,188 1,556,880	1410 119 365 1112 120 379 1109 103 359	K4WMS NN4NN	"	<i>1,087,176</i> 1,081,350	696 133 449 811 118 368
FK8IK	Ne A	w Caledor 2,284,535	nia 2319 125 240	*CV1CAN		100 33 54	KA2K	"	2,286,270	(OP: KC 1445 12	2GOW) 26 444	N3FJP " AA3R "	1,515,036 1,413,669	1063 123 380 1040 125 398	K1GU N8KH	"	1,042,002 1,000,153	858 99 339 919 104 315
ZL2RX	N A	ew Zealan 86.268	d 236 52 106	*CX2AQ	28 439,161	1397 26 83	WØAAE K4RUM	"	2,272,125 2,040,619	2151 8	39     286       06     363       19     419	K3TN " K3CCR "	1,407,435 1,226,470	999 121 384 901 111 379	NN4X N4KH W4RG	66 66	969,178 951,356	686 136 382 834 106 321
ZL2AIM <b>ZL2AGY</b>		1,300 <b>34,935</b>	21 13 13 <b>240 22 29</b>	*YV6BXN	Venezuel A 351,864	a 625 58 158	KF2O WA2OAX	"	1,836,900	1027 14	47 503 24 396	KB3Z " K3ZU "	1,162,608 1,103,705	1004 93 331 754 120 415	N3MN K5JR	66 66	860,928 820,393	691 115 341 649 131 372
ZL1BBW *ZL1IF	14 A	31,737 19,050	156 24 47 101 31 44	*YV5IUA	28 17,391 21 480	(OP: YV1DIG) 17 10 14	N2NI N2HMM	"	1,562,724 1,363,767	1149 11 997 11	15 383 14 385	N3ZA " WC3N "	986,206 969,012	796 112 345 878 89 307	W3TB WV4P	"	732,360 708,696	688 103 305 469 133 446
VK9DX	N 7	orfolk Islan 1,005,471	id 2529 35 106		ASSISTE	Đ	K2RET W2MV	"	1,334,403 1,289,113	909 11 1049 9	14 417 99 328	WAJAER W3JX " K3PP "	920,564 911,232 872,850	691 113 391 629 118 388	WA4JUK N1RM	"	689,850 684,450	702 88 284 712 96 269 611 89 316
TREPR	۵	Palau	1959 102 197	N	ORTH AME United Stat	ERICA tes	WT2J N2JJ	"	1,043,442 1,021,984	1072 6	63 276 04 332	KD3TB " K3ATO "	815,424 807,747	720 94 317 871 100 283	WE5P WS6X	"	663,750 646,016	750 95 280 608 100 292
1001 D		Philippines	1000 102 107	K5ZD	District 1 AA 11,150,100	4995 166 614	W2LCQ W2RD	"	969,748 967,550	812 11 683 12	14 328 25 398	N3RJ " W3OU "	725,382 715,652	779 74 268 612 103 324	N3CW KC4D	"	574,820 562,419	526 101 309 687 66 233
DU1EV 4E1AGW	28 21	70,290 44,154	380 24 47 269 23 43	K1ZZ K1AR	<ul> <li>8,631,612</li> <li>6,214,725</li> <li>5,401,222</li> </ul>	2 3819 164 617 3044 154 575 2024 126 402	AG2J WR2G	"	852,240 731,538	778 9	96 306 93 321	K3RL " K3FMQ "	670,194 663,421	529 115 371 552 104 347	K3WT K2TE	"	543,600 537,610	691 74 228 536 85 285
4F2KWT *DX8H	1.8 A	2,926 596,878	56 8 11 850 82 169	W1GD AA1ON	<ul> <li>5,401,223</li> <li>5,313,231</li> <li>4,535,720</li> </ul>	2657 151 546 2420 147 521	WB2WPM W2NTN WB2NFI	"	636,633 615,225 613 824	742 7 686 7 666 9	76 247 75 250 92 276	W3UL "	647,454 598,688 514 225	643 93 273 616 87 266 587 76 259	N4RV NS4X	"	537,480 522,518 461 580	534 98 262 703 66 208 535 90 224
*4E1A	"	229,140	498 66 105 (OP: DU1KG)	K1ESE KB1W	" 3,751,220 " 2,406,720	2047 140 509 1782 104 376	WO2T K2EP	"	586,929 576,084	630 9 548 8	95 304 39 277	NG3J " NX3Z "	512,798 496,278	659 56 230 515 87 262	N4PD KE4KY	"	440,700 402,675	409 89 301 518 61 212
*DV1ZB>	(28	77,894	501 19 39	W1IC W1FJ K1TZO	<ul> <li>2,366,385</li> <li>2,319,852</li> <li>2,156,076</li> </ul>	1292 144 507 1436 128 454 1695 97 371	KM2L K2TER	"	542,030 499,786	575 8 449 10	30         255           01         305           78         245	WW3S " W3RE "	433,405 413,042	377 112 315 463 94 232	N4NA	"	390,486	498 85 217 (OP: NB4M)
3D2AG/F		38,544	216 31 35	WX1S KA1IOR	<ul><li>2,084,530</li><li>1,872,022</li></ul>	1094 150 529 1184 119 443	N1JP WB2NVR	"	388,800 365,700	462 7 501 6	70 245 71 249 64 201	AK3B " NN3RP "	370,575 301,040	476 77 228 442 59 206	W2XYZ N2TU	66 66	342,891 335,885	447         73         223           494         76         203           367         85         256
5W1SA	21	Samoa 537,824	1978 32 66	AJ1AJ W1RM	<ul> <li>1,568,320</li> <li>1,529,275</li> <li>1,506,646</li> </ul>	1194 106 358 1370 90 325 867 139 480	AB2ZY K2QB	"	316,512 290,924	478 6	58 184 58 199	W3YR " KC3NNO "	300,498 285,842	356 79 235 447 63 199	AB4PP K8KI	"	327,600 323,308	466 89 223 452 67 195 462 72 195
	sou		RICA	W1NG W1TJL	" 1,462,600 " 1,390,465	938 129 439 1140 125 440	N2KHH N2SO	"	257,040 218,277	421 5	57 181 72 165	NY3C " N3ZP "	259,120 231,660	307 86 230 408 57 163	N4CWZ W3US	"	287,718 286,356	463 61 176 361 90 204
LW1F	28	934,362	2747 30 91	AK1MD	<ul> <li>1,300,605</li> <li>1,291,090</li> <li>1,179,642</li> </ul>	0 1075 111 354 0 1063 123 347 0 998 93 328	K2QPN NU2Q	" "	211,754 159,111	321 6 292 5	56 173 57 156	W3EA " K3QIA "	223,258 213,816	323 62 197 341 63 173	W8KRZ AA4DD	"	262,728 252,810	368 65 202 345 87 178
LU2D	"	394,130	1250 28 82 (OP: LU2DX)	W1UK W1ARY	" 1,066,896 " 1,062,048	702 125 433 924 88 328	WK2H N2MM	"	137,215 146,949 143,910	252 6 296 4 252 F	43 140 55 179	NT3U " N8WXQ "	204,730 191,316 181,332	207 09 226 244 74 224 328 57 150	K4XL N4FP	"	244,019 242,296 237,568	352 61 187 346 83 173
LT5A LU6UO	" 21	7,802 <b>73,194</b>	80 16 31 411 17 49	W1EQ N1IBM	" 1,028,565 " 1,017,401	917 93 308 722 106 405	N2ADC N2CG	"	<i>137,268</i> 128,928	<i>294</i> 226	5 <i>1 135</i> 50 144	KC3M " WX3B "	140,936 139,308	234 68 155 234 71 157	KEØL W3OA	"	229,834 222,600	264 109 232 300 66 199
LU7DW *LU5YF	7 A	1,372 367,854	<b>29 13 15</b> <b>619 73 149</b> 467 50 110	W1ZT	1,009,888 1,003,200 988,582	<ul> <li>δ// 103 315</li> <li>754 112 368</li> <li>789 110 262</li> </ul>	KE1IH WB2PJH	"	119,739 96,849	259 4 230 3	45 122 38 115	WK2G " W3SQ "	124,236 103,408	292 32 121 205 48 136	W4ZXT	"	222,040 207,794	338 70 190 363 54 160
*LU5HCE *LU7GFF	3 " 1 "	160,248 4.806	508 42 90 46 24 30	K1SM	<ul><li>940,000</li></ul>	(OP: W1AN) 943 92 284	WA2UBK WO2Y	"	o∠,841 81,483 76,960	182 4 221 9	45 128 36 112	K3CWF " K3FH "	95,956 95,770 86,592	223 47 114 232 29 128 192 45 119	W4CU AA4GA	"	185,900 183,200	258 87 199 289 67 162
*LU2AXF *LW8EC	Α"	1,625 770	39 12 13 17 11 11	K1RV W1NK	" 907,300 " 892,525	770 97 333 666 108 367	WA3AFS KD2A	"	71,318 64,092	138 7 157 4	74 137 40 107	N2IW " K3WGR "	65,205 59,566	142 56 105 179 43 115	W4GHV W4SSF	"	173,978 172,660	289 74 164 327 47 147
*L5ØDY	<b>28</b>	185,031	781 24 65 (OP: LW3DG) 759 15 44	K1EO WK1J	677,346 " 852,390 " 835 142	764 98 312 862 86 288	KF2TI KE2D W2P4	и и и	61,778 56,938 51 207	152 4 135 3 174 -	48 110 36 130	W3NRJ " K3RMB " KG5TA "	57,279 46,343 36,449	173 51 132 150 38 83 130 51 92	AF4T WØLL	"	164,797 143,264	284 63 160 293 41 135
*LU4HK *LU1II	 21	116,886 <b>13,328</b>	637 20 46 88 20 36	W3SM AE1T	" 776,745 " 769,270	664 98 323 650 99 331	NM2O WA2MCR	"	49,842 40,698	138 4 132 3	45 97 34 85	K2EJ " K3NM "	28,994 27,120	101 24 85 86 40 80	W4VIC AB4SF	"	138,150 132,756	246 66 159 348 37 111
*LW8DRI *LU1WI <b>*LU9OZ/</b>	∪"" × 14	7,335 1,596 <b>2,380</b>	80 18 27 34 10 11 <b>41 15 20</b>	W8HAP W1HNZ NE1B	695,001 " 653,744 " 653,200	622         93         318           688         88         276           539         108         352	K2BX WO2X K2YR	" "	40,040 31,527 10,205	123 4 115 3 54 2	48 82 37 76 25 40	K3OQ " K3FT " KZ3W "	11,628 11,297 9,536	60 22 46 173 40 103 60 26 38	N4TL KM4HI KK4R	66 66	125,396 122,931 118,413	251 56 132 189 79 182 200 79 144

KG3V " AC2AC " N6DW " K3ZGA " N4OI " N4DE "	104,574 217 100,672 219 96,408 179 88,722 213 77,810 184 74,340 198	49 125 45 131 71 135 48 111 44 111 64 116	KM5G KT5C W5GN K5TU N5EE K5NZ		1,977,448 1,412,073 1,250,074 1,221,204 1,176,630 1,089,900	1439 125 381 1246 115 332 1183 104 302 1023 114 333 1013 117 314 791 134 391	W6TMD N6VOH K6MI N6VH K6XV AJ6TI	и и и и	30,226 26,487 25,991 25,740 22,568 12,474	114       44       75         129       51       58         127       29       50         107       42       48         92       41       50         81       34       43	*KI7VEM *NA6JD *KD7LEE *KK7A *W2XX *NW7E	28,213 25,916 23,766 15,552 12,665	197 43 148 56 189 47 83 31 68 37 64 24	46 68 55 41 48 42	W9DGI N7MB KØPG K9EL AG9S WB97	" " 28A 21A	16,610 9,452 7,480 3,036 <b>59,202</b> 571 704	70 46 64 53 26 42 59 36 52 24 23 23 227 23 76 1248 34 130
K4OV " W4PF " N3PV " AE4ED "	74,298 151 74,261 174 66,882 157 63,080 138	55 128 47 110 67 146 48 118	K5KLA K5UV WØVX N5XZ	66 66 66	1,038,510 849,960 746,102 734,022	765 115 380 871 102 258 703 103 286 705 103 291	W6EO KB6CA WD6T N6PM	" "	11,685 4,284 3,870 1,540	127 42 53 51 22 29 39 17 28 21 13 15	*KT7G *KB7HDX *W4IDX *K5HDU	10,877 8,385 7,350 6,084	58 31 48 25 53 21 65 21	42 40 28 18	N9CO K9LA <b>W9PA</b> N9AU	" 7A "	438,353 33,669 <b>340,650</b> 149,467	1036 31 120 107 29 100 <b>811 34 116</b> 430 32 105
NU4Y " W6UB " K4EES " KT4O "	59,532 135 48,230 136 43,065 143 34,542 120 34,138 118	48       116         32       98         50       85         38       76         28       73	W9DCT AC4CA W5TM K5TIA	66 66 66	723,976 654,282 632,502 446,823	745 99 259 643 109 309 740 92 234 554 129 330 517 100 251	KOFO KD6X NK6A N6RA	20A 21A "	<b>78,330</b> 53,406 8,550	<b>268 28 77</b> 228 28 58 154 3 16 (OP: N6LRA)	*WA7YXY *K7NXL *WB7QMR *KJ7MEB	5,977 5,635 5,187 2,278 812	51 19 48 24 38 22 26 12 19 15	24 25 35 22 13	N9LR KM9M K9GS N9AW	" 3.5A 1.8A	45,217 1,664 <b>225,375</b> <b>3,040</b>	314     31     97       210     27     76       24     10     16       670     28     97       39     12     28
AD4IE " N4LZ " NØSMX " WB3D "	30,926 120 28,611 108 22,230 86 21,450 81	20         74           36         63           21         69           39         71	WBØTEV K1JD K5LJ W2GS	"	371,090 325,414 290,377 281,775	330 116 314 432 93 196 329 89 234 403 78 177	*KW6AA *AA2IL *NC6RJ *AA6XA	<b>AA</b> "	<b>210,663</b> 162,996 86,424 42,003	<b>337 90 173</b> 305 74 130 207 64 92 148 49 68	*N2WLG 28 *WV7S 21 *WØBF *N7ESU 14	<b>BA 6,808</b> <b>A 21,574</b> 11,375 <b>IA 5,311</b>	66 17 128 23 78 21 54 18	29 44 44 29	*KG9X *WE9R *K9PW *KYØQ	<b>AA</b> "	<b>1,949,480</b> 1,794,654 626,133 351,036	1389         136         384           1233         129         408           677         89         250           433         74         220
W4/4Z5LA K4MWB " KT4Q " K4KZ " W4NPX "	20,806 81 17,784 80 13,572 69 9,724 62	18     55       35     66       23     55       31     47       24     44	K5TS K5DU K5MXG K5LY	"	235,635 245,178 243,076 238,272 196,602	442         62         153           299         89         229           345         83         185           300         91         201           354         61         156	*W6RQ *KN6IPE *KA5WS5 *KI6OY	" 5"	37,570 37,070 26,280 <i>24,424</i> 23,184	113 46 84 126 41 69 163 45 45 <i>108 40 46</i> 130 37 35	WA3C A	District 8 <b>District 8</b> <b>A</b> 3,392,356 5 3,129,950	<b>1862 141</b> 1993 138	<b>511</b>	*W9KM *N9XX *WT9Q *N5BP	"	290,985 262,454 259,116 224,058	367         90         256           391         88         197           346         76         205           347         83         203           381         56         158
KB4FB " ND4G " K4AEN " N4ES "	8,946 49 8,875 49 8,051 66 2,304 22	25 46 26 45 26 57 16 20	N5JJ K5FP K7IA W2IY	"	192,241 187,078 184,704 175,310	371         70         133           398         45         133           316         70         152           284         82         153	*NU6T *AB6BR *N6NO *WU6X	" "	23,140 21,670 20,094 9,656	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	K1LT N4RA WA8Y N8TR	<ul> <li>2,100,054</li> <li>2,055,674</li> <li>1,602,717</li> <li>1,186,911</li> </ul>	1157 149 1266 133 1259 120 704 144	528 454 367 487	*KD9CLH *WA9LEY *K9QC *W9JA	" "	200,725 190,530 158,400 152,274	328         52         165           338         63         156           266         64         156           276         73         173
KS4X " N3ND " K5KG 28A K4WI " NE8P "	1,960 20 1,702 25 <b>218,694 631</b> 204,378 568 148,953 427	7 16 7 10 27 100 28 110 27 96	AF5J W5LE K5DB N5WNG	"	163,542 157,296 141,680 132,088 130,806	335         58         136           257         73         159           254         71         149           373         44         108           209         80         154	*KX6A *K6ST *AE6PL *KN6Y *K6EI	"	9,088 8,533 2,480 460 352	57 36 35 73 25 28 28 20 20 36 22 24 8 8 8	KIBDY NW8U K8MM KI8R NO8C	617,312 6 549,185 6 543,744	981 94 749 100 604 106 556 91 607 90	305 332 276 264 264	*KC9YL *N9SB *K9CPO	"	117,810 107,040 81,450 66,504 57,420	210 63 147 192 82 141 212 48 102 178 40 96 152 48 97
W4DD " K4NMR " NN4K " <b>KE4S 21A</b>	92,628 262 59,150 237 567 14 <b>150,930 422</b>	29 95 24 67 9 12 27 103	K5MV WD5DBV K5JTH K5WA	  	113,032 109,178 103,284 99,900	215 58 141 309 40 118 183 84 144 242 56 124	*K5CAO <b>*K6AAM</b> *W6JPL	28A "	24 29,388 540	2 2 2 194 21 41 39 14 16 (OP: K6ICS)	W8MK KB8KMH W3HKK N4EL	496,059 447,120 368,562 287,595	543 76 475 97 480 89 411 63	251 263 229 186	*K7CS *WB9TFF *KC9IL *KD9OIN	" "	48,000 34,680 30,495 27,423	143         42         86           132         47         89           103         32         75           108         35         64
NN3W 14A K4MQM " KE4KDY " AD8J 7A	<b>10,800 56</b> 1,400 20 756 16 <b>69,984 271</b>	24 57 21 54 9 19 5 13 20 76	K5NA K5KJ AI5EG WF3H/5 KA5M	"	98,468 72,668 69,345 67,039 53,482	180         77         129           193         59         89           143         66         135           174         49         108           138         36         107	<b>N7XU</b> K7QA	<b>AA</b> "	District 7 1,632,848	<b>1214 141 347</b> (OP: K4XU) 1280 131 309	KA8G NR8Z WB8AKW K8TS N4LSJ	282,569 273,831 273,304 232,408 221,343	414 59 360 79 373 75 376 85 306 73	200 212 194 193 194	*KZ9V *KX9RT *WO9U *W9LW *AA9RK	"	20,064 11,934 8,880 8,120 7,280	92 38 58 54 30 48 50 29 45 51 19 39 53 23 33
W3CL " W4PK 3.5A K2KW 1.8A *N4XL AA	0 1 27,335 144 11,387 136 1,504,956 1120 1	1 1 16 55 15 44 21 377	K6ZB NØVRP WA5LXS K5AX	" " "	52,220 49,911 44,525 44,523	162         49         91           140         39         92           129         52         85           121         60         93           120         47         94	AA7V K6LL K7WP WS7L	" "	1,420,848 1,326,312 1,212,332 1,103,946	978 138 390 1020 127 341 976 131 336 995 128 283	W8EH N8BE N9RC WA8LRW	177,723 114,912 111,690 107,198	302 66 254 53 193 69 232 59	151 118 150 123	*KF9VV *KJ9X *N9VPV *N8HWV	"	7,257 6,678 5,358 4,914	53 22 37 47 16 37 41 16 31 37 22 32
*WN4AFP " *KY4ID " *K4FT " *AAØO "	796,860 820 710,973 670 1 696,764 682 695,640 671	94 286 00 301 92 281 92 280	N5UI K5CI KG5VK N5KAE	  	40,479 27,440 14,525 10,934 9,664	179         47         64           128         37         61           68         34         49           59         24         47           62         19         45	W6OAT W7ZR KN7K K7ZQ	" "	1,077,678 1,036,816 1,027,540 1,018,654 1,014,307	815 139 334 955 125 290 1057 116 261 1169 104 225	WB2RPW ' WA8KAN ' W8AJS '	100,620 95,375 94,454	(OP: K8 256 60 220 58 244 40	3PGJ) 200 117 126	*K9EI *K9DRS *NQ9A <b>*W9ILY</b>	" " 28A	1,848 1,696 836 <b>63,852</b>	25 23 24 25 14 19 21 15 17 15 10 12 227 26 76
*N4PSE " *KW4YA " *KY4GS " *K2MK "	656,036 592 1 622,909 694 573,016 654 550,800 667 433,411 472	05 304 92 279 83 245 77 223 83 258	NA5M N5NEN KJ5Y W5GAI	" "	9,263 5,015 2,272 1,274	60 23 36 43 24 35 24 10 22 23 9 17 95 18 45	KC7V KØSN W7CXX W7GES	" "	818,958 745,059 627,120 598,092 572,232	860 109 248 780 98 259 705 112 248 580 117 277 729 125 297	K8JQ NR5N N8HO KD8SAV	f 70,375 59,580 55,719 50,715 47,854	209 35 153 66 145 40 140 39	90 114 111 108 97	*W9XT *K9MCK	21A 7A	256,452 2,414 District Ø 2 610 387	635 30 112 30 10 24
*WB4IT " *K3ZV " *WA4PGM " *N3HEE "	402,210 450 346,290 491 260,184 336 259,549 347	73 254 59 196 80 213 69 208	WA5YOM K3KEK NI2M W5SJ	14A 7A	<b>39,144</b> 3,420 <b>60,495</b> 59,511	188         21         63           54         16         29           226         28         83           305         22         61	W7VO K7UT N3AIU	"	510,447 456,015 422,184	(OP: KH6ND) 591 108 219 575 88 213 556 99 195	W8JWN K8ESQ W8PI AA5TA	36,312 30,736 27,104 16,104	104 41 98 33 86 43 65 35	95 80 78 53	KØEU KØAP KTØA KØIR	"	2,424,936 1,598,919 1,483,959 1,428,742	1686         143         386           1128         133         378           1213         124         337           1139         128         350
*WA2LMC " *N4NTO " *W4EE " *W5VS " *K5VG "	250,635 424 235,770 341 232,960 337 211,296 321 193,492 298	64 181 72 199 79 177 65 183 62 182	W5JMW K5UR *WB5N *W5TMT *K5MB	3.5A 1.8A AA	7,008 12,749 273,776 207,558 123,414	90         13         35           98         16         45           423         89         195           406         76         158           233         66         135	KI7Y K7GS N7IP NW7M N7BVD	" "	417,219 377,917 377,085 348,064 330,820	563 100 169 445 95 212 434 108 237 420 97 201 548 90 148	KF8MZ KD8VMM W8AV 28 KO8Z 21 WZ8P	2,232 546 3A 135,346 A 45,978 31,122	28 14 13 8 415 27 173 24 109 27	22 13 91 73 87	ABØRX WAØMHJ NØKV WØBV KEØUI	" "	1,296,256 1,206,864 1,165,248 890,332 839,790	976 117 377 844 144 378 1100 123 285 764 118 294 882 115 272
*NG2J " *W4TM " *W4RKU " *KG4IGC "	186,960 345 179,157 261 175,032 274 171,696 293	58 147 84 183 79 185 66 153	*N5IF *WA5LFD *AG5AY *KØYA	" " "	113,050 109,440 107,115 86,000	250 52 118 271 66 126 238 55 130 196 60 112	KT7E KN7Y K7RF	"	323,169 276,150 244,662	494 73 158 (OP: NK7U) 420 99 164 383 82 160	K8CX 14 W8BI 7/	IA 854,712 A 30,690 A 651,058	1912 36 130 21 (OP: KB8 687 96	126 69 UEY) 271	NXØI K9DU K2VV KØYR	и и и	751,036 687,216 <i>660,325</i> 618,813	722 116 288 626 108 304 768 83 222 668 114 255
*K4GM " *W2BJN " *W4CMG " *KT3T "	161,928 348 147,498 298 145,524 276 143,678 293 134,784 230	41 132 54 132 59 142 67 132 71 145	*WBØRUF *NU5DE *W5LA *KC6ZBE	1 " "	74,688 60,630 59,296 33,375	152 61 131 178 43 86 (OP: N5KF) 163 37 99 102 44 81	K7HP K7LFY K7GA WU9B NQ7R	"	244,110 218,685 198,640 186,633 181,745	393 86 151 377 78 161 439 89 171 312 79 154 293 72 151	*KE3K *KE8PX *KC8R *W8AN *N8VV	501,160 337,272 238,420 220,119 150,516	566 107 455 77 341 68 352 73 248 58	233 205 192 166 164	KØAD NG7A NØBUI KØCN KØVBU	"	594,638 545,110 533,687 490,533 484,696	635 101 257 618 101 260 616 86 233 538 93 246 543 99 245
*N4QI " *N4WO " *KE4Q " *NC2Y "	111,723 252 108,928 228 108,780 226 102,830 303 102,672 188	46 121 54 130 54 142 55 127 62 145	*W7JKC *N5JGE *AF5CC *N5DIT *K5KX	"	25,172 14,863 13,440 8,880 6 248	88 42 82 75 37 52 63 34 46 87 44 76 83 29 42	N6MZ WA7CPA WØVQ K6VHF	" "	179,760 161,838 160,962 159,430 130,476	308 66 148 270 84 159 333 75 118 295 73 141 300 64 102	*W8ASA * *W8TOM * *W8PU * *N8LR *	6 89,694 78,489 77,525 75,658 72,432	173 60 193 46 205 51 167 60 212 64	138 107 124 121 80	WØZA W7II NØTA WØBM	"	481,193 439,227 426,979 406,644 396,000	493         107         282           503         91         242           523         97         240           452         83         246           431         102         250
*KS4S " *K4DR " *NG2O " *N2YF "	98,952 226 89,739 202 71,336 171 68,400 172	56         130           49         120           37         111           46         106	*W5ZA *K5JM *KD5YS <b>*N5JR</b>	" " 21A	527 486 10 <b>148,626</b>	11 8 9 10 9 9 5 5 5 <b>397 30 108</b>	W2VJN K7VIT WR7T K7EG	  	125,976 94,752 93,024 89,380	262         67         107           245         62         79           234         63         108           214         52         112	*W8IQ *AB8OU *AK2U *K8GT	68,838 663,520 645,540 637,638	170 53 159 60 128 44 118 49	101 100 88 74	KØPC KØPC KBØEO KIØF	"	385,682 367,715 355,500 352,974	454 113 260 476 89 204 366 120 255 491 70 197
*NE5W " *WD4FMG " *KR4AE " *N4DPM " *KC4LZN "	64,824 159 62,640 142 51,183 144 47,925 133 47,813 133	41 107 60 120 49 92 38 97 52 85	*NS5S N6RV	7A AA	405 District 6 2,382,120 1 396 766	<b>11 6 9</b> <b>1799 140 369</b> 1196 126 287	W7BP WØNF WA7DUH K9PY K6KB	" "	83,620 63,992 60,214 57,000 55,328	268 68 117 166 55 97 165 62 99 160 65 87 155 47 86	*W8EWH ' *K8WWS ' *KD8EDC ' *WB8ASI ' *KB8ZYE '	28,768 21,770 11,622 7,728 6,302	97 46 106 17 60 26 59 31 62 13	78 53 52 38 33	WBØN KMØO NØKK NØAT WØPSY	66 66 66 66	345,488 315,504 313,320 279,538 278,988	418         92         210           474         70         182           418         80         200           355         87         200           382         86         182
*NA4C " *WS4C " *NJ4Q " *N3GTG "	44,840 138 40,880 104 40,590 152 37,120 143	55 97 42 104 29 81 33 83	N6ZFO K6KM	"	1,363,230 1,293,414 1,026,928	1349 122 252 1087 128 310 OP: @W6SRR) 1041 110 261	WB6JJJ AC7DC W7VXS KI6QDH	"	51,554 44,635 38,064 36,461	192         62         87           154         46         67           121         47         75           136         30         71	*N8OH *W5DT *N8HRZ *KG8CW	4,558 3,182 1,176 594	36 24 35 10 19 10 13 10	29 27 14 12	WØPR WØUY NØKQ NØRN	"	273,312 248,920 240,570 233,766	409         86         202           387         78         176           357         89         181           354         76         167
*K4RFK " *W4RIN " *WD4OHD " *K8PO "	35,778 102 35,280 113 30,576 112 28,674 97 26,460 102	45         89           39         81           24         74           42         76           30         68	K6MMM W6YI N6CW	"	796,704 700,574 642,200 527,787	905 97 247 830 94 213 (OP: KE1B) 491 144 350 565 104 243	K7BTW N6BT KR7D N7DSX KØIP	"	36,449 35,217 30,294 26,924 14,994	112 41 86 103 50 79 113 40 59 137 49 57 70 45 57	<b>K9NW A</b> K9IMM <sup>4</sup> N9TTK <sup>4</sup>	<b>District 9</b> 4,555,265 3,217,254 2,770,979	<b>2300 164</b> 1907 144 1846 138	<b>551</b> 462 413	KØGD KØHB W7RF K1KD	"	221,364 207,888 191,394 189,224 182,646	401 57 141 378 77 136 277 94 185 327 70 147 311 69 150
* <i>K4LW</i> " *NT4W " *KN4ZXG " *K4EAK "	25,440 97 24,860 87 23,760 118 22,880 94 17,538 97	<i>31 65</i> 31 79 34 65 37 67 21 53	N6XI NT6V N6US	"	434,396 417,060 404,231	597 85 177 505 104 211 634 100 163 (OP: KH7Y) 480 110 210	N6RC W7CO K7ACZ KR7X		8,280 6,426 5,376 4,410 3,870	49 26 43 52 29 25 37 22 34 39 20 22 33 18 27	KK9V N2BJ NF9V K9YY	<ul> <li>2,296,220</li> <li>1,784,064</li> <li>1,694,420</li> <li>1,496,052</li> <li>1,405,404</li> </ul>	1500 140 1224 131 1155 139 1065 127 1030 127	440 421 393 395 380	KØTRL KØMD N7IV WØAD		149,640 147,828 144,320 131,937	262 60 155 277 59 135 277 71 149 235 76 145 206 58 138
*KA4GFY " *N8RW " *W4SDX " *KB4DE "	15,390 67 15,364 75 14,884 97 13,224 64	21         53           33         62           36         56           49         73           25         51	WEGZ WA6KHK K6RIM WC6H N6JV	 	345,774 335,818 297,840 229,179	480         110         210           489         97         189           438         92         197           383         93         199           340         74         163	AB7YQ N6SS KK7L AA7A	28A 21A	3,655 252,453 6,550 490,889	30 20 23 763 32 97 49 19 31 1134 33 128	K9WO N9CK WI9WI W9MR	1,403,404 1,252,080 1,207,360 1,069,984 821,792	961 124 884 121 863 114 713 107	346 369 350 314	KØARY KØTG WØGAS ADØRW	" "	98,975 88,872 77,328 76,950	208         51         134           193         60         124           175         63         116           189         45         105
*K2AOE " *NA4MM " *K4WK " *KM5AT " *W8WZ "	12,876 61 8,520 46 8,446 67 7,749 54 6,215 51	23 51 30 41 34 48 21 42 15 40	N6IE N6TQ K6RC AF6DR WA7G	" "	210,105 193,004 170,568 170,544 162,628	317 92 169 305 94 150 353 69 115 315 75 134 325 82 136	N7AT N7DD W7RN	"	459,669 427,040 383,396	1083 34 125 (OP: K8IA) 1027 35 122 1022 34 112 (OP: K5RC)	Al9T AC9S KW9E WT9U K9NO	615,833 691,352 664,309 612,130 647,250	686 107 703 97 670 99 568 100 496 102	342 259 292 310 248	KØDS NFØN NOØL ADØAB	"	75,504 54,210 37,290 29,184	196 44 112 (OP: KJ5Y) 151 42 88 141 37 76 124 42 72
*KO4AWC " *K4RSA " *NG4L " *AD4YQ "	4,816 39 3,698 36 3,150 28 2,967 33	11 32 14 29 17 25 17 26	K5OA K6MM	"	154,424 143,902 115,236	303 74 120 (OP: W6SX) 298 82 129 227 67 127	K7SS N7TU K7PI KA6BIM	14A "	231,750 <b>116,348</b> 56,854 26,574	724 33 92 <b>381 31 87</b> 170 32 99 112 30 56	KA9FOX K9MMS W9YK KØTQ	274,518 269,988 248,496 244,065	351 98 351 90 375 70 382 71	204 208 178 194	WØGXA WØPMO K5ZG KØTLG		27,192 23,449 22,968 10,062	110 36 52 80 62 69 100 43 56 61 30 48
*KO4OL " *K4VBM " *WJØJ " *N4AAJ "	2,340 23 1,591 21 1,584 19 546 14 252 7	13         23           16         21           15         18           13         13           5         7	W6IA K6EFA K6AR NE6I	  	99,648 93,060 90,449 71,142	240         60         109           192         69         123           251         45         96           211         52         99           196         53         89	K7NJ N7KU N7WA	<b>7A</b> "	<b>423,500</b> 261,513 146,520	<b>1029 35 119</b> 690 34 113 (OP: NJ6D) 491 29 81	WB8BZK KB9S WN9O N9GUN	223,728 211,932 199,448 190,954 190,422	310 76 333 69 236 106 326 59	185 164 201 154	K3PA KFØIQ WØMI	28A " 21A 7A	2,752 27,962 26,950 6,962 3,344	32         16         25           124         26         56           91         26         84           43         18         41           44         12         26
*N3UA 28A *AA4LS " *WA1FCN 21A *W1ZZ 14A *A4AND 7A	101,673 303 62,062 258 178,553 500 64,414 213 112 980 400	27       90         20       71         28       103         25       82         23       92	W6GRV W6KC W6SC KG6AO	  	64,224 58,088 57,564 57,156 54 000	179 62 82 160 41 96 174 49 74 166 57 75 141 65 95	W6XI W7RH *K7TQ *K6WSC *W70M	1.8A AA "	966 740 670,628 586,560 315 904	<b>45 9 12</b> 21 8 12 <b>844 101 200</b> 525 123 293 494 98 159	W9MS KU9S WB9VGO W9KXQ KB8BV	143,262 135,606 110,544 99,800	301 56 244 68 243 51 261 64	133 165 117 136 119	*KØRC *AD1C *ACØW *KØKY	<b>AA</b> "	<b>1,025,999</b> 798,174 759,708 635 704	(OP: ACØE) 814 126 341 786 105 274 691 116 307 685 100 247
*K30RC " *NS4T " *NN4RB " *N4ELC "	19,604 126 15,246 94 6,040 54 1,247 25	12         46           18         45           11         29           10         19	K6NV K6RWM K6GFJ WD6DBM	**	50,337 39,603 37,856 36,449	166         47         72           135         55         74           151         36         55           125         52         75	*WAØWW *WN6W *KK7RR *NU7F	/W " "	271,440 183,106 150,243 131,192	398         94         166           331         77         126           325         68         115           259         69         115	AB9CD WB9TFF W9FFA WS9W	67,332 64,568 64,417 643,066	145 69 138 54 178 42 134 36	117 98 91 86	*AEØDX *KØXF *AAØAW *AI6O	"	443,368 408,576 386,872 334,080	503         100         247           511         105         248           525         98         206           522         91         205           479         87         203
*N4IJ 3.5A *K7LU " N5RZ AA	54,238 225 5,125 45 District 5 4,442,592 2441 1	<b>19 75</b> 7 34 <b>59 513</b>	KF6I WI6X N6WT AF6SA N6QQ	66 66 66	35,867 35,650 35,190 33,439 32,242	17040491255065121396310240791223860	*WZ8T *W7KK *N7MU *K7HV *N7UJJ	" " "	69,224 53,067 43,428 34,424 30,225	190         53         83           151         54         79           141         61         80           135         33         71           118         38         55	W9OA/9 KC9EOQ AA9L W9NZ KC9EE	42,560 40,950 38,060 36,830 535,417	117 53 146 45 138 33 111 42 124 38	87 81 77 85 69	*WØUC *NØHR *NNØG *AAØAI *KØIL	66 66 66 66	213,640 180,960 151,755 142,317 121,690	3188219831375157293651362247317822571144

*AKØM " 104,594 191 73 144 *KØMPH " 84,108 191 61 111 *KEØEK " 80,772 201 62 97 *AFØE " 71,400 176 55 115 *K9OR " 62,700 143 55 110 *WØYJT " 53,400 165 53 97	*VE7ZX " 81,000 345 52 56 *VA7OO " 65,807 403 37 42 *VA7RY " 64,660 210 54 68 *VE7TK 28A 6,345 57 17 28 *VE7BC 7A 868 28 7 7	*TA7I         AA         2,423,494         2262         85         309           *TA4RC         "         105,495         232         71         124           *TA4CS         "         15,450         92         21         54           *TA2DA         21A         250,070         1047         22         63           *TA2LJ         14A         60,480         353         14         50           *YM4KU         "         264         10         3         8	Japan           District 1           JE1LFX         AA         3,382,236         2167         162         432           JE1NVD         *         1,720,895         1492         142         325           JL1CNY         *         1,034,978         1185         118         240           JA1RPK         *         1,001,517         1094         116         247	*JA2VZL " 162,588 336 74 130 *JR2ATZ " 132,804 237 74 130 *JA2HJA " 21,879 91 36 63 *JE2CPI 28A 14,756 114 24 38 *JR2MIO 21A 131,784 472 33 81 *JS2MKU " 101,152 364 31 85
*NØGM " 32,504 145 44 92 *KØWOI " 30,140 111 40 70 *KØWOI " 26,700 118 28 61 *K4EQ " 26,334 99 41 73 *KØWRY " 25,725 97 35 70	ZF2SS AA 6,297,366 4281 149 505 (OP: KO7SS) Costa Rica TI7W AA 137,940 513 27 87	BA3WW         AA         854,619         1120         98         241           BA4DL         "         787,508         1325         97         216           BA3OM         "         772,260         1322         93         212           BG3IAY         "         745,767         1257         105         236	JM1XCW         974,810         859         128         302           JN1THL         974,529         1059         117         252           TL1FFH         879,794         920         124         277           JK1HIX         865,190         978         128         231           JK1LSE         826,440         1028         119         236           JA1IAZ         689         402         863         101         221	*JE2VYM 14A 1,674 24 10 17 *JR2ALA 7A 53,738 230 31 66 *JF2MBF 3.5A 10,521 80 24 39 District 3
*WBØWIV " 8,493 64 17 40 *KIØD " 6,417 48 31 38 *WI9P " 6,174 42 29 34 *W6GMT " 5,304 44 23 28 *KB9LLD " 4,644 33 26 28 *W5GA " 2940 42 10 25	*TI5JON AA 67,355 324 30 65 Cuba *CO8ZZ 7A 276,471 1052 26 91	BH1NGG " 406,116 925 87 174 BY4SZ " 56,916 282 34 68 (OP: BI4XDT) BA4AEO " 50,184 195 53 83 BH1HWF " 18,648 123 34 50 BP7IMA 28A 283 09 1432 32 91	7K4VPV         609,224         720         102         220           JJ1XBQ         579,462         640         106         217           JH1FSF         513,925         605         113         224           JH1CTV         469,395         696         95         190           JN1LK         420,856         706         77         171	JF3IPR AA 2,221,704 1708 159 364 JN3TMW "793,084 731 138 298 (OP: JF1RPZ) JN3SAC "762,157 825 112 247 JM3UGA "368,781 399 125 232 LA3VOV "196 386 383 79 134
*KØŠV " 2,849 32 15 22 *KJØP " 1,836 25 18 18 *KEØQKF " 1,050 17 7 14 *WB9NMN " 468 12 6 7 *WØJOP " 408 10 7 10	Dominican Republic           *HI3MM         AA         145,071         464         64         135           *HI3K         "         100,655         207         58         147           *HI3RD         "         2,607         44         17         16	BA7JS         "         304,997         1213         30         89           BG5TOX         "         78,020         420         28         66           BD7MQ         21A         260,848         1144         29         83           BA7QT         "         231,800         911         29         93	JF1LMB         "333,169         449         106         193           JF1LMB         "262,944         444         87         162           J11LET         "231,467         411         78         133           JG1FML         "176,341         371         63         124           JQ1TIV         "159,264         377         63         95           JA1CJP         "141,000         282         69         119	JR3RIY         "         133,940         294         63         122           JF3LGC         "         13,013         72         32         45           JG3RPL         "         1,372         17         11         17           JF3LGOP         28A         110,212         392         34         84           JA3RAR         "         17,664         99         21         48
*K/BG 48 48 3 3 3 *KKØU 28A 60,096 233 25 71 *W2UP 21A 123,625 386 29 86 *NNØJS 14A 20 6 3 2 *KØKT 3.5A 14,012 101 13 49	*YS1MS AA 46,287 186 32 79 Greenland OX7AM AA 3,269,034 3447 90 296 (OP: OZ7AM)	B45DT 3.5A 4,674 116 16 22 BA5DX " 1,980 98 10 12 *BØA AA 1,775,922 1741 97 294 (OP: BA7NQ) *BY6BB " 889,243 1261 104 225 (OP: B66GOE)	JIIFOE " 129,516 381 55 74 JIIFDEK " 123,150 299 41 109 JA1XRA " 114,536 226 70 136 JA1WWO " 108,680 204 78 142 JA1KZP " 94,482 234 73 108 IA1PT " 70,528 235 51 77	JS3C1Q         21A         418,770         1172         34         101           JH3AIU         14A         574,452         1310         38         124           JF3NDW         "         11,856         95         15         37           JF3KNW         7A         10,899         63         20         43           *JG3FEA         AA         772,200         714         119         271           *JP3WEL         "         510,205         633         100         235
NORTH AMERICA Alaska	Guatemala *TG9ADM 14A 9,211 60 17 44	*BH4TQX " 780,224 1263 105 229 *BG2AUE " 623,934 872 93 213 *BA4TB " 380 160 596 77 179	JS1KQQ " 67,398 184 47 94 J1LNR " 54,054 169 42 84 L11PEC " 30.276 110 49 67	(OP: JG1EIQ) *JF3EIG " 192,582 316 82 152 *JM3FUW " 65,934 199 73 89
NL7V         AA         85,094         241         57         100           AL2F         "         38,352         150         48         54           NL7S         21A         14,014         119         20         29           Belize         8         8         9         9         9	XE1KK 7A 42,020 152 33 77 *XE1EE 28A 18,760 247 17 23	*BH7QP " 364,151 912 77 164 *BH4AYG " 273,260 572 86 174 *Bl6LFJ " 180,549 439 74 169 *BD7JZC " 161,538 317 71 147 *BG3II Y " 153,874 453 77 126	JAIDKT " 23,147 111 35 44 JG1OGM " 11,786 70 30 41 JH1KLE " 10,434 59 32 42 JR1BAS " 7,800 46 29 31 H1XEF " 6 324 53 28 40	*JH4PUL/3 " 40,584 161 34 55 *JF3GFH " 28,141 105 47 60 *JR3KAH " 3,255 43 15 20 *JR3RWB 28A 94,608 345 33 75 *JI3KDH " 36,960 197 25 52
V31CQ 21A 942,704 2632 34 118 (OP: K5PS) Canada District 1	Panama HO2T 28A 55,651 227 27 74 (OP: K2GO) Puerto Rico	*BH3PLA " 124,092 458 50 112 *BG6SZD " 120,484 341 61 121 *BD8CS " 112,998 403 29 82 *BG2DVL " 105,194 437 46 103 *BG3HFS " 101,192 296 57 125	JK1AKA         4,277         37         21         26           JA1GHR         2,418         22         17         22           JA1KXT         1,656         26         14         22           JA1ILA         1,225         25         12         12           JA1ILA         238         7         7         7	*JK3DGX " 20,230 124 22 48 *JA3EJG " 1,628 20 19 18 *JF3BFS 21A 276,479 833 33 94 *JN3DSH " 135,542 446 33 89 *JH3QFY " 58,562 242 32 62
VO1HP         AA         1,069,086         1149         84         297           VE9HF         "         887,250         1099         80         258           VE1ANU         "         526,500         695         83         242           VA1CC         "         154,971         294         45         156           VO1CH         "         24,130         75         55         72	KP3DX         AA         7,212,387         5350         144         465         (OP: NP4Z)           KP4AA         "         1,262,090         841         142         468           *KP3N         AA         720,940         1552         57         163	*BG3GRU " 96,696 291 48 110 *BH6ODC " 74,606 301 51 95 *BH2VBK " 58,960 267 48 86 *BD3QT " 57,682 247 51 100 *BG7XVX " 51,712 173 41 87	JH1ERJ         "         224         8         8         8           JE1CKA         28A         188,377         643         33         86           JF1SQC         "         110,682         406         32         67           JH1BNC         "         81,302         304         34         72           JN1BMX         "         42,930         201         29         52	*JA3YVI 14A 2 1 1 1 District 4 JR4OZR AA 3,928,837 2502 163 420 JH4UTP " 2,830,289 2094 150 389
VE90A " 7,128 53 20 34 VO2AC 28A 95,040 350 21 87 VA1RST 7A 172,250 674 24 82 *VE9VIC AA 757,701 779 94 305 *VO2NS " 2,494 33 19 24	US Virgin Islands KP2B AA 2,820,129 3051 118 315 (OP: LU8EOT) AFRICA	*BG9OF " 45,630 161 49 86 *BG3GBZ " 43,946 208 64 82 *BI1JPC " 43,010 163 38 77 *BI4MPH " 39,697 202 37 70 *BH2UBD " 36,134 297 34 55	7N3IJT         "         169         7         6         7           JM1NKT         21A         258,535         693         35         110           JK1WSH         "         105,774         33         33         810           7N4GIB         "         378         14         9         12           JA1TBA         7A         71,100         273         29         71	JA4CPC         *         68,544         14/         80         112           JA4RED         *         28,500         112         39         56           JA4CZM         *         2,660         24         14         24           JR4PUR         *         1,530         23         10         20           JA4PXC         *         60         5         5         5
*VE9WH " 1,392 17 13 16 *VE9BK 7A 236,680 791 25 97 District 2 VA2WA AA 9,157,896 4843 159 585	African Italy *IH9YMC 1.8A 9,360 98 5 31 Canary Islands	*BG6HOK " 30,734 125 47 74 *BG5JND " 29,328 153 38 66 *BH4FCD " 25,864 137 37 69 *BG4FQD " 17,936 141 35 41 *BA5AD " 16,065 67 28 57	JH1APK 3.5A 7,661 76 20 27 *JH1EAQ AA 1,634,424 1404 145 306 *JG1LFR " 913,332 966 127 266 *JH1RNI " 580,272 750 103 205 *JG1XIO " 264,192 422 89 169	JR4WUZ " 66,928 289 28 66 JR4VEV " 16 2 2 2 JA4OPW 1.8A 629 25 7 10 *JH4ADK AA 391,414 603 86 168
VA2EBI " 1,798,712 1154 137 467 VA2AM " 1,589,980 1098 122 452 VA2CZ " 1,458,500 1147 111 389 VE2XAA " 1,065,413 1686 62 201 (OP: VE2FK)	EA8DED         "AA         120,000         257         57         125           EA8DED         "3,864         77         19         37         (OP: OH2BP)           EA8DO         "1,125         16         12         13           EA8DIG         1.8A         6,327         65         8         29           "EA8AIW         AA         84 060         232         50         130	*BG3HMQ " 14,720 121 34 46 *BG6QLL " 13,832 95 39 52 *BD70DG " 13,800 78 51 69 *BD3GIP " 8,502 118 30 48 *BH3EMV " 7,800 70 22 30	'JI1HFJ         ''         227,796         358         87         159           *JA1UXV         ''         211,844         368         77         134           *JN1MSO         ''         201,394         423         73         129           *7J1ADJ         ''         174,900         266         103         197           *JR1NWV         ''         84,378         234         57         90	District 5           JH5MXB         AA         67,156         164         55         108           JF5SIM         "         6,222         38         27         34           JASEDJ         28A         273,920         850         35         93
VE2ED * 399,708 598 63 200 VE2EBK * 58,032 144 45 111 VE2SG 28A 9,486 72 15 36 *VA2OT AA 725,121 1147 68 211 *VA2VT * 647,190 1157 66 189	*EA8DHH * 26,880 105 31 74 *EA8TR 28A 3,636 48 15 21 Madeira Islands CT3KN AA 6 784 680 3974 132 459	*BG3IYX * 6,480 71 27 33 *BG3IPT * 5,624 96 31 45 *BD3CB * 1,118 15 13 13 *BH1AQA * 943 30 9 14 *BG8KYI * 182 19 11 15	JATGED         73,924         221         53         95           *JF1JDG         75,072         240         57         81           *7K1VKU         73,432         243         48         86           *JM1EKM         68,385         189         52         89           *JA1PTO         50,172         141         53         78	JJ5NSR         7A         51,390         226         28         62           JA5THU         "         33,460         194         26         44           JJ5GSY         "         5,733         58         13         26           JA5CBO         1.8A         377         11         6         7           'JR5CAG         AA         83,616         256         50         84
VE2UWL         50,345         183         50         119           *VE2HEW         68,561         296         39         70           *VE2DR         8,730         93         18         27           *VA2YZX         4,350         32         20         30           *VE2GT         28A         6         1         1         1           *VE2GIS         14A         89,270         20         30	*CN8WW AA 26,650 136 19 63 Namibia	*BG5UZW * 6,160 93 13 27 *BG5UZW * 6,160 93 13 27 *BA5CW 21A 300,989 1042 34 103 *BH7JUO * 199,650 793 29 81 *BD4UNT * 161,364 684 29 84	3JK1HWU         47,744         162         54         74           *JA1CTZ         47,744         162         54         74           *JJ1MBU         47,744         162         54         74           *JJ1MBU         46,728         177         51         81           *JJ1HSV         42,799         192         50         77           *JE1EPI         34         34         132         45         65	*JA5IVG " 1,824 25 14 18 *JH5FTY 28A 14,288 73 27 49 *JH5OJH/5 " 8,624 78 18 26 *JA5EXN/5 7A 7,176 60 18 28 *JH5HDA 3.5A 72 10 4 4
VE3NZ         AA         2,890,800         2754         87         353           VE3CT         "         2,237,118         1554         125         434           (OP: VE3UTT)	*V55Y 21A 400,320 1148 29 91 (OP: V51WH) Reunion Island *FR8TZ 28A 284,513 973 25 82	*BA5AB " 119,728 496 30 82 *BH7LSW " 54,150 260 25 70 *BD1RCR " 54,033 363 23 60 *BH4TVU " 30,888 303 17 37 *BG7WZ " 5,244 78 17 29	*JJ1ONK " 33,925 119 46 69 *JQ1EPD " 21,576 100 39 48 *JH1USR " 21,140 132 28 42 *JA1OHP " 20,303 109 33 46 *7M2ALZ " 19,256 101 35 48	District 6           JA6MWW AA         157,290         309         89         156           JA6GMC         101,556         254         72         110           JE6QQN         "         43,798         137         50         72
VE3YT         "         1,013,816         1261         89         264           VE3NRT         "         963,090         957         97         338           VA3TNM         "         948,330         1031         94         275           VA3CW         "         808,656         781         99         309           VE3TW         "         555,237         676         88         235	South Africa           ZS1C         AA         100,695         282         51         86           ZS4TX         "         25,856         145         31         33           *ZS6JBZ         AA         690         16         8         15	*BH1JHC " 3,813 68 15 26 *BH4BIN 14A 1,350 115 6 12 *BH4CAC " 663 15 6 11 *BD2TBJ " 136 23 4 4 *BH6JFR 7A 980 30 8 12	*JN1GNL " 9,796 80 24 38 *JH1EYM " 9,112 48 26 41 *JA1BJT " 8,544 70 18 30 *JJ1UBX " 7,645 64 19 36 *JI1RSF " 3,042 28 16 23	JA6ZPR 21A 261,590 1025 31 70 (OP: JH6JSR) JE6WOQ " 59,613 247 28 65 JK6DXD 7A 40,936 174 26 60
VE3KI " 489,945 720 86 181 VA3FH " 246,512 479 60 157 VE3TMK " 196,245 277 64 203 VE3ZZ " 161,952 258 67 174 VA3IK " 147,504 341 47 121	ASIA Asiatic Russia	*BA4SCP " 64 4 4 4 *BD4UJ 3.5A 192 25 6 6 *BG8PM " 20 6 2 3 *BD2RJ 1.8A 12 6 1 2	JH8KYU/1         2,328         39         11         13           *JA1CUF         1,846         29         12         14           *JM1VDM         1,560         20         10         16           *JH1GBO         432         14         9         9           *JA1UII         240         11         8         8	*JG6JAV " 438,561 518 113 220 *JH6QIL " 177,970 354 61 124 *JS6RRR " 164,265 280 83 150 *JG6XYS " 141,750 292 66 123 *JE6PJP " 11 310 76 28 37
VE3NR 28A 292,380 905 29 103 VE3VN 7A 896,124 2208 37 122 VE3NNT 632,745 1837 30 105 VE3NE 222,972 950 22 80 VE3NGY 4A 1379,057 1619 07 204	District 9           RW9DX         AA         2,602,295         1959         116         399           UA9CDC         "         1,550,840         1023         126         440           RL9Y         "         1,020,539         989         89         288 <i>BK9AX</i> "         410,500         681         60         190	Cyprus C44C 28A 25,517 132 21 58 (OP: 5B4AHJ) *P3AA 21A 254,835 904 24 81 (OP: RN3QO)	JG1LDN         34         3         3           JH1RFM 28A         32,311         185         28         51           *JA1CHY         25,560         156         26         46           *JF1OVA         23,660         156         23         42           *JL1EEL         19,920         101         29         31	*8J6YAB 28A 49,224 315 27 57 (OP: JA6VZB) *JR6QFV 7A 180 6 5 5 District 7
*VE3WV " 736,932 764 92 280 *VE3SMA " 318,159 472 73 188 *VE3FP " 252,464 407 68 180 *VE3XD " 99,663 295 38 101 *VE3HG " 81 212 198 44 114	RL9O         "         395,456         561         77         219           UA9AX         "         253,500         327         93         207           RY9C         "         3,871         28         22         27           UA9LAO         28A         241,048         958         25         91           RK8I         "         134,970         578         24         86	Georgia 4L8A 28A 628,269 1897 29 98 *4L5P 21A 107,010 442 20 67 *4L4NW 14A 43,452 254 15 56	*JK1AUY " 12,064 95 24 28 *7L1ETP/121A 93,660 364 31 74 *JR1CBC " 63,600 266 31 69 *JH1SBE " 39,771 194 28 53 *JH2EUV/1 " 20,790 147 24 42	JF7PHE         AA         1,619,928         1460         142         311           JO7KMB         "         449,064         594         127         197           JH7CUO         "         234,302         454         70         123           JH7RTQ         "         231,594         386         82         160           JA7GYP         "         30,528         114         39         67
*VA3PAF " 76,033 223 41 98 *VE3FZ " 44,480 123 55 105 *VE3CWU " 38,300 135 23 77 *VA3YV " 30,728 134 33 59 *VE3QN " 18,232 85 26 60	RW9QA         "         88,543         559         24         67           R8OM         21A         539,784         1610         34         119           R9MM         "         450,805         1439         32         113           R8LA         "         238,680         783         30         105           R8TT         14A         587,006         1469         38         123	Hong Kong VR2XMT AA 42,795 157 50 85 VR2XAN 28A 229,628 785 35 104 VR2XVI 21A 27 370 150 25 60	*JA1AKL " 10,764 94 21 31 *JK1FUP " 4,292 51 13 24 *JI1BDQ 14A 21,845 107 30 55 *7N4XTA " 17,490 114 22 44 *JA1QIF " 14,763 95 19 38	JI7VNJ " 28,320 120 28 52 JA7ZP " 28,034 117 44 63 JA7OWD 28A 135,600 487 35 78 JG7PSJ " 87,418 314 33 76 JH7XGN 21A 382,641 1078 34 99
*VE3CV " 13,650 73 28 47 *VA3SK " 12,931 80 23 44 *VE3KTB " 12,320 82 28 49 *VE3OU " 7,350 54 16 33 *VA3TMV " 4,140 39 17 28	UA9CTT 7A 592,373 1524 37 114 R9PS 1.8A 126,522 616 16 65 *RU9TN AA 725,450 1024 61 214 *RA9MX " 410,154 405 92 302 *PBSS " 322,786 493 65 186	VR2KV 7A 140,389 724 28 75 *VR2NC 28A 16,366 247 18 31 India	*JJ1AEB 7A 48,060 203 29 61 District 2 JR2GRX AA 4,508,335 3112 171 388 JN2AMD " 1,479,888 1631 129 258	JA7/WC " 39,120 203 25 55 JH7VHZ 14A 333,504 868 36 108 JH7MQD 7A 16,732 97 27 67 JN7FAH 3.5A 3,690 45 18 23
VE4VT AA District 4 District 5 District 5	*HA9JM         238,522         426         62         177           *UA9OQM         111,428         245         47         131           *RG8U         87,711         209         51         122           *UA9YE         28A         50,573         198         25         78           *RA9AP         14A         403,106         1014         33         113	VU2VYF " 763,374 1022 67 215 VU2IBI " 67,040 185 50 110 VU2ZMK 21A 54 3 3 *VU2XE AA 1,512,352 1750 81 253 *VU2XE 04 1,512,352 1750 81 253	JH2FXK         927,463         895         128         293           JJ2CJB         535,444         593         115         249           JA2XCR         417,012         484         122         232           JA2HYD         367,908         546         90         186           JH2XQY         191,268         306         79         152	JATVTE         AA         136,656         271         89         119           *JE7LHT         109,848         224         70         114           *JA7SUR         83,331         248         50         91           *JAQVTK/7         33,660         142         35         55           *IA7SSP         14         148         72         32         48
VESSE         AA         773,415         1376         76         179           District 6           VE6TN         AA         883,870         1121         112         226           VE6KC         "         370,980         720         73         156	*UA8L 7A 429 11 5 8 (OP: R9LM) 1.8A 8,976 86 9 39	*VU2PTT         * 167,328         253,731         76           *VU2GRM         40,469         133         55         88           *VU2DCC         31,065         122         36         73           *VU2FGQ         21A         62,034         268         24         74	J-2HVJ         "         189,196         384         83         150           JS2KWL         "         85,249         213         56         107           JR2AWS         "         10,880         87         29         35           JE2FJI         "         1,037         21         9         8           JA2KQE         28A         15,795         105         23         42	*JL7GGH 6,633 77 28 39 *JA7RQK 28A 189 9 4 3 *JP7SJI 21A 5,332 50 18 25
VEONUL         21A         96,390         367         26         79           *VA6TI         AA         31,284         246         33         33           *VA6BGE         "         16,343         117         32         27           District 7         VETNY         AA         18,33.148         1678         131         202	UCØA         AA         1,369,253         1318         90         307           RØWC         "         995,200         1105         101         299           RNIB/Ø         "         937,380         1347         111         229           RDØA         "         205,175         301         64         219           UAØSU         "         176         386         255         79         214	Israel           4Z5LY         AA         1,441,066         1617         79         262           4Z1DZ         "         280,900         486         51         161           4X1IM         "         55,245         193         37         90           4X1MM         21A         919         181         2262         34         115	JA2PTO         3,456         44         11         16           JE2DJC         1,536         24         10         14           JHZJNU         1,050         20         10         15           8N2YOTA 21A         124,292         551         32         60           IP2WI O         45         24         10         14	JH8XVT         AA         172,608         323         97         151           JH8SLS         "         125,373         207         96         141           JR8ORC         21A         21,735         133         23         46           JH8GEU         14A         21,678         239         33         73           *JK8CEE         AA         175,370         305         92         155
VA7KO " 1,235,304 1549 112 232 VA7OM " 1,235,304 1549 112 232 VA7OM " 628,046 1146 81 160 VE7XF " 320,877 419 106 197 VA7UI " 25,480 97 36 68 VE7IO " 20,833 110 39 44	UAØSR " 82,400 172 77 123 RMØW 21A 55,264 293 21 67 UDØW 7A 11,304 66 19 53 *RØSBI AA 721,056 876 87 261 *RØUT " 51,375 181 46 91	4Z4AK         "         591,408         1587         33         111           *4X6FR         AA         7,837,438         4153         151         507           *4X1ST         "         583,740         778         63         207           *4X6FB         "         170,841         416         41         126           *4X1EL         "         62         257         181         30         62	JJ2VRE         14A         603,100         1403         37         126           JJ2VRE         14A         603,100         1403         37         126           JA2GTW         7A         34,592         146         30         64           JH2PWY         "135         5         4         5         4         5           JE2IPC         3         6         2/d         5         4         5	JH8CXW         "         130,472         290         75         113           *JM8FEI         "         130,472         290         75         113           *JM8FEI         "         104,115         278         67         98           District 9         Gamma         Gamma         Gamma         Gamma         Gamma         Gamma
VE7NZ " 8,190 151 16 10 <b>*VA7CRZ AA</b> 359,382 553 99 168 *VE7AX " 206,829 431 75 126 *VE7CV " 89,679 212 60 107	*UAØAV 1.8A 180 9 4 5 Asiatic Turkey TA2SE/3 AA 772,096 1156 60 196	*4XØA         28A         228,872         773         29         93           *4Z5TK         "         14,719         133         10         31           *4Z5LU         14A         38,160         252         18         62           *4Z4KX         3.5A         147,760         697         14         66	*JF2VAX AA 1,298,772 1263 117 270 *JA2KVB " 708,797 701 141 268 *JF2OZH " 597,960 720 107 223 *JG2TSL " 366,705 525 95 186	*JE9PFD AA 41,148 159 40 68 *JF9JTS 21A 38,000 193 26 50 (OP: JAØTEA) *JH9DRL 3.5A 9,576 91 20 37

|  |   
   
  | District Ø   
   
                          | 4500 400 000   
  | *EU2F  
   | 7A<br>"  | 336,746  | 1497 32 105   | *OL9R   
  | **  | 3,357,746  | 2684 157 486  
  | *G4RWD   
  | "   | 111,389   | 445 3  
   | 8 129   
   | *RX3Q   
   | "  | 62,100  | 302  | 41 109  
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---|---|--|---
--|---|
| JJØJM<br>JAØFV   | L AA<br>U "   
   
  | 1,463,648  
   
                          | 1522 136 280<br>1346 144 280   
  | *EU6RO   
   | 3.5A   | 4,329  | 108 6 33  | *OK5OK  
  | "   | 872,830  | 1391 83 287   
  | *GØRXA   
  | "   | 86,720  | 326 3  
   | 120<br>121  
   | *R2AT   
   | "  | 52,545  | 239 4  | 41 114  
   |
| JHØGI  | IZ "<br>IR "  
   
  | 76,500<br>51,660   
   
                          | 166 67 103<br>155 50 73  
  |  
   |  | Belgium  |   | *OK3DM  
  | "   | 337,552  | 640 73 219  
  | *G3RTU   
  | "   | 75,492  | 305 4  
   | 144<br>13<br>129  
   | *RU3DM  
   | "  | 49,933  | 135 4  | 42 125<br>50 92   
   |
| Jaøgo<br>Jaøgo   | ) 28A<br>) 21A  
   
  | A 12,160<br>A 44,239   
   
                          | 92 27 37<br>222 26 57  
  | OP7T   
   | AA   | 634,068  | 971 79 245<br>(OP: ON4IT)   | *OK1TRJ<br>*OK4DZ   
  | "   | 328,489<br>266,085   | 703 67 214<br>451 84 159  
  | *GØMFR<br>*G4LPP   
  | "   | 66,068<br>62,010  | 221 4<br>200 5   
   | 67 119<br>62 107  
   | *RX3MM<br>*RX3ACO   
   | "  | 20,880  | 118 3<br>62 4  | 32 84<br>41 52  
   |
| JRØRE<br>*JHØN   | 9Y 3.5A<br>EC AA  
   
  | A 7,728<br>930,552   
   
                          | 73 19 37<br>910 134 272  
  | ON6MR<br>OR1Z  
   | 66<br>66   | 204,612<br>183,352   | 483 61 175<br>747 36 128  | *OK1BR<br>*OK5MAX   
  | "   | 262,570<br>166,500   | 715 55 162<br>601 46 176  
  | *G3PHO<br>*MØNNQ   
  | "   | 57,216<br>29,283  | 172 3<br>165 3   
   | 86 113<br>84 95   
   | *R2HB<br>*RT2X  
   | **   | 11,931<br>5,720   | 69 3<br>57 2   | 34 63<br>21 44  
   |
| *JHØN<br>*JJØTI  | UC"<br>IX"  
   
  | 504,094<br>255,398   
   
                          | 672 97 210<br>469 81 166   
  | OO7P<br>ON6LR  
   | "  | <i>58,710</i><br>56,388  | <i>139 71 119</i><br>149 60 88  | *OK1TDX<br>*OK2DM   
  | 66<br>66  | 98,368<br>54,442   | 293 61 151<br>284 38 125  
  | *MØNIE<br>*GØVJG   
  | "   | 22,581<br>12,561  | 145 3<br>69 3  
   | 81 86<br>80 49  
   | *UA5R<br>*R3QX  
   | "  | 1,428<br>1,302  | 19 <sup>-</sup><br>33  | 12 16<br>9 22   
   |
| *JHØD  | UG"<br>(N"  
   
  | 159,885<br>63,240  
   
                          | 349 65 122<br>197 53 83  
  | OR5T<br>ON4LDP   
   | "<br>14A   | 34,726<br>161,188  | 230 22 75<br>701 30 88  | *OK1DLX<br>*OK7N  
  | 66<br>66  | 26,220<br>22,655   | 101 37 55<br>115 38 77  
  | *MØMDR<br>*MØNJW   
  | "   | 11,792<br>11,730  | 120 2<br>106 2   
   | 20 68<br>21 81  
   | *RX3AFE<br>*UA3LEO  
   | "<br>28A   | 1,060<br>5,508  | 31 ·<br>54 ·   | 10 10<br>18 36  
   |
| *JRØE  | LG "<br>OW 21A  
   
  | 1,000<br>1,800   
   
                          | 14 12 13<br>28 14 16   
  | OT1A<br>*ON3DI   
   | 1.8A   | 66,994<br>681,360  | 757 17 65   | *OK1DXK<br>*OK2RO   
  | **  | 20,274<br>16.432   | 129 31 62<br>98 23 56   
  | *G4ZZL<br>*MØJSB   
  | "   | 11,316<br>10.519  | 127 2<br>102 1   
   | 21 61<br>8 49   
   | *UA3MCH<br>*RZ3Z  
   | "<br>14A   | 3,397<br>87,120   | 35<br>493  | 16 27<br>30 91  
   |
|  |   
   
  | Kazakhsta  
   
                          | n  
  | *ON7XN<br>*ON577   
   | "  | 83,398<br>48,396   | 301 47 114<br>223 35 76   | *OK2PGY<br>*OK1DOY  
  | "   | 15,824<br>13,013   | 125 25 67<br>73 32 59   
  | *G2W   
  | "   | 9,088   | 86 1<br>(OP: G   
   | 5 56<br>4DBW)   
   | *UA3UCD<br>*UA3PI   
   | "<br>7A  | 18,542<br>82,200  | 198<br>602   | 16 57<br>22 78  
   |
| UPØL   | AA  
   
  | 5,003,240  
   
                          | 2983 146 518   
  | *ON5GM   
   | **   | 46,276   | 191 34 58   | *OK1FMJ<br>*OK2CU   
  | **  | 6,693<br>4 050   | 43 31 38<br>42 17 28  
  | *G8AJM<br>*G4AWA   
  | "   | 7,560<br>7,076  | 42 3   
   | 80 42<br>94 34  
   | *R5DF<br>*RN3QN   
   | "<br>3.5A  | 14,946  | 110  | 16 31<br>1 1  
   |
| UP5B   | "   
   
  | 1,360,153  
   
                          | 1521 63 260  
  | +==+0  
   | Bosn   | ia-Herzeg  | ovina   | *OK1CLD   
  | <b>28A</b><br>"   | <b>115,050</b>   | <b>396 31 99</b>  
  | *M5NCW   
  | "   | 5,226   | 46 2   
   | 25 42   
   |   
   | 0.071  | District 4  |  |   
   |
| UN7FV  | "   
   
  | 599,508  
   
                          | (OP: 0N720)<br>677 95 269  
  | *E77D  
   | 28A  | 19,880   | 114 25 45   | *OL3R   
  | 14A   | 318,164  | 1089 35 119<br>(OP: OK1VWK)   
  | *G4PDF   
  | "   | 2,640   | 48 1   
   | 3 42<br>9 17  
   | RA4Y<br>BG44  
   | AA<br>"  | 784,896   | 1277 10  | 01 337  
   |
| *UN3G  | 28A<br>AA   
   
  | 42,292<br>4,261,446  
   
                          | 1/4 24 /3<br>3036 125 433  
  | "E/AA  
   | 14A  | 185,328  | (OP: E73AA)   | *OK1FGD   
  | "   | 37,209   | 329 18 61   
  | *G4NXG/N   
  | / "<br>29 A   | 1,650   | 29 1   
   | 0 12  
   | RU4PU   
   | **   | 350,207   | 579  | 95 308  
   |
| *UN7J2   | κ"  
   
  | 176,928  
   
                          | ( <b>OP: UA42)</b><br>433 49 145   
  | *E7ØX<br>*E7AR   
   | 7A<br>"  | <b>100,800</b><br>40,400   | <b>673 25 80</b><br>222 25 76   | *OK8SMS   
  | 7A  | 6,118  | 100 9 37  
  | *CARCK   
  | 20A<br>"  | 106 140   | (OP: G   
   | ØTSM)   
   | R4KO  
   | **   | 254,856   | 436  | B5 211  
   |
| *UN7L'<br>*UN3N  | / "<br>28A  
   
  | 138,943<br><b>105,096</b>  
   
                          | 354 37 124<br>418 18 69  
  | *E79D  
   | 3.5A   | 130,707  | (OP: E77AR)<br><b>855 21 82</b>   | *OK1AY  
  | 3.5A  | <b>79,887</b>  | <b>700 18 75</b>  
  | *G4DBW   
  | "   | 15,785  | 135 1  
   | 5 26  
   | RD4A  
   | "  | 253,914   | 552 (  | 69 209  
   |
| *UN2E<br>*UN4P   | G ".  
   
  | 101,296<br>82,071  
   
                          | 474 25 79<br>421 23 76   
  |  
   |  | Bulgaria   |   | *OK2VV  
  | "<br>1 0 A  | 35,287   | 418 12 59   
  | *G8P   
  | 21A   | 154,536   | 439 3  
   | 1 30<br>2 109   
   | R4MM  
   | 20A<br>"   | 46,428  | 251 2  | 26 73   
   |
| *UN4L<br>*UN4P   | 21A<br>D 14A  
   
  | A 423,913<br>A 84,958  
   
                          | 1086 35 126<br>303 28 79   
  | LZ6E   
   | AA   | 2,165,904  | 1938 148 476<br>(OP: LZ1GU)   |   
  | 1.0A  | 53,056   | (OP: OK2PTZ)  
  | *G4RQI   
  | "   | 101,106   | 322 3  
   | 140LA)<br>12 91   
   | RA4W  
   | 7A   | 2,068   | 60 ·   | 12 35   
   |
|  |   
   
  | Kuwait   
   
                          |  
  | LZ1ZJ<br>LZ1UK   
   | **   | 459,284<br>116,620   | 846 79 250<br>434 55 141  | "OL6B   
  |   | 5,920  | (OP: OK6AB)   
  | *M3M   
  | "   | 90,062<br>40,764  | 317 1  
   | 7 62  
   | *UA4CNJ   
   | AA<br>"  | 170,500   | 349  | 73 177  
   |
| 9K2HN  | 28A   
   
  | A 1,710  
   
                          | 34 5 14  
  | LZ1NT  
   | "<br>28A   | 48,280<br><b>187,440</b>   | 219 32 104<br>585 33 99   | 070014  
  |   | Denmark  | 1007 100 070  
  | *G7C   
  | 66  | 21,170  | (OP: 0<br>134 1  
   | 3PLE)<br>9 54   
   | *RN4SN<br>*RN4HAB   
   | "  | 163,898   | 308 9<br>591   | 46 157  
   |
| *OD5Z  | F 28A   
   
  | Lebanon<br>3,150   
   
                          | 48 6 19  
  | LZ1MS<br>LZ4W  
   | **   | 175,518<br>71,868  | 589 33 114<br>291 29 84   | OZ3SM<br>OZ8SW  
  | <b>AA</b><br><i>"</i>   | 1,142,708  | 1837 108 372<br>1148 123 395  
  | *M6W   
  | 14A   | 323,856   | 1274 3   
   | 900KE)<br>110   
   | *R4RM   
   | "  | 99,408<br>93,740  | 327 !  | 73 145<br>55 163  
   |
|  |   
   
  | Qatar  
   
                          |  
  | LZ5K   
   | 21A  | 282,976  | 972 34 114<br>(OP: LZ1QZ)   | OU4N  
  |   | 768,362  | (OP: OZ4KG)   
  | *G4ERW   
  | "   | 232,224   | 1055 2   
   | <b>30000)</b><br>1989   
   | *RU4LM  
   | "  | 75,658<br>28,680  | 337 2<br>135 (   | 41 140<br>38 82   
   |
| A71BX  | AA  
   
  | 4,550,956  
   
                          | 3778 107 359   
  | LZ6W   
   | "<br>14A   | 229,086<br><b>412.412</b>  | 842 34 109<br>1711 37 117   | OZ2TF<br>OZ1KZX   
  | "   | 285,140<br>170,765   | 611 58 207<br>400 68 177  
  | ^G6A   
  |   | 184,560   | 854 2<br>(OP: G  
   | 3VDB)   
   | *UB4NAL   
   | "  | 1,575   | 31<br>28   | 12 23<br>9 23   
   |
| DS5D   | Rej<br>IO AA  
   
  | public of Ko   
   
                          | orea<br>721 71 116   
  | LZ4T   
   | 66   | 357,420  | 1405 33 105<br>(OP·174TL)   | OZ8PG<br>OZ4O   
  | "   | 122,010<br>87,660  | 307         58         152           277         46         134   
  | *MØHWT   
  | "   | 32,580<br>2,788   | 243 2<br>58  
   | 20 70<br>7 27   
   | *RU4SO  
   | 21A  | 192<br>177,274  | 10<br>704 (  | 6 6<br>34 117   
   |
| HL2VX<br>DS5TC   | K"<br>S"  
   
  | 139,104  
   
                          | 520 55 106<br>67 39 45   
  | LZ1AQ  
   | 66<br>66   | 196,686<br>48,506  | 935 31 95<br>529 21 58  | OZ1KIH<br>OZ5ØDDX   
  | "G  | 20,905<br>16,274   | 165 29 84<br>198 19 60  
  | *G4FJW<br>*G1HWY   
  | 7A<br>"   | <b>33,968</b><br>2,052  | <b>239 2</b><br>37 1   
   | 20 68<br>1 25   
   | *UB4WBC<br>*R4HA  
   | 14A  | 15,480<br>54  | 181 -  | 14 46<br>3 6  
   |
| *DS3E<br>*HL5Y   | ĂĂ TĂ   
   
  | <b>104,949</b>   
   
                          | <b>294 64 105</b>  
  | LZ3BB  
   | "<br>74  | 8,732  | 176 9 28<br>723 24 88   | OZ8ABA  
  | 44  | 13,340   | (OP: OZ1AXG)<br>55 38 54  
  | *G4BVY<br>*GØW   
  | 3.5A<br>"   | <b>38,844</b><br>9,860  | <b>391 1</b><br>147 1  
   | <b>3 65</b><br>0 48   
   | *RW4CLF   
   | 7A   | 17,238  | 184  | 17 61   
   |
| TILO TI  |   
   
  | Singapore  
   
                          | 10 01 102  
  | LZ6F   
   | 3.54   | 106,836  | 908 22 65<br>1843 32 107  | OZ1AXG<br>OZ8AGB  
  | "   | 3,800<br>2,356   | 36 19 21<br>30 17 21  
  | *G5Q   
  | 1.8A  | 28,182  | (OP: G<br>401 1  
   | ØVDZ)<br>2 54   
   | RX6AM   
   | AA   | 241,200   | 473 (  | 80 188  
   |
| 9V1ZV  | AA  
   
  | 142,340  
   
                          | 297 75 145   
  |  
   | "  | 25.063   | (OP: LZ1MC)   | OZ1IKY<br>OZ5E  
  | 21A<br>3.5A   | 332,304<br>226,464   | 975 36 125<br>1559 22 90  
  |  
  |   |   | (OP: 0   
   | à3SVL)  
   | R7AT<br>RX6LRU  
   | "  | 210,672<br>209,304  | 497 4<br>363 4   | 49 160<br>83 145  
   |
|  |   
   
  | Taiwan   
   
                          | 000 EE 104   
  | 1 7276   
   | 1 94   | 1 014  | (OP: LZ2WP)   | *OZ1AAR   
  | AA  | 387,091  | (OP: DL8UD)<br>968 62 207   
  | ES3TI  
  | AA  | Estonia<br>1,494,375  | 1295 15  
   | 5 470   
   | R6KA<br>R7FF  
   | "  | 144,099<br>107,100  | 383 6<br>291 5   | 69 174<br>59 179  
   |
| BV2LA<br>BV4VC   | 28A   
   
  | A 6,109  
   
                          | 85 14 27   
  | *LZ60  
   | AA<br>"  | <b>882,182</b>   | 1115 109 318<br>1000 102 212  | *OZ7DK<br>*OZ6TM  
  | 66<br>66  | 35,535<br>18,304   | 197 33 82<br>146 23 81  
  | ES4RD<br>ES1CN   
  | 21A   | <b>96,480</b><br>44,191   | <b>459 3</b><br>228 2  
   | <b>32 102</b><br>6 81   
   | UA6G<br>RU6B  
   | "  | 28,200<br>459   | 186 3<br>9   | 31 89<br>8 9  
   |
| *BU2E  | P 28A   
   
  | A 882  
   
                          | 20 9 12  
  | *LZ1GV<br>*LZ1FH   
   | **   | 404,680  | 781 75 260  | *OZ4CG<br>* <i>OZ2ABI</i>   
  | "   | 14,651<br><i>675</i>   | 108 23 68<br><i>21 10 17</i>  
  | ES2DF<br>*ES7A   
  | 7A<br>AA  | 62,212<br>5,379,230   | 393 2<br>3823 18   
   | 25 78<br>88 642   
   | RC6U<br>RW7K  
   | 28A<br>21A   | 20,672<br>601,380   | 131 1<br>1583 1  | 19 49<br>37 143   
   |
|  | D 014   
   
  | Thailand   
   
                          | 970 00 50  
  | *LZ7O  
   | 66   | 289,044  | 737 62 197  | *OZ7BQ  
  | 21A   | 79,970   | 331 26 84   
  | *ES1BH   
  | "   | 199,432   | (OP: E<br>642 5  
   | <b>S7GM)</b><br>6 201   
   | UB7K<br>UC7A  
   | 14A<br>7A  | 890,928<br>110,654  | 2580 3<br>519  | 38 146<br>32 90   
   |
| FOUND  | P 21A   
   
  | A 48,282<br>A 16,576   
   
                          | 379 26 52  
  | *LZ1QB   
   | **   | 232,059  | 361 97 212  | *SV5/   
  | D   | odecanes   | e   
  | *ES3RF<br>*ES2GW   
  | 66<br>66  | 159,616<br>8,556  | 505 5<br>85 1  
   | 5 177<br>7 45   
   | *UD6M<br>*UA6HFI  
   | AA<br>"  | 505,161<br>98,136   | 1135 7   | 77 256  
   |
| E21YD<br>HS3NE   | R 14A   
   
  | 500,440  
   
                          | 007 00 004   
  |  
   |  | 127.002  | 402 44 139  | 01/0001   
  |   |  |   
  |  
  |   |   |  
   |   
   |   
   | 66   |   |  | 40 142  
   |
| E21YD<br>HS3NE<br>*HSØZ<br>*HS8N   | <b>IR 14A</b><br><b>LN AA</b><br>KB "   
   
  | <b>586,440</b><br>327,669  
   
                          | <b>897 90 234</b><br>567 65 174  
  | *LZ5B  
   | **   | 56,704   | 351 27 101  | SV9COL  
  | AA  | 81,579   | 297 53 160  
  | *ES2TT   
  | **  | 6,960   | (OP: E)<br>48 2  
   | S7GW)<br>25 35  
   | *RA6L<br>*RV6AJJ  
   | **   | 76,608<br>68,020  | 304<br>149 6   | 43 125<br>69 110  
   |
| E21YD<br>HS3NE<br>*HSØZ<br>*HS8N<br>*E29AI<br>*HS4M  | <b>IR 14A</b><br><b>LN AA</b><br>KB "<br>HU "<br>LV "   
   
  | <b>586,440</b><br>327,669<br>60,755<br>4,560   
   
                          | <b>897 90 234</b><br>567 65 174<br>189 50 95<br>50 25 32   
  | *LZ5B  
   | "  | 56,704<br>13,600   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49   | G4IIY   
  | AA  | 81,579<br>England<br>3,179,736   | 297 53 160<br>2538 145 503  
  | *ES2TT<br>*ES3BH<br><b>*ES7GN</b>  
  | "<br>7A   | 6,960<br>945<br><b>325,304</b>  | 48 2<br>32 1<br>1410 3   
   | S7GW)<br>25 35<br>0 25<br>86 121  
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br><i>*RJ6K</i>   
   | и<br>и   | 76,608<br>68,020<br>67,596<br><i>34,584</i>   | 304<br>149<br>182<br>103   | 46       142         43       125         69       110         55       76         57       75  
   |
| E21 YD<br>HS3NE<br>*HS0Z<br>*HS8N<br>*E29AI<br>*HS4M<br>*E2ØX<br>*E2ØH   | KR 14A<br>KB "<br>HU "<br>LV "<br>MG 28A<br>HK "  
   
  | <b>586,440</b><br>327,669<br>60,755<br>4,560<br><b>37,376</b><br>21,900  
   
                          | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54   
  | *LZ2JU<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ   
   | "<br>28A<br>21A  | 56,704<br>13,600<br><b>89,472</b><br><b>1,716</b>  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18   | G4IIY<br>G6T  
  | <b>A</b> A<br>#   | 81,579<br>England<br>3,179,736<br>2,691,234  | <b>297 53 160</b><br><b>2538 145 503</b><br>2109 151 500<br>(OP: G4MKP)   
  | *ES2TT<br>*ES3BH<br><b>*ES7GN</b><br>*ES2DJ  
  | "<br>7A<br>"  | 6,960<br>945<br><b>325,304</b><br>11,830  | (OP: E)<br>48 2<br>32 1<br>1410 3<br>115 1   
   | S7GW)<br>25 35<br>0 25<br><b>36 121</b><br>6 49   
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>* <i>RJ6K</i><br>*RN6AT<br>*RA6DT  
   |  | 76,608<br>68,020<br>67,596<br><i>34,584</i><br>26,880<br>1,891  | 304<br>149<br>182<br>103<br>135<br>23  | 46         142           43         125           69         110           55         76           57         75           31         53           16         15  
   |
| E21YD<br>HS3NE<br>*HS0Z<br>*HS8N<br>*E29AI<br>*HS4M<br>*E20X<br>*E20H<br>*E20H<br>*E27EI   | Image: Non-Section 14,4   
  | <b>586,440</b><br>327,669<br>60,755<br>4,560<br><b>37,376</b><br>21,900<br>15,745<br>40  
   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5   
   
  | *LZ2JU<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R  | "<br>28A<br>21A<br>14A<br>1.8A   | 56,704<br>13,600<br><b>89,472</b><br><b>1,716</b><br><b>53,053</b><br><b>7,938</b>   
   | 351         27         101           (OP: LZ7DP)         99         31         49           300         32         96           57         8         18           414         20         71           135         9         45  | G4IIY<br>G6T<br>M7W  | <b>AA</b><br>#  | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484   
   | <b>297 53 160</b><br><b>2538 145 503</b><br>2109 151 500<br>(OP: G4MKP)<br>1519 168 548<br>(OP: G3TBK)  
  | *ES2TT<br>*ES3BH<br><b>*ES7GN</b><br>*ES2DJ  
  | "<br>7A<br>Euro   | 6,960<br>945<br><b>325,304</b><br>11,830  | (OP: E3<br>48 2<br>32 1<br>1410 3<br>115 1   
   | S7GW)<br>25 35<br>0 25<br><b>36 121</b><br>6 49   
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>* <i>RJ6K</i><br>*RN6AT<br>*RA6DT<br>*RK6HG  
   | "<br>"<br>"  | 76,608<br>68,020<br>67,596<br><i>34,584</i><br>26,880<br>1,891<br>25,645  | 304<br>149<br>182<br><i>103</i><br>135<br>23<br>125  | 46         142           43         125           69         110           55         76           57         75           31         53           16         15           31         84  |
| E21YD<br>HS3NE<br>*HSØZ<br>*HS8N<br>*E29AI<br>*HS4M<br>*E2ØH<br>*HS8JI<br>*E27EI<br>*HS8H  | Image: Non-Section 144  
   
  | <b>58640</b><br>327,669<br>60,755<br>4,560<br><b>37,376</b><br>21,900<br>15,745<br>40<br><b>30,810</b>   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21  
      57   
  | *LZ5B<br>*LZ5B<br>*LZ1ZP<br>*LZ3DJ<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C   
   | "<br>28A<br>21A<br>14A<br>1.8A   | 56,704<br>13,600<br><b>89,472</b><br><b>1,716</b><br><b>53,053</b><br><b>7,938</b><br><i>2,945</i>   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)  | <b>G4IIY</b><br>G6T<br>M7W<br>M1X  | <b>AA</b><br>"   
  | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459  | 297 53 160<br>2538 145 503<br>2109 151 500<br>(OP: G4MKP)<br>1519 168 548<br>(OP: G3TBK)<br>1757 93 304<br>(OP: G0CKP)  
  | *ES2TT<br>*ES3BH<br><b>*ES7GN</b><br>*ES2DJ<br>RA1OHX  
  | "<br><b>7A</b><br>Euro<br>AA  | 6,960<br>945<br><b>325,304</b><br>11,830<br><b>Deean Rus</b><br><b>District 1</b><br>522,466  | (OP: E3<br>48 2<br>32 1<br><b>1410 3</b><br>115 1<br>ssia  
   | S7GW)<br>25 35<br>0 25<br><b>36 121</b><br>6 49   
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>* <i>RJ6K</i><br>*RN6AT<br>*RA6DT<br>*RK6HG<br>BG8G  
   | "<br>"<br>"<br>14A   | 76,608<br>68,020<br>67,596<br><i>34,584</i><br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883   | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>109  | 46         142           43         125           69         110           55         76           57         75           31         53           16         15           31         84           47         96  
   |
| E21 YD<br>HS3NE<br>*HS0Z<br>*HS8N<br>*E29AI<br>*E20X<br>*E20H<br>*E20H<br>*E27EI<br>*HS8H  | Image: Note of the second se  
   | A 586,440<br>327,669<br>60,755<br>4,560<br>A 37,376<br>21,900<br>15,745<br>40<br>A 30,810<br>ed Arab Em   
   
   | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57  
   
   | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C   | "<br>28A<br>21A<br>14A<br>1.8A<br>"  | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia  
  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT   | "<br>"<br>"   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716   
  | 297 53 160<br>2538 145 503<br>2109 151 500<br>(OP: G4MKP)<br>1519 168 548<br>(OP: G3TBK)<br>1757 93 304<br>(OP: GØCKP)<br>1185 78 263<br>1014 80 258   
   | *ES2TT<br>*ES3BH<br>*ES7GN<br>*ES2DJ<br>RA1OHX<br>RT1A<br>RV1CC   
   | "<br><b>7A</b><br>Euro<br>AA<br>"   | 6,960<br>945<br><b>325,304</b><br>11,830<br><b>District 1</b><br>522,466<br>7,995<br>93,532   | (OP: E:<br>48 2<br>32 1<br>1410 3<br>115 1<br>ssia<br>673 10<br>55 2<br>397 3   
  | S7GW)<br>25 35<br>0 25<br>36 121<br>6 49<br>05 364<br>24 41<br>35 99   
  | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6DT<br>*RK6HG<br>RG8G<br>R9GM<br>UA9FAR   
  | "<br>"<br>14A<br>AA<br>7A<br>3.5A  | 76,608<br>68,020<br>67,596<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050  | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>125<br>109<br>578<br>289   | 445         142           443         125           69         110           55         76           57         75           31         53           31         84           47         96           24         79           14         61  |
| E21 YD<br>HS3NE<br>*HS0Z<br>*HS8N<br>*E29AI<br>*HS4M<br>*E20X<br>*E20H<br>*HS8J<br>*E27EI<br>*HS8H<br>*A65/<br>DL2R  | IA         IAA           LN         AA           KB         "           IU         "           MG 28A         HK           MG 28A         HK           VH         "           VH         "           KEX         14A           WH         "           VH         "           KX         14A           WH         "           KX         14A           Unite         MC           MC         AA  
   
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>37,376</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ad Arab Em</li> <li>688,288</li> </ul>   
   
                          | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202  
  | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW  
   | "<br>28A<br>21A<br>14A<br>1.8A<br><i>"</i>   | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 4027<br>1965 115 297   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF  
  | "<br>"<br>"   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153  | 297 53 160<br>2538 145 503<br>2109 151 500<br>(OP: G4MKP)<br>1519 168 548<br>(OP: G3TBK)<br>(OP: GØCKP)<br>1185 78 263<br>1014 80 258<br>654 119 376<br>676 100 253   
  | *ES2TT<br>*ES3BH<br>*ES7GN<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M  
  | "<br><b>7A</b><br>"<br><b>Euro</b><br>AA<br>"<br>7A<br>3.5A   | 6,960<br>945<br><b>325,304</b><br>11,830<br><b>District 1</b><br>522,466<br>7,995<br>93,532<br>53,360<br>57,974   | (OP: E:<br>48 2<br>32 1<br>1410 3<br>115 1<br>ssia<br>673 10<br>55 2<br>397 3<br>241 3<br>502 2  
   | S7GW)<br>25 35<br>0 25<br>36 121<br>6 49<br>05 364<br>44 41<br>35 99<br>30 85<br>21 80  
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX   
   | "<br>"<br>14A<br>AA<br>7A<br>3.5A<br>AA<br>"   | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784   | 304         149         182         103         135         23         125         109         289         698         455   | 142           143         125           69         110           55         76           57         75           31         53           16         15           31         84           47         96           24         79           14         61           73         249           41         151                      
   |
| E21YD<br>HS3NE<br>*HS9Z<br>*HS8N<br>*E29AI<br>*HS8M<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8H<br>*HS8H<br>*A65/<br>DL2R  | IA         IAA           LN         AA           KB         "           IU         "           MG 28A         HK           VH         "           VH         "           X         14A           UNITE         MG 28A           MK         "           VH         "           X         14A           MC         AA           MC         AA           X         7A  
   
  | A 586,440<br>327,669<br>60,755<br>4,560<br>21,900<br>15,745<br>40<br>A 30,810<br>ed Arab Em<br>A 688,288<br>Uzbekistar<br>427,893  
   
                          | 897         90         234           567         65         174           189         50         92           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1         1321         33         96   
  | *LZ5B<br>*LZ5B<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET  
   | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"   | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH  
  | . AA<br>  | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>670,3716<br>650,925<br>565,153<br>550,466<br>400,002   | 297 53 160<br>2538 145 503<br>2109 151 500<br>(OP: G4MKP)<br>1519 168 548<br>(OP: G3TBK)<br>1757 93 304<br>(OP: GØCKP)<br>1185 78 263<br>1014 80 258<br>654 119 376<br>676 100 253<br>1003 60 227<br>466 89 320   
  | *ES2TT<br>*ES3BH<br>*ES7GN<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R1MJ   
  | "<br><b>7A</b><br>"<br><b>Euro</b><br>AA<br>"<br>7A<br>"<br>3.5A<br>1.8A<br>AA  | 6,960<br>945<br><b>325,304</b><br>11,830<br><b>opean Rus</b><br><b>District 1</b><br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931   | (UP: E:<br>48 2<br>32 1<br>1410 3<br>115 1<br>55 2<br>397 3<br>241 3<br>502 2<br>127 1<br>293 5  
   | S7GW)<br>25 35<br>0 25<br>6 <b>121</b><br>6 49<br>15 364<br>44 41<br>15 99<br>10 85<br>17 63<br>12 135  
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XA<br>*UA9XL   
   | "<br>"<br>14A<br>AA<br>7A<br>3.5A<br>AA<br>"   | 76,608<br>68,020<br>67,596<br><i>34,584</i><br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072  | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>578<br>289<br>578<br>289<br>578<br>289<br>578<br>289<br>578<br>289<br>578<br>210<br>94<br>578<br>210<br>94<br>578<br>210<br>94<br>100<br>405<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>1   | 440         142           31         125           569         110           555         76           57         75           31         53           16         15           31         84           47         96           24         79           14         61           73         249           41         151         
 30         99           28         96   |
| E21YD<br>HS3NE<br>*HSØZ<br>*HS8N<br>*E29A<br>*HS4M<br>*HS8J<br>*HS8J<br>*HS8H<br>*HS8H<br>*A65/<br>DL2R<br>UK9A4   | IAA           IAA           KB           IAU           IAU      <   
   
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> </ul>  
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1         33         96  
   
  | *LZ5B<br>*LZ5B<br>*LZ3DJ<br>*LZ3DJ<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE   | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"  
  | 56,704<br>13,600<br><b>89,472</b><br><b>1,716</b><br><b>53,053</b><br><b>7,938</b><br><i>2,945</i><br><b>Croatia</b><br><b>1,593,515</b><br><b>1,051,050</b><br>816,462<br>225,412<br>112,572  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WLF<br>G4IZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4OWT<br>M0TDW   |   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935  
   | 297 53 160<br>2538 145 503<br>2109 151 500<br>(OP: G4MKP)<br>1519 168 548<br>(OP: G3TBK)<br>1757 93 304<br>(OP: GØCKP)<br>1185 78 263<br>1014 80 258<br>654 119 376<br>676 100 258<br>654 119 376<br>676 100 257<br>466 89 320<br>553 105 256<br>522 65 200   
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R1MJ<br>*RV100<br>*R1CAA   
  | "<br><b>Furc</b><br>AA<br>"<br>3.5A<br>1.8A<br>AA<br>"  | 6,960<br>945<br><b>325,304</b><br>11,830<br><b>District 1</b><br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876  | (0P: E:<br>48 2<br>32 1 1<br>1410 3<br>115 1<br>55 2<br>397 3<br>241 3<br>502 2<br>127 1<br>293 5<br>107 3<br>100 1  
   | S7GW)<br>15 35<br>16 121<br>6 49<br>15 364<br>14 41<br>15 99<br>10 85<br>11 80<br>7 63<br>12 135<br>11 68<br>2 41   
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>*RN6AT<br>*RA6HC<br>*RK6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XA<br>*RC9X<br>*UA9XL   
   | "<br>"<br>"<br>14A<br>AA<br>7A<br>3.5A<br>AA<br>"<br>"   | 76,608<br>68,020<br>67,596<br><i>34,584</i><br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,072  | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>578<br>289<br>578<br>289<br>578<br>455<br>455<br>455<br>191<br>2<br>469<br>455   | 40         142           31         125           69         110           55         76           57         75           31         53           16         15           31         84           47         96           24         79           144         61           73         249           41         151           30         99           28         96   |
| E21YD<br>HS3NE<br>*HS8N<br>*E29Al<br>*HS4M<br>*E20H<br>*HS8J<br>*E27El<br>*HS8H<br>*A65/<br>DL2R<br>UK9A4<br>XV9DL   | IR 14A<br>LN AA<br>KB "<br>HU "<br>MG 28A<br>VH "<br>EX 14A<br>Unite<br>MC AA<br>Λ<br>Λ<br>Λ<br>Λ<br>Λ<br>Λ<br>Λ  
   
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>37,376</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> </ul>   
   
                          | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         55           196         21         57           sirates         900         72         202           1321         33         96           408         41         77   
  | *LZ5B<br>*LZ5B<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ2MP<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y  
   | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>"  | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br><b>300 32 96</b><br><b>57 8 18</b><br><b>414 20 71</b><br><b>135 9 45</b><br><i>87 6 25</i><br>(OP: LZ2UW)<br><b>1985 98 287</b><br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br><b>1758 37 138</b>   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4OWT<br>MØTDW<br>MØDSL<br>M2A  
  | • • • • • • • • • • • • • • • • • • •   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975  | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168           1519         168         548           (OP: G3TBK)         1757         93           1014         80         258           654         119         376           676         100         253           1003         60         227           466         89         320           553         105         255           822         65         200           812         53         62  
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R1MJ<br>*RV100<br>*R1CAA<br>*UA1F<br>*UA1A   
  | "<br><b>7A</b><br>"<br><b>Euro</b><br>AA<br>"<br>7 <b>A</b><br>"<br>3.5A<br>1.8A<br>"<br>"<br>14A<br>1.8A   | 6,960<br>945<br><b>325,304</b><br>11,830<br><b>Opean Rus</b><br><b>District 1</b><br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240   | (0F) E<br>48 2<br>32 1<br><b>1410 3</b><br>115 1<br><b>ssia</b><br>673 10<br>55 2<br>397 3<br>241 3<br>502 2<br>127 1<br>293 55<br>107 3<br>100 1<br>139 1<br>58                                       
   | S7GW)         25         35         0         25         36         121         0         25         36         1         6         49         0         5         364         4         41         1         5         99         90         85         21         36         362         1         80         362         135         364         41         41         35         99         90         85         21         1         80         362         1         352         1         53         24         41         68         2         413         64         48         9         26  
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>* <i>RJ6K</i><br>*RN6AT<br>*RA6DT<br>*RK6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L   
   | "<br>"<br>14A<br>AA<br>7A<br>3.5A<br>AA<br>"<br>"  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Opean Tur</b><br>64,024   | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>109<br>289<br>698<br>289<br>698<br>191<br>2<br>146<br>2<br><b>key</b><br>130<br><b>key</b>   | 142           142           143           125           69           110           55           76           57           76           57           75           31           31           31           31           84           47           96           24           79           41           151           30          
99           28           96           92           120   |
| E21YD<br>HS3NE<br>*HS9X<br>*HS9X<br>*HS9K<br>*E29AI<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8H<br>*HS8H<br>*HS8H<br>*HS8H<br>VK9AA<br>XV9DL  | IR 144<br>IN AA<br>KB "<br>HU "<br>HU "<br>LV "<br>WG 284<br>HK "<br>VH "<br>EX 144<br>Unite<br>MC AA<br>AA<br>AA   
   
  | A 586,440<br>327,669<br>60,755<br>4,560<br>21,900<br>15,745<br>40<br>A 30,810<br>ed Arab Em<br>A 688,288<br>Uzbekistar<br>427,893<br>Vietnam<br>63,130<br>Vest Malays<br>412,104   
   
                          | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           nirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162  
  | *LZ5B<br>*LZ5B<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y<br>9A5D   
   | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>"<br>28A   | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,053<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A7DX)<br>1484 37 138<br>(OP: 9A7DX)   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4OWT<br>MØTDW<br>MØDSL<br>M2A<br>MØWJE   
  |   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880   | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168           1519         168         548           (OP: GJTBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         1003         60         227           466         89         320         553         105         255           822         65         200         812         53         162           595         62         173         (OP: G3ORY)         595         87         177   
  | *ES2TT<br>*ES3BH<br>*ES7GN<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R1MJ<br>*RV100<br>*R1CAA<br>*UA1F<br>*UA1A   
  | "<br><b>Func</b><br>AA<br>"<br>3.5A<br>1.8A<br>AA<br>"<br>14A<br>1.8A   | 6,960<br>945<br><b>325,304</b><br>11,830<br><b>opean Rus</b><br><b>District 1</b><br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br><b>District 3</b>  | (UP: E)<br>48 2<br>32 1<br><b>1410 3</b><br>115 1<br><b>sia</b><br>673 10<br>55 2<br>397 3<br>241 3<br>502 2<br>127 1<br>293 5<br>107 3<br>100 1<br>139 1<br>58  
   | S7GW)<br>25 355<br>36 121<br>6 49<br>95 364<br>44 41<br>15 99<br>90 85<br>1 80<br>7 63<br>32 135<br>1 80<br>7 63<br>32 135<br>1 80<br>7 63<br>32 135<br>1 80<br>7 63<br>32 41<br>6 48<br>9 26   
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*TA1L<br>*TA1L<br>*TA1L<br>*TA1MK<br>*TA1UT  
   | "<br>"<br>14A<br>AA<br>7A<br>3.5A<br>AA<br>"<br>"<br><b>Euro</b><br><b>AA</b><br>21A<br>3.5A   | 76,608<br>68,000<br>67,596<br><i>34,584</i><br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dpean Tur</b><br>64,024<br>2,418<br>2,146  | 304<br>149<br>182<br>103<br>135<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>12   | 40         142           31         125           569         110           557         75           31         53           31         53           16         15           331         84           47         96           24         79           24         79           24         79           230         249         
 41         151           300         99           28         96           92         120           13         266           31         31   |
| E21YD<br>HS3NE<br>*HS8N<br>*E29Al<br>*HS4M<br>*E27El<br>*HS8J<br>*E27El<br>*HS8H<br>*A65/<br>DL2R<br>UK9A4<br>XV9DL  | IAA         IAA           LN         AA           KB         "           HU         "           HU         "           HI         "           HI         "           KI         "           HK         "           KI         14A           KI         "  
   
  | 586,440<br>327,669<br>60,755<br>4,560<br>37,376<br>21,900<br>15,745<br>40<br>30,810<br>ed Arab Em<br>688,288<br>Uzbekistar<br>427,893<br>Vietnam<br>63,130<br>Vest Malays<br>412,104   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           nirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162                                      
   
  | *LZ5B<br>*LZ5B<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ2MP<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y<br>9A5D<br>9A2U  |
"<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>"<br>28A<br>"  | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WLF<br>G4IZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4UZZ<br>M0DSL<br>M2A<br>M0WJE<br>G4WFQ<br>G4RKO   | <b>AA</b><br><i>u</i><br><i>u</i><br><i>u</i><br><i>u</i><br><i>u</i><br><i>u</i><br><i>u</i><br><i>u</i><br><i>u</i><br><i>u</i> |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727   | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: G00CKP)         1185         78         263           1014         80         258         654         119         376           654         119         376         676         100         253           1003         60         227         466         89         320           553         105         255         822         65         200           812         53         105         255         822         65         200           812         53         105         255         822         61         173           (OP: G3ORY)         595         87         177         582         69         189           511         44         115         511         44         115  
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R1DX<br>*RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>RL5A<br>RM5F   
  | "<br><b>7A</b><br>"<br><b>Euro</b><br>AA<br>"<br>3.5A<br>AA<br>AA<br>"<br>1.8A<br>AA<br>"<br>4<br>AA<br>"<br>"  | 6,960<br>945<br>325,304<br>11,830<br><b>District 1</b><br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br><b>District 3</b><br>3,444,220<br>3,061,762   | (UP: E:<br>48 22<br>32 1<br>1410 3<br>115 1<br>sia<br>673 10<br>55 22<br>397 3<br>241 3<br>502 2<br>127 1<br>293 5<br>100 1<br>139 1<br>58<br>3310 15<br>3444 14   
   | S7GW)         25         35           0         25         36         121           6         49         9         9         16           95         364         41         9         9           16         49         9         16         80           7         63         32         13         68           2         13         64         48         9         26           9         26         433         41         64         48         9         26           12         52         524         5         493            
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>* <i>RJ6K</i><br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1L<br>*TA1LK<br>*TA1UT  
   | "<br>"<br>14A<br>AA<br>7A<br>3.5A<br>AA<br>"<br>"<br><b>Euro</b><br>AA<br>21A<br>3.5A  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dyean Tur</b><br>64,024<br>2,418<br>2,146   | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>125<br>109<br>578<br>289<br>578<br>289<br>191<br>245<br>455<br>455<br>455<br>455<br>46<br><b>key</b><br>130<br><b>s</b><br>46<br><b>70</b><br><b>k</b>   | 40         142           33         125           69         110           55         76           57         75           31         53           16         15           31         84           47         96           24         79           142         47           47         96           24         79           14         61           73         249           41         151           30         99           28         96           92         120           13         26           6         31   
   |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29AI<br>*HS8M<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8H<br>*HS8H<br>VB9L2R<br>UK9AA<br>XV9DL   | IR 14A<br>LN AA<br>KB "<br>HU "<br>HK "<br>VH "<br>EX 14A<br>Unite<br>MC AA<br>MC AA<br>A<br>AA   
   
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>40,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malayse</li> <li>412,104</li> <li>EUROPE</li> <li>Aland Island</li> </ul>  
   
                          | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         33           144         19         54           163         11         36           5         5         5           196         21         57           nirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           5         5         5         5         5           1321         33         96         408         41         77           sia         913         61         162         5  
  | *LZ5B<br>*LZ5B<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y<br>9A5D<br>9A5D<br>9A2U<br>9A3K<br>9A1CEB   
   | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>"<br>28A<br>"<br>"<br>28A  | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A7DX)<br>1484 37 133<br>(OP: 9A2R)<br>775 32 107<br>(OP: 9A2R)<br>775 32 88<br>706 32 88<br>707 303 29 88   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4OWT<br>MØDDW<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND   
  | <b>AAA</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b>                        | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996  | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3T8K)         160         533         160           1519         168         548         (OP: G3T8K)           (OP: GØCKP)         1185         78         263           114         80         258         654         119         376           676         100         253         1003         60         227           466         89         320         553         105         255           822         65         200         812         53         162           595         62         173         (OP: G30CRY)         555         87         177           582         69         189         511         44         153         359         43         123           200         52         139         43         123         200         52         139   
  | *ES2TT<br>*ES38H<br>*ES7GN<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R1MJ<br>*RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>RL5A<br>RM5F<br>RN3BL<br>RA3DNC  
  | "<br><b>7</b><br>4<br>3.54<br>1.84<br>4<br>1.84<br>4<br>4<br>4<br>3.54<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4  | 6,960<br>945<br><b>325,304</b><br>11,830<br><b>opean Rus</b><br><b>District 1</b><br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br><b>District 3</b><br>3,444,220<br>3,061,762<br>1,534,456<br>1,070,172  | (UP: E:<br>48 2<br>32 1<br><b>1410 3</b><br>115 1<br><b>:sia</b><br>673 10<br>55 2<br>397 3<br>241 3<br>502 2<br>127 1<br>293 5<br>107 3<br>100 1<br>1293 5<br>107 3<br>100 1<br>58<br>3310 15<br>3444
14<br>1454 14<br>1392 10  | S7GW)         57         35           55         35         36           121         6         49           15         364         44           16         49           15         364           14         41           15         599           10         85           11         80           12         115           13         66           14         80           12         135           12         241           13         66           14         80           15         299           16         488           9         26           12         52           14         50           15         493           16         443           17         379   
  | *RA6L<br>*RV6AJJ<br>*RJ6K<br>*RJ6K<br>*RA6HG<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*TA1L<br>*TA1L<br>*TA1L<br>*TA1L<br>*TA1L<br>*TA1L  
  | "<br>"<br>"<br>14A<br>AA<br>7A<br>3.5A<br>AA<br>4<br>"<br>"<br>"<br><b>Eurco</b><br>AA<br>21A<br>3.5A<br><b>Fa</b><br>28A  | 76,608<br>68,020<br>67,596<br><i>34,584</i><br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Opean Tur</b><br>64,024<br>2,146<br><b>Core Island</b><br>100,842  | 304         149         182         103         135         125         125         109         578         289         455         191         146         465         466         817         817  | 440       142         33       125         569       110         557       75         31       53         16       15         31       53         16       15         31       84         47       96         24       79         24       79         24       79         24       79         24       79         24       79
        24       79         928       96         92       92         92       92         92       120         93       26         94       31         25       96   |
| E21YD<br>HS3NE<br>*HSØZ<br>*HS8N<br>*E29A<br>*HS4M<br>*HS4M<br>*E27E1<br>*HS8H<br>*A65/<br>DL2R<br>UK9A4<br>XV9DL<br>9M2TC   | IAA         IAA           IN         AA           VB         "           IV         "           WG         28A           IV         "           WG         28A           VH         "           VI         "           AA         "           AA         "           AA         "   
   
  | 586,440<br>327,669<br>60,755<br>4,560<br>15,745<br>40<br>15,745<br>40<br>60<br>60<br>60<br>688,288<br>Uzbekistar<br>427,893<br>Vietnam<br>63,130<br>Vest Malays<br>412,104<br>EUROPEE<br>Aland Island  
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196     
   21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)   
  | *LZ5B<br>*LZ5B<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y<br>9A5D<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A8M   
   | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>28A<br>"<br>28A<br>"<br>3.5A   | 56,704<br>13,600<br><b>89,472</b><br><b>1,716</b><br><b>53,053</b><br><b>7,938</b><br><i>2,945</i><br><b>Croatia</b><br><b>1,593,515</b><br><b>1,051,050</b><br>816,462<br>225,412<br>112,572<br><b>648,200</b><br>517,820<br>265,760<br><b>220,593</b><br>60,888<br><b>267,159</b>  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A2RU)<br>846 34 117<br>(OP: 9A2RU)<br>847 32 107<br>848 32 107<br>848 32 107<br>848 32 107<br>848 34 128 101<br>(OP: 9A3XU)  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4QWT<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB   | <b>AAA</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b>                        | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168   
   | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168           1519         168         548           (OP: GØCKP)         1185         78           1757         93         304           (OP: GØCKP)         1185         78           1185         78         263           1014         80         258           654         119         376           676         100         253           1003         60         227           466         89         320           553         105         255           812         53         162           595         62         177           582         65         200           812         53         162           595         62         177           582         63         0753           595         87         177           582         69         189           511         44         153           320         52  
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R1DX<br>RA1M<br>UA10MS<br>*R1DX<br>*RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1A<br>*UA1A<br>*UA1A   
  | "<br><b>7</b><br>4<br>5<br>7<br>4<br>7<br>4<br>7<br>4<br>3.5<br>4<br>3.5<br>4<br>1.8<br>4<br>4<br>4<br>1.8<br>4<br>4<br>4<br>3.5<br>4<br>4<br>4<br>4<br>4<br>4<br>3.5<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4  | 6,960<br>945<br>325,304<br>11,830<br>0pean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>0,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008  | (UP: E:<br>48 2<br>32 1<br>1410 3<br>115 1<br>55 2<br>397 3<br>241 3<br>502 2<br>127 1<br>293 5<br>107 3<br>100 1<br>139 1<br>58<br>3310 15<br>3444 14<br>1392 10<br>1085 13<br>527 8  
   | S7GW)         57 364           15         35           16         121           16         49           15         364           16         121           16         99           10         85           11         80           12         135           13         135           14         41           15         99           10         85           12         135           13         14           14         14           15         99           16         48           9         26           12         5493           13         143           14         143           15         493           16         443           17         379           18         434           18         296  
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>*RN6AT<br>*RA6HC<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1LK<br>*TA1UT<br>OY1CT<br>F<br>DM4X  
   | " " " " " " " " " " " " " " " " " " "  | 76,608<br>68,000<br>67,596<br><i>34,584</i><br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Opean Tur</b><br>64,024<br>2,418<br>2,146<br><b>troe Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594  | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>109<br>578<br>289<br>578<br>289<br>578<br>455<br>191<br>146<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130        | 40         142           3         125           69         110           55         76           57         75           31         53           16         15           31         84           47         96           24         79           14         61           73         249           14         61           30         99           28         96           92         120           13         26           6         31           20         78           65         537   |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29AI<br>*HS4M<br>*E27EI<br>*HS8H<br>*A65/<br>DL2R<br>UK9AA<br>XV9DL<br>9M2TC   | IAA         IAA           IN AA         AA           VB         "           IU         "           EX         14A           Unite         "           MC         AA           AA         AA           AA         AA   
   
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>4,560</li> <li>4,5745</li> <li>4,000</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPE</li> <li>Aland Islanci</li> <li>3,256,152</li> <li>Austria</li> </ul>  
  | 897         90         234           567         65         174           189         50         95           50         25         32           264       
 20         53           144         19         57           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)   
  | *LZ5B<br>*LZ5B<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A8M<br>*JA7T  
   | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>28A<br>"<br>"<br>28A<br>"<br>3.5A<br>AA  | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 133<br>(OP: 9A7DX)<br>1484 37 133<br>(OP: 9A7DX)<br>1484 37 133<br>(OP: 9A2R)<br>775 32 107<br>303 29 88<br>1417<br>(OP: 9A3XU)<br>733 153 475<br>(OP: 9A3XU)<br>733 75<br>75<br>75<br>75<br>75<br>75<br>75<br>75<br>75<br>75  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4OWT<br>MØVJF<br>G4WFQ<br>G4RKO<br>G4RKO<br>G4RKO<br>G4RKO<br>G4SND<br>MØNGN<br>GØB<br>G4CTY  | <b>A</b> AA<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u                             | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234  
   | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: G3TBK)         185         78         263           1014         80         258         654         119         376           676         100         253         105         255         822         65         200           503         105         255         822         65         200         5162         555         822         65         200         812         53         162         555         822         65         200         812         53         162         555         822         65         200         812         53         162         555         822         65         200         812         53         162         555         822         65         200         813         511         44         115         359         43         123         200         52         139         207         53         123         194         38   
  | *ES2TT<br>*ES38H<br>*ES38H<br>*ES2DJ<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1A<br>RM5F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX  
  | "<br><b>7A</b><br>"<br><b>Eurc</b><br>AA<br>"<br>7A<br>"<br>3.5A<br>1.8A<br>4A<br>"<br>"<br>1.8A<br>*<br>"  | 6,960<br>945<br>325,304<br>11,830<br>Destrict 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>3,461,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>293,196  | (UP: E:<br>48 2<br>32 1<br><b>1410 3</b><br>115 1<br><b>isia</b><br>673 10<br>55 2<br>397 3<br>241 3<br>502 2<br>127 1<br>293 5<br>107 3<br>100 1<br>139 1<br>58<br>3310 15<br>3444 14<br>1454 14<br>1392 10<br>1085 13<br>527 8<br>502 9<br>556 7<br>507 9<br>507 9<br>509 7<br>509 7<br>500 7  
  | S7GW)         57 364           15         35           16         49           15         364           16         49           15         364           14         41           15         364           14         41           15         364           16         49           10         85           11         68           12         135           13         64           14         64           15         493           10         443           17         379           18         434           18         296           19         259           19         259   
  | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*C9X<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ   | " " " " " " " " " " " " " " " " " " "  | 76,608<br>68,020<br>67,596<br><i>34,584</i><br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dpean Tur</b><br><b>64,024</b><br>2,418<br>2,418<br>2,418<br>2,146<br><b>uroe Island</b><br>100,842<br><b>ep. of Ge</b><br><b>5,508,594</b><br>4,790,916   
   | 304<br>149<br>132<br>103<br>135<br>125<br>125<br>109<br>578<br>289<br>698<br>455<br>191<br>146<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>ke</b> | 40         142           31         125           639         110           557         755           31         53           16         15           31         84           47         96           24         79           142         47           914         61           73         249           41         151           30         99           28         96           92         120           13         26           6         31           20         78           65         537           DD2ML)         55  |
| E21YD<br>HS3NE<br>*HS9Z<br>*HS8N<br>*E29AI<br>*HS8H<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8H<br>*HS8H<br>*HS8H<br>WK9AA<br>XV9DL<br>9M2TC<br>*OH0A<br>OE50I<br>OE5T>  | IAA         IAA           IAA         AA           VB         "           ILV         "           ILV         "           WIG         28A           ILV         "           VILV         " <tr< td=""><td><ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>40,810</li> <li>ed Arab Em</li> <li>40</li> <li>430,810</li> <li>ed Arab Em</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPE</li> <li>Aland Island</li> <li>3,256,152</li> <li>Austria</li> <li>3,35,400</li> <li>2,098,270</li> </ul></td><td>897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           nirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121         414</td><td>*LZ5B<br/>*LZ5B<br/>*LZ12P<br/>*LZ12P<br/>*LZ2MP<br/>*LZ7R<br/>*LZ6C<br/>9A3YT<br/>9A5AET<br/>9A4BA<br/>9A1KDE<br/>9A5Y<br/>9A5D<br/>9A5D<br/>9A2U<br/>9A3K<br/>9A1CFR<br/>9A3K<br/>9A1CFR<br/>9A3M<br/>*9A7T</td><td>"<br/>28A<br/>21A<br/>14A<br/>1.8A<br/>"<br/>"<br/>28A<br/>"<br/>"<br/>28A<br/>"<br/>3.5A<br/>AA</td><td>56,704<br/>13,600<br/>89,472<br/>1,716<br/>53,053<br/>7,938<br/>2,945<br/>Croatia<br/>1,593,515<br/>1,051,053<br/>816,462<br/>225,412<br/>112,572<br/>648,200<br/>517,820<br/>265,760<br/>220,593<br/>60,888<br/>267,159<br/>982,820<br/>335,588<br/>243,040</td><td>351 27 101<br/>(OP: LZ7DP)<br/>99 31 49<br/>300 32 96<br/>57 8 18<br/>414 20 71<br/>135 9 45<br/>87 6 25<br/>(OP: LZ2UW)<br/>1985 98 287<br/>984 148 402<br/>1056 115 287<br/>(OP: W2HUV)<br/>584 50 168<br/>250 64 95<br/>(OP: 9A2VR)<br/>1758 37 138<br/>(OP: 9A2VR)<br/>1758 37 138<br/>(OP: 9A2VR)<br/>1484 37 133<br/>(OP: 9A5DU)<br/>846 34 117<br/>(OP: 9A2BU)<br/>846 34 117<br/>(OP: 9A2BU)<br/>846 34 117<br/>(OP: 9A2BU)<br/>753 32 107<br/>303 29 89<br/>1341 28 101<br/>(OP: 9A3XU)<br/>733 153 475<br/>(OP: 9A5MF)<br/>741 59 204</td><td>G4IIY<br/>G6T<br/>M7W<br/>M1X<br/>G3VMW<br/>G4AMT<br/>GØBNR<br/>MØWLF<br/>G4IZZ<br/>G3SWH<br/>G4QWT<br/>MØTDW<br/>MØDSL<br/>M2A<br/>MØWJE<br/>G4WFQ<br/>G4RKO<br/>G3YXX<br/>G4SND<br/>MØNGN<br/>GØB<br/>G4CTY<br/>GØEFO<br/>MØEAS</td><td><b>AA</b><br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u<br/>u</td><td>81,579<br/>England<br/>3,179,736<br/>2,691,234<br/>2,290,484<br/>1,368,459<br/>817,036<br/>703,716<br/>650,925<br/>565,153<br/>550,466<br/>400,002<br/>393,840<br/>391,935<br/>353,890<br/>348,975<br/>341,880<br/>240,198<br/>119,727<br/>69,222<br/>67,996<br/>65,296<br/>54,168<br/>27,234<br/>23,940<br/>11,648</td><td>297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         1003         60         253           1003         60         253         105         255         822         65         200           510         625         62         173         102         595         62         177           582         69         189         511         44         113         200         52         139           207         53         162         595         143         123         200         52         139           207         53         123         143         38         84         (OP: MØBUL)         143         28         74           143         28         74         153         27         77         93</td><td>*ES2TT<br/>*ES3BH<br/>*ES3BH<br/>*ES2DJ<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA1M<br/>UA10MS<br/>*R1MJ<br/>*RV100<br/>*R1CAA<br/>*UA1F<br/>*UA1A<br/>*UA1A<br/>*UA1A<br/>*UA1A<br/>*RV3D<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3UT<br/>RU5A</td><td>"<br/><b>7A</b><br/>"<br/><b>Eurc</b><br/>AA<br/>"<br/>7A<br/>"<br/>7A<br/>"<br/>7A<br/>"<br/>7A<br/>"<br/>"<br/>7A<br/>"<br/>"<br/>"<br/><b>1</b>.<br/>8A<br/>"<br/>"<br/>"<br/>"<br/>"</td><td>6,960<br/>945<br/>325,304<br/>11,830<br/>0pean Rus<br/>District 1<br/>522,466<br/>7,995<br/>93,532<br/>53,360<br/>57,974<br/>14,320<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District 3<br/>3,444,220<br/>3,061,762<br/>1,534,456<br/>1,070,172<br/>997,568<br/>331,008<br/>313,966<br/>293,196<br/>188,370<br/>179,280</td><td>(UP: E:<br/>48 2<br/>32 1<br/>1410 3<br/>115 1<br/>sia<br/>673 10<br/>55 2<br/>397 3<br/>241 3<br/>502 2<br/>127 1<br/>293 5<br/>107 3<br/>100 1<br/>1293 5<br/>107 3<br/>100 1<br/>139 1<br/>58<br/>3310 15<br/>3444 14<br/>1454 145<br/>1454 145<br/>1455 12<br/>502 9<br/>596 7<br/>425 8<br/>368 7</td><td>S7GW)         57         367           55         355         366         121           6         49         9         26           95         364         44         41           15         364         44         41           15         90         85         18           16         85         18         180           17         63         12         135           16         48         9         26           12         544         41         68           16         48         9         26           12         514         68         48           9         26         241         6444           18         296         259         77           18         434         88         296         259           17         379         82         246         259           18         259         77         241         30         23           103         217         3197         3197         3197</td><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6AT<br/>*RA6AT<br/>*RA6HG<br/>RG8G<br/>R9GM<br/>UA9FAR<br/>*RM8G<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>F<br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP</td><td>" " " " " " " " " " " " " " " " " " "</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/>District 9<br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/>Dpean Tur<br/>64,024<br/>2,418<br/>2,146<br/>roce Island<br/>100,842<br/>ep. of Ge<br/>5,508,594<br/>4,790,916<br/>3,919,095<br/>3,153,880</td><td>304<br/>149<br/>182<br/>103<br/>135<br/>23<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125</td><td>40         142           3         125           639         110           557         75           31         53           31         53          
31         53           31         53           31         84           47         96           24         79           30         99           28         96           92         120           13         26           6         31           20         78           65         537           0D2ML)         55           55         551           77         588           95         571</td></tr<>   
   | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>40,810</li> <li>ed Arab Em</li> <li>40</li> <li>430,810</li> <li>ed Arab Em</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPE</li> <li>Aland Island</li> <li>3,256,152</li> <li>Austria</li> <li>3,35,400</li> <li>2,098,270</li> </ul>   
   | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           nirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121         414
   
   | *LZ5B<br>*LZ5B<br>*LZ12P<br>*LZ12P<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y<br>9A5D<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3M<br>*9A7T  | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>28A<br>"<br>"<br>28A<br>"<br>3.5A<br>AA  
   | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,053<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A2VR)<br>1484 37 133<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A2BU)<br>846 34 117<br>(OP: 9A2BU)<br>846 34 117<br>(OP: 9A2BU)<br>753 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A3XU)<br>733 153 475<br>(OP: 9A5MF)<br>741 59 204   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4QWT<br>MØTDW<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØEAS   | <b>AA</b><br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u                               |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648   | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         1003         60         253           1003         60         253         105         255         822         65         200           510         625         62         173         102         595         62         177           582         69         189         511         44         113         200         52         139           207         53         162         595         143         123         200         52         139           207         53         123         143         38         84         (OP: MØBUL)         143         28         74           143         28         74         153         27         77         93   
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R1MJ<br>*RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1A<br>*UA1A<br>*UA1A<br>*RV3D<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3UT<br>RU5A  
  | "<br><b>7A</b><br>"<br><b>Eurc</b><br>AA<br>"<br>7A<br>"<br>7A<br>"<br>7A<br>"<br>7A<br>"<br>"<br>7A<br>"<br>"<br>"<br><b>1</b> .<br>8A<br>"<br>"<br>"<br>"<br>"  | 6,960<br>945<br>325,304<br>11,830<br>0pean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>3,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280  | (UP: E:<br>48 2<br>32 1<br>1410 3<br>115 1<br>sia<br>673 10<br>55 2<br>397 3<br>241 3<br>502 2<br>127 1<br>293 5<br>107 3<br>100 1<br>1293 5<br>107 3<br>100 1<br>139 1<br>58<br>3310 15<br>3444 14<br>1454 145<br>1454 145<br>1455 12<br>502 9<br>596 7<br>425 8<br>368 7   
   | S7GW)         57         367           55         355         366         121           6         49         9         26           95         364         44         41           15         364         44         41           15         90         85         18           16         85         18         180           17         63         12         135           16         48         9         26           12         544         41         68           16         48         9         26           12         514         68         48           9         26         241         6444           18         296         259         77           18         434         88         296         259           17         379         82         246         259           18         259         77         241         30         23           103         217         3197         3197         3197  
   | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RA6AT<br>*RA6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP   
   | " " " " " " " " " " " " " " " " " " "  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br>District 9<br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br>Dpean Tur<br>64,024<br>2,418<br>2,146<br>roce Island<br>100,842<br>ep. of Ge<br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880  | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125  | 40         142           3         125           639         110           557         75           31         53           31         53           31         53           31         53           31         84           47         96           24         79           30         99           28         96           92         120           13         26           6         31           20         78           65         537           0D2ML)         55           55         551           77         588           95         571   
   |
| E21YD<br>HS3NE<br>*HS8N<br>*E29Al<br>*HS4M<br>*E27El<br>*HS8J<br>*E27El<br>*HS8H<br>*A65/<br>DL2R<br>UK9A4<br>XV9DL<br>9M2TC<br>*OHØV<br>OE50I<br>OE5T><br>OE3G  | IAA         MG 28AA         IAA         MG 28AA         IAA   
   
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPEE</li> <li>Aland Islanc</li> <li>3,256,152</li> <li>Austria</li> <li>3,135,400</li> <li>2,098,270</li> <li>1,923,933</li> </ul>   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)   
       2740         120         368         3019         121         414           (OP: G3TXF)         2005         124         395         3128         143         395   
  | *LZ5B<br>*LZ5B<br>*LZ1ZP<br>*LZ3DJ<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y<br>9A5D<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A8M<br>*9A7T<br>*9A1DR<br>*9A2KI<br>*9A3MA  | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>28A<br>"<br>3.5A<br>AA<br>"       
  | 56,704<br>13,600<br><b>89,472</b><br><b>1,716</b><br><b>53,053</b><br><b>7,938</b><br><i>2,945</i><br><b>Croatia</b><br><b>1,593,515</b><br><b>1,051,050</b><br>816,462<br>225,412<br>112,572<br><b>648,200</b><br>517,820<br>265,760<br><b>220,593</b><br>60,888<br><b>267,159</b><br><b>982,820</b><br>335,588<br>243,040<br>128,081<br>109,048  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A7DX)<br>1484 37 138<br>(OP: 9A7DX)<br>1484 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A2RU)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A3XU)<br>773 153 475<br>(OP: 9A5MR)<br>741 59 204<br>605 57 191<br>317 62 201<br>323 69 113   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WLF<br>G4IZZ<br>G3SWH<br>G4DWT<br>M0DSL<br>M2A<br>M0WJE<br>G4RKO<br>G3YXX<br>G4SND<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0PAS<br>M0PNR<br>G6AD  | <b>AAA</b><br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u<br>u                              |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174   | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         105         255         62         173           1003         60         227         466         89         320         553         162         595         62         173         (OP: GØCRY)         595         87         177         582         69         189         511         44         123         200         52         153         162         595         512         123         123         124         38         84         (OP: MØBUL)         143         28         74         153         27         57         93         28         76         49         17         31         37         20         26         164         17         31         37         20         26         164  
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R11DX<br>RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1A<br>*UA1A<br>RL5A<br>RM5F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3UT<br>RU5A<br>R5GR<br>RM2E  
  | "<br><b>7A</b> "<br><b>Eurc</b><br>AA<br>3.5A<br>1.8A<br>4.3<br>.5A<br>1.8A<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.4<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>7.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>"<br>4.5<br>"<br>4.5<br>"<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>"<br>4.5<br>"<br>4.5<br>"<br>4.5<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"   | 6,960<br>945<br>325,304<br>11,830<br>Decan Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>997,568<br>313,068<br>21,762<br>1,534,456<br>1,070,172<br>997,568<br>313,966<br>188,370<br>179,280<br>179,280<br>144,102  | (UP: E:<br>48 22<br>32 1<br>1410 3<br>115 1<br>552 2<br>397 3<br>241 3<br>550 2<br>397 3<br>241 3<br>550 2<br>127 1<br>293 5<br>107 3<br>100 1<br>58<br>3310 15<br>3344 14<br>1392 10<br>1085 13<br>527 8<br>502 9<br>596 7<br>425 8<br>368 7<br>425 6<br>368 7<br>427 6   
   | S7GW)       57         55       355         55       355         36       121         6       49         95       364         44       41         35       99         364       441         35       99         360       85         121       135         362       135         362       135         362       524         41       6         48       296         362       524         363       137         379       38         38       236         39       26         30       235         317       379         38       236         39       26         30       237         241       3197         33       197         35       197         35       197   
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>*RN6AT<br>*RA6HC<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW  
   | " " " " " " " " " " " " " " " " " " "  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br>District 9<br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br>0pean Tur<br>64,024<br>2,418<br>2,146<br>roce Island<br>100,842<br>ep. of Ge<br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,820,436  | 304<br>149<br>182<br>103<br>135<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>12   | 40         142           3         125           63         125           63         15           73         53           16         15           31         84           47         96           24         79           144         61           73         249           14         61           30         99           28         96           92         120           13         26           6         31           20         78           65         551           77         588           69         571           555         551           77         588           59         574  
   |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29AI<br>*HS4M<br>*E27EI<br>*HS8H<br>*E27EI<br>*HS8H<br>*A65/<br>DL2R<br>UK9AA<br>XV9DL<br>9M2TC<br>*OHØV<br>OE5OI<br>OE5T><br>OE3G<br>OE1Th  | IAA         IAA           IN         AA           KB         "           HI         AA           HI         "   
   
    | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>4,560</li> <li>4,5745</li> <li>4,00</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPE</li> <li>Aland Island</li> <li>3,256,152</li> <li>Austria</li> <li>3,135,400</li> <li>2,098,270</li> <li>1,923,933</li> <li>184,860</li> </ul>  
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           birates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121         414           (OP: G3TXF)         2005      
  124         395         (OP: OE3KAB)         436         65         169  
  | *LZ5B<br>*LZ5B<br>*LZ12P<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A8M<br>*9A7T<br>*9A1DR<br>*9A4W<br>*9A7Y<br>*0A6D   | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>28A<br>"<br>"<br>28A<br>"<br>"<br>"<br>3.5A<br>AA<br>"<br>"   
  | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>6,120<br>2,772<br>109,048<br>6,120<br>2,772<br>109,048<br>6,120<br>2,774<br>109,048<br>6,120<br>2,772<br>109,048<br>6,120<br>2,772<br>109,048<br>6,120<br>2,772<br>109,048<br>6,120<br>2,772<br>109,048<br>6,120<br>2,772<br>109,048<br>6,120<br>2,772<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>1,772<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048<br>109,048   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A2VR)<br>1484 37 133<br>(OP: 9A2VR)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A3KU)<br>733 153 475<br>(OP: 9A5MR)<br>741 59 204<br>605 57 191<br>317 62 201<br>323 59 113<br>38 26 34<br>55 10 25  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4OWT<br>MØDSL<br>M2A<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØEAS<br>MØRNR<br>G6AD<br>MØXAC<br>G8X  | <b>AAA</b><br><b>A</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b>            |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,966<br>65,296<br>65,296<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,080<br>331,499  | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         1003         60         227           466         89         320         553         105         255           822         65         200         533         162           595         62         173         (OP: GØORY)           595         63         125         35         126           595         63         139         200         52         139           200         52         139         207         53         128           40         173         28         74         153         27         57           93         28         76         49         17         31         37         20         26         14   
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA1M<br>UA10MS<br>*R100<br>*R1CAA<br>*UA16<br>*UA1A<br>*UA1A<br>RM5F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3UT<br>RU5A<br>RS5GR<br>RM2E<br>RT5T<br>RA3BQ   
  | <b>Fan</b><br><b>7a</b><br><b>Curro</b><br><b>A</b> A<br><b>a</b><br><b>3.5A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.81.81.81.81.81.81.81.8</b>   | 6,960<br>945<br>325,304<br>11,830<br>Destrict 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>3,444,220<br>3,444,220<br>3,461,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>293,196<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280  | (UP: E)           48         2           32         1           1410         3           115         1           ssia         673           673         10           55         2           397         3           502         2           127         1           293         5           100         1           3344         14           144         144           139         1           58         3310           33444         14           1492         10           1085         13           502         8           502         8           502         8           502         8     
     368         7           425         8           202         6           274         8           292         6           242         6   | S7GW)       57       53         55       355       364         6       49       9       26         95       364       44       41         155       99       26       85         16       49       9       26         17       35       11       68         2       2       1135       86         16       489       26       443         17       379       29       296         190       255       197       231       197         179       155       197       120       124   
   | *RA6L<br>*RV6AJJ<br>*RJ6K<br>*RJ6K<br>*RA6HG<br>*R66HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK3QZ<br>DL3UB<br>DK3QZ<br>DL3UB<br>DK3QZ<br>DL3UB<br>DK3QZ<br>DL3UB<br>DK3QZ<br>DL3UB<br>DK3QZ<br>DL3UB  
   | " " " " " " " " " " " " " " " " " " "  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br>District 9<br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br>0pean Tur<br>64,024<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,418<br>2,428<br>2,428<br>2,428<br>2,428<br>2,429<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329<br>2,329 | 304<br>149<br>182<br>103<br>135<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>12   | 40         142           31         125           63         110           55         76           57         755           31         53           16         15           31         84           47         96           24         79           142         47           914         61           73         249           41         151           30         99           28         96           92         120           13         26           6         31           20         78           85         537           555         551           77         588           89         571           558         551           89         571           55         544           28         457           32      
  459           32         459   |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29AI<br>*HS8H<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>UK9AA<br>XV9DL<br>9M2TC<br>0E50O<br>0E5T<br>0E3G<br>0E1TH<br>0E2CO  | IAA         IAA           IAA         AA           IAA         IAA           IAA  
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li>
<li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPE</li> <li>Aland Islanc</li> <li>3,256,152</li> <li>Austria</li> <li>3,35,400</li> <li>2,098,270</li> <li>1,923,933</li> <li>184,860</li> <li>11,034</li> <li>1,188</li> </ul>   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121           3019         121         414         (OP: OE3KAB)         436         65         169           2005         124       
 395         (OP: OE3KAB)         436         65         169           261         66         140         36         22         32         32  
  | *LZ5B<br>*LZ5B<br>*LZ12P<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y<br>9A5D<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3M<br>*9A2KI<br>*9A1DR<br>*9A2KI<br>*9A3MA<br>*9A4W<br>*9A4W<br>*9A4W  | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>28A<br>"<br>28A<br>3.5A<br>AA<br>"<br>"<br>28A<br>4<br>"<br>"<br>28A<br>4<br>"<br>"<br>"<br>"  |
56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>60,704<br>19,044<br>6,120<br>2,772<br>60,704  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>1768 37 138<br>(OP: 9A2VR)<br>1768 37 138<br>(OP: 9A4VR)<br>1768 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>1484 37 133<br>(OP: 9A5DU)<br>1484 37 133<br>(OP: 9A5DU)<br>1484 37 133<br>(OP: 9A5DU)<br>1484 37 133<br>(OP: 9A5DU)<br>1485 36 31<br>(OP: 9A5DU)<br>149 32<br>159 32<br>107 30 32 9 89<br>1341 28 101<br>(OP: 9A5DU)<br>733 153 475<br>(OP: 9A5MF)<br>741 59 204<br>338 26 34<br>25 19 25<br>240 30 82<br>134 25 19 25<br>240 30 82   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4QWT<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØEAS<br>MØRNR<br>G6AD<br>MØXAC<br>G8X<br>G6AY   | <b>AA</b><br><b>A</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b>             | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,080<br>331,499<br>121,275                              
   | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: GJTBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         105         255         822         65         200           510         60         253         162         595         822         65         200           512         53         162         595         62         173         (OP: G3ORY)           595         87         177         582         69         189         511         44         153           509         52         139         305         31         123         200         52         139           207         53         123         27         57         33         28         76           49         17         31         37         20         26         49         17         31<  
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MS<br>*R1000<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1A<br>*UA1F<br>*UA1A<br>*UA1A<br>*UA1F<br>*UA1A<br>RL5A<br>RM35F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3UT<br>RU5A<br>R5GR<br>RM2E<br>RT5T<br>RA3BQ<br>R3CW<br>RQ3A   
  | "<br><b>7A</b><br>"<br><b>Eurc</b><br>AA<br>"<br>7A<br>"<br>3.5A<br>1.8A<br>AA<br>"<br>"<br>14A<br>1.8A<br>"<br>"<br>"  | 6,960<br>945<br>325,304<br>11,830<br>0pean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>3,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080  | (UP: E)           48         2           32         1           1410         3           115         1           sia         673           673         10           55         2           397         3           241         3           502         2           100         1           139         1           58         3           3310         15           3444         1454           1454         1444           1392         10           1085         13           527         8           502         9           596         7           425         8           274         8           242         6           242         6           242         6           242         6           242         6           242         6           242         6           242         6           242         6           242         6      245         7   
   | S7GW)       57       53         55       355       355         36       121       6         95       364       44         95       364       44         95       364       411         96       85       121         97       63       85         91       80       85         92       135       81         92       241       60         93       259       77         93       197       379         98       296       2259         93       197       33         197       120       125         105       188       164         107       120       125         108       197       120         125       125       128   
   | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RA6AT<br>*RA6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU  
   | " " " " " " " " " " " " " " " " " " "  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br>District 9<br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br>Dpean Tur<br>64,024<br>2,418<br>2,146<br>roce Island<br>100,842<br>ep. of Ge<br>5,508,594<br>4,790,916<br>3,153,880<br>3,026,432<br>2,820,436<br>2,337,996<br>2,337,996<br>2,337,996  | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125  | 40         142           3         125           63         110           55         76           57         755           31         53           16         15           371         53           16         15           331         84           47         96           424         79           142         47           914         61           73         249           41         30           99         28           92         120           133         26           631         31           20         78           85         537           752         544           28         457           32         459           33         403           544         509           28         457  |
| E21YD<br>HS3NE<br>*HS8N<br>*E29Al<br>*HS8N<br>*E29Al<br>*HS8N<br>*E27El<br>*HS8H<br>*A65/<br>DL2R<br>UK9AA<br>XV9DL<br>9M2TC<br>0E50I<br>0E517<br>0E3G<br>0E517<br>0E3G<br>0E517<br>0E3G   | IAA       IAA         MG 28AA       IAA         MG 28AA       IAA         IAA       IAA   
   
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPEE</li> <li>Aland Islanci</li> <li>3,256,152</li> <li>Austria</li> <li>3,135,400</li> <li>2,098,270</li> <li>1,923,933</li> <li>184,860</li> <li>111,034</li> <li>1,188</li> <li>7,380</li> <li>3,680</li> </ul>   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57          
sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121         414           (OP: OE3KAB)         436         65         169         261         66         140         36         23         316         316         317         36         37         100         6         34  
   | *LZ5B<br>*LZ5B<br>*LZ12P<br>*LZ12P<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y<br>9A5D<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A8M<br>*9A7T<br>*9A1DR<br>*9A2KI<br>*9A3MA<br>*9A3MA<br>*9A7Y<br>*9A6D<br>*9A7Z  
  | 28A<br>21A<br>14A<br>1.8A<br>"<br>28A<br>"<br>28A<br>3.5A<br>AA<br>"<br>"<br>28A<br>AA<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"  | 56,704<br>13,600<br><b>89,472</b><br><b>1,716</b><br><b>53,053</b><br><b>7,938</b><br><i>2,945</i><br><b>Croatia</b><br><b>1,593,515</b><br><b>1,051,050</b><br>816,462<br>225,412<br>112,572<br><b>648,200</b><br>517,820<br>265,760<br><b>220,593</b><br>60,888<br><b>267,159</b><br><b>982,820</b><br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br><b>60,704</b><br><b>13,623</b><br>10,553  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br><b>300 32 96</b><br><b>57 8 18</b><br><b>414 20 71</b><br><b>135 9 45</b><br><i>87 6 25</i><br><i>(OP: LZ2UW)</i><br><b>1985 98 287</b><br>984 148 402<br>1056 115 287<br>(OP: 942UW)<br><b>1768 37 138</b><br>(OP: 9A2VR)<br><b>1758 37 138</b><br>(OP: 9A2VR)<br><b>1758 37 138</b><br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A2DU)<br>846 34 117<br>(OP: 9A2BU)<br>775 32 107<br>303 29 89<br><b>1341 28 101</b><br>(OP: 9A3XU)<br>775 32 107<br>303 29 89<br><b>1341 28 101</b><br>(OP: 9A3XU)<br>773 153 475<br>(OP: 9A5MR)<br>741 59 204<br>605 57 191<br>317 62 201<br>323 59 113<br>38 26 34<br>25 19 25<br><b>240 30 82</b><br><b>198 13 44</b><br>146 14 47  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WLF<br>G4IZZ<br>G3SWH<br>G4DN<br>M0DSL<br>M2A<br>M0WJE<br>G4RKO<br>G3YXX<br>G4SND<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0PAS<br>M0PNR<br>G6AD<br>M0XAC<br>G8X<br>G6AY<br>G4KNO<br>G4LPD   | AA<br>A<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a        
                             | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>65,296<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,100  | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         105         257         373         (OP: GØCKP)           103         60         227         466         89         320         553         162         595         62         173         (OP: GØCRY)         595         87         177         582         69         189         200         53         123         1003         60         227           595         62         173         123         120         200         51         144         153         200         52         139         207         53         123         143         38         4         (OP: MØBUL)         143         22         757         93         28         76         49         17         31         37   
   | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10M<br>VA10MS<br>*R1DX<br>RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1F<br>*UA1A<br>RU5A<br>RM3DA<br>RC2A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RC3A<br>RM3DA<br>RC3A<br>RC3A<br>RC3A<br>RC3A<br>RC3A<br>RC3A<br>RC3A<br>RC3   
   | <b>Euro</b><br>AA<br>3.5A<br>1.8A<br>4.<br>14A<br>1.8A<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.  | 6,960<br>945<br>325,304<br>11,830<br>Decan Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>997,568<br>33,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>144,102<br>106,898<br>103,411<br>66,951<br>46,320<br>42,772<br>40,870  | (UP: E)           48         2           32         1           110         3           115         1           sia         673           673         10           55         2           397         3           241         3           502         2           127         1           293         5           100         1           139         1           58         3310           3310         15           3444         144           1454         14           1392         10           1085         13           527         8           368         7
          4451         6           274         8           292         6           242         6           242         6           242         6           244         204           3123         5   | S7GW)       57         55       355         55       355         364       44         45       99         44       41         45       99         44       41         45       99         46       48         90       85         121       66         48       22         41       66         48       226         52       5433         127       235         138       434         143       259         17       241         188       296         199       255         131       1797         132       164         165       128         155       120         155       120         155       120         155       120         155       120         155       120         155       120         155       120         155       120         155       120         155       120  
  | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DHØGHU<br>DF3VM<br>DL5GAC  
  | 14A<br>AA<br>7A<br>3.5A<br>AA<br>21A<br>3.5A<br>AA<br>21A<br>3.5A<br>Fa<br>28A<br>Fa<br>28A  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br>District 9<br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br>0pean Tur<br>64,024<br>2,418<br>2,146<br>roce Island<br>100,842<br>ep. of Ge<br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,820,436<br>2,337,996<br>2,337,996  | 304<br>149<br>182<br>103<br>135<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>12   | 40         142           3         125           63         120           55         76           57         75           31         53           16         15           31         84           47         96           24         79           142         47           624         79           143         123           24         79           14         151           30         99           28         96           92         120           13         26           6         31           20         78           65         537           500         544           20         78           65         537           500         544           20         78           65    
    537           50         544           24         509           32         450           33<  |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29AI<br>*HS8N<br>*E20X<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>UK9A4<br>XV9DL<br>9M2TC<br>9M2TC<br>0E5OI<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T  | IAA       IAA         IAA       AA         IAA       IAA         IAA       IA   
  | 586,440
          327,669           327,669           60,755           4,560           37,376           21,900           15,745           40           30,810           ed Arab Em           6688,288           Uzbekistar           427,893           Vietnam           63,130           Vest Malays           412,104           EUROPEE           Aland Island           3,3135,400           2,098,270           1,923,933           184,860           111,034           1,836,860           550,818  
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         32           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121         414           (OP: OE3KAB)         436         65         169         261         66        
140           36         237         100         634         1828         132         448           625         108         318         182         438         182  
  | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A8M<br>*9A7T<br>*9A1DR<br>*9A3MA<br>*9A4W<br>*9A7Y<br>*9A6D<br>*9A4BT<br>*9A3LG<br>*9A7Z  | "<br>28A<br>21A<br>14A<br>1.8A<br>"<br>"<br>28A<br>3.5A<br>AA<br>"<br>"<br>"<br>28A<br>7A<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"                         
                                      | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>60,704<br>13,623<br>10,553<br>ech Reput   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br><b>300 32 96</b><br><b>57 8 18</b><br><b>414 20 71</b><br><b>135 9 45</b><br><i>87 6 25</i><br>(OP: LZ2UW)<br><b>1985 98 287</b><br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br><b>1758 37 138</b><br>(OP: 9A2VR)<br><b>1484</b> 37 133<br>(OP: 9A2VR)<br><b>1484 37 138</b><br>(OP: 9A2VR)<br><b>1484 37 138</b><br>(OP: 9A2VR)<br><b>775 32 107</b><br><b>703 29 89</b><br><b>1341 28 101</b><br>(OP: 9A3XU)<br><b>733 153 475</b><br>(OP: 9A5MR)<br><b>741 59 204</b><br>605 57 19<br><b>240 30 82</b><br><b>198 13 44</b><br>146 14 47<br><b>Dic</b>   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4OWT<br>MØDDW<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØEAS<br>MØRNR<br>G6AD<br>MØXAC<br>G8X<br>G6AY<br>G4KNO<br>G4LPD<br>M2G   | AA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,100<br>562,485  | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         102         255         822         65         200           510         626         173         1003         60         227         466         89         320           553         105         255         62         200         812         53         162         595         62         103         100         812         31         123         200         52         139         200         52         139         200         52         139         200         52         139         200         52         139         200         52         139         200         52         139         200         52         139         200         52         134         133         7  
  |
*ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MS<br>*R100<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*   | <b>Fan</b><br><b>7A</b><br><b>7A</b><br><b>7A</b><br><b>3.5A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b>  | 6,960<br>945<br>325,304<br>11,830<br>Depen Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District
3<br>3,444,220<br>3,444,220<br>3,444,220<br>3,461,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>213,108<br>313,966<br>293,196<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,480<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,28   | (UP: E)           48         2           32         1           1410         3           115         1           sia         673           673         10           55         2           397         3           502         2           115         1           238         5           100         1           139         1           100         1           3344         14           1451         1           3344         14           139         1           58         3310           58         3310           596         7           425         8           368         7           451         6           265         4           242         6           265         4           242         6           265         4           242         6           265         4           274         2           94         4           274         4<   
  | S7GW)       57       35         35       354       49         95       364       44         121       6       49         15       364       44         14       41       15         15       364       44         14       59       90         16       80       7         17       37       79         12       115         15       493         107       379         12       164         18       2969         17       120         15       128         163       177         120       15         121       164         122       11         131       197         141       687         142       687         143       687         141       687         142       687   
  | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*UA9XX<br>*UA9XX<br>*UA9XX<br>*UA9XX<br>*UA9XX<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK3QZ<br>DL3UB<br>DK5QG<br>DL6NDW<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU<br>DF3VM<br>DL5GAC<br>DL1BUG<br>DL10W  | " " " " " " " " " " " " " " " " " " "  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br>District 9<br>25,883<br>77,868<br>22,070<br>008,798<br>86,784<br>22,575<br>22,072<br>000<br>64,024<br>2,418<br>2,146<br>roe Island<br>100,842<br>ep. of Ge<br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,820,436<br>2,337,996<br>2,337,996<br>2,333,192<br>2,284,698<br>2,337,996<br>2,333,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005  | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125   
  | 40         142           3         125           34         125           369         110           557         755           31         53           31         53           31         53           31         84           47         96           24         79           14         61           73         249           41         151           30         99           22         96           92         120           13         26           6         31           20         78           65         537           77         588           69         571           555         551           71         565           74         74           24         599           33         403           54         509           74         565           481         56           528         481           56         528           47         47                           |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29AI<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*UK9AA<br>*UK9AA<br>*UK9AA<br>*UK9AA<br>*UK9AA<br>*UK9AA<br>*UK9AA<br>*UK9AA<br>*UK9AA<br>*OE2C<br>*OH0V<br>OE5CI<br>OE5TI<br>OE3G<br>OE5TI<br>OE3G<br>OE6GI<br>OE6GI<br>OE6GI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>OE6CI<br>*OE2CI<br>*OE2CI<br>*OE6CI<br>*OE6CI<br>*OE6CI<br>*OE6CI  | IR 14A<br>NA<br>NA<br>NG 28A<br>MG 28A<br>MG 28A<br>MG 28A<br>MG 28A<br>MG 28A<br>MG 28A<br>NG  
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPE</li> <li>Austria</li> <li>3,135,400</li> <li>2,098,270</li> <li>1,923,933</li> <li>184,860</li> <li>11,034</li> <li>1,838</li> <li>A,3680</li> <li>1,836,860</li> <li>550,818</li> <li>310,750</li> </ul>  
   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121         414           (OP: OH6LI)         2005         124         395         (OP: OE3KAB)         436         65         169         261         66         140         36         232         163         8         37           100         63         8         37         100         6         14         625         108         318           (OP: OE2GEN)         614         67         208         <  
   
  | *LZ5B<br>*LZ5B<br>*LZ12P<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3M<br>*9A7T<br>*9A1DR<br>*9A2KI<br>*9A3MA<br>*9A4W<br>*9A4W<br>*9A4W<br>*9A7Y<br>*9A6D<br>*9A3LG<br>*9A7ZZ   | 28A<br>21A<br>14A<br>1.8A<br>28A<br>7A<br>3.5A<br>AA<br>4<br>28A<br>7A<br>28A<br>7A<br>28A<br>7A<br>28A<br>7A<br>28A<br>7A<br>28A<br>7A<br>28A<br>7A   |
56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>60,704<br>13,623<br>10,553<br>10,553<br>10,51,050<br>20,593<br>60,888<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>60,704<br>13,623<br>10,553<br>10,553<br>10,553<br>10,554<br>12,044<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>12,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>13,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,045<br>14,   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VU)<br>1758 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5UU)<br>733 153 475<br>(OP: 9A5WI)<br>741 59 204<br>005 57 191<br>317 62 201<br>323 59 113<br>826 34<br>25 19 25<br>240 30 82<br>198 13 44<br>146 14 47<br>Dic<br>3003 165 558<br>(OP: OKIDSZ)   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WLF<br>G4IZZ<br>G3SWH<br>G4DWT<br>M0DSL<br>M2A<br>M0WJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0PNR<br>G0B<br>G4CTY<br>G0EFO<br>M0PNR<br>G6AD<br>G4CTY<br>G0EFO<br>M0PNR<br>G6AY<br>G4KNO<br>G6AY<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O  | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,100<br>562,485   | 297 53 160<br>2538 145 503<br>2109 151 500<br>(OP: G4MKP)<br>1519 168 548<br>(OP: G3TBK)<br>1757 93 304<br>(OP: GØCKP)<br>1185 78 263<br>654 119 376<br>676 100 253<br>103 60 227<br>466 89 320<br>553 105 255<br>822 65 200<br>812 53 162<br>595 62 173<br>(OP: G3ORY)<br>595 87 177<br>582 69 189<br>511 44 115<br>359 43 123<br>200 52 139<br>207 53 123<br>194 38 84<br>(OP: MØBUL)<br>143 28 74<br>153 27 57<br>93 28 76<br>49 17 31<br>37 20 26<br>(OP: G4FJK)<br>321 34 113<br>140 26 57<br>156 36 129<br>(OP: G4RCG)<br>578 35 122<br>156 36 129<br>(OP: G4RCG)<br>578 35 129<br>1560 36 129<br>(OP: MØVKY)   
  |
*ES2TT<br>*ES3BH<br>*ES3BH<br>*ES3CN<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MS<br>*R1000<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1F<br>*UA1A<br>*UA1F<br>*UA1A<br>RL5A<br>RM5F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3             | <b>Eur</b><br>AA<br>AA<br>3.5A<br>1.8A<br>AA<br>1.8A<br>AA<br>4.<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4  | 6,960<br>945<br>325,304<br>11,830<br>0pean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District
3<br>3,444,220<br>3,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,290<br>179,290<br>179,290<br>179,290<br>179,290<br>179,290<br>179,290<br>19  | (UP: E)           48         2           32         1           1410         3           115         1           sia         673           673         10           55         2           397         3           502         2           127         1           2397         3           502         2           100         1           3310         15           3444         1454           1454         1444           1392         10           1005         1           527         8           502         9           527         8           527         8           204         6           242         6           242         6           242         6           242         6           242         6           242         6           242         6           242         6           243         5           94         4           283         <   
  | S7GW)       57       53         55       355       355         50       25       364         41       364       441         45       99       99         44       41       599         40       85       164         41       45       99         40       85       164         41       80       22         130       85       164         41       63       364         41       63       364         41       80       26         52       543       414         66       48       9         52       524       434         50       82       259         77       128       82         50       255       164         57       128       58         50       27       128         58       90       27         51       164       27         58       14       60         59       21       68         60       27       88         80       2   
  | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU<br>DF3VM<br>DL5QAC<br>DL1BUG<br>DL1QW<br>DJ9MH<br>DK4SB   | " " " " " " " " " " " " " " " " " " "  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dpean Tur</b><br>64,024<br>2,418<br>2,146<br><b>roce Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594<br>4,790,916<br>3,026,432<br>2,820,436<br>2,388,800<br>2,337,996<br>2,388,800<br>2,337,996<br>2,388,800<br>2,337,996<br>2,388,800<br>2,337,996<br>2,388,800<br>2,337,996<br>2,388,800<br>2,337,996<br>2,388,800<br>2,337,996<br>2,388,800<br>2,337,996<br>2,388,800<br>2,337,996<br>2,388,800<br>2,337,996<br>2,388,800<br>2,337,996<br>2,303,192<br>2,284,698<br>2,109,376<br>2,204,838<br>2,109,376<br>2,204,838<br>2,005,448,80<br>2,303,192<br>2,284,698<br>2,109,376<br>2,303,192<br>2,284,698<br>2,109,376<br>2,304,552<br>1,777,816<br>1,600,070   | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125   
  | 40         142           3         125           3         125           69         110           55         76           57         75           31         53           16         15           31         84           47         96           424         79           142         47           914         61           73         249           41         151           30         99           28         96           92         120           13         26           6         31           55         551           77         588           59         544           28         457           32         459           333         403           71         565           454         509           454         58           47         471           49         483           27         403  |
| E21YD<br>HS3NE<br>*HS8N<br>*E29Al<br>*HS8N<br>*E29Al<br>*HS8N<br>*E27El<br>*HS8H<br>*A65/<br>DL2R<br>UK9AA<br>XV9DL<br>9M2TC<br>9M2TC<br>0E5Ol<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>*0E2E<br>*0E4E<br>*0E2E  | IN AA<br>IN AAA<br>IN AA<br>IN AA<br>I  
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>4,560</li> <li>4,5745</li> <li>4,000</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPEE</li> <li>Aland Islance</li> <li>3,35,400</li> <li>2,098,270</li> <li>1,923,933</li> <li>184,860</li> <li>11,034</li> <li>1,188</li> <li>7,380</li> <li>3,680</li> <li>1,836,860</li> <li>550,818</li> <li>310,750</li> <li>32,809</li> <li>66,768</li> </ul>  
   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         53           144         19         53           143         11         36           5         5         5           196         21         57           birates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019           3128         143         490         (OP: OE3TXF)           2005         124         395         (OP: OE3TXF)           2005         124         395         26           163         8         37         100         6           41828         132         448         32         448           625         108         318         (OP:  
   
  | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A8M<br>*9A7Y<br>*9A1DR<br>*9A2KI<br>*9A3MA<br>*9A4W<br>*9A7Y<br>*9A6D<br>*9A4W<br>*9A7Y<br>*9A6D<br>*9A7ZZ<br>OLØW<br>OL7D  | 28A<br>21A<br>14A<br>14A<br>1.8A<br>"<br>28A<br>3.5A<br>AA<br>"<br>28A<br>7A<br>"<br>28A<br>7A<br>"<br>"<br>28A<br>7A<br>"<br>"<br>28A<br>28A<br>7A<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>"<br>" |
56,704<br>13,600<br><b>89,472</b><br><b>1,716</b><br><b>53,053</b><br><b>7,938</b><br><i>2,945</i><br><b>Croatia</b><br><b>1,593,515</b><br><b>1,051,050</b><br><b>816,462</b><br><b>225,412</b><br><b>112,572</b><br><b>648,200</b><br><b>517,820</b><br><b>265,760</b><br><b>220,593</b><br><b>60,888</b><br><b>267,159</b><br><b>982,820</b><br><b>335,588</b><br><b>243,040</b><br><b>128,081</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,818</b><br><b>109,853</b><br><b>109,853</b><br><b>109,853</b><br><b>109,853</b><br><b>109,853</b><br><b>109,853</b><br><b>109,853</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,855</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b><br><b>109,857</b>  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5U)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A3KU)<br>733 153 475<br>(OP: 9A5MR)<br>741 59 204<br>605 57 191<br>317 62 201<br>323 59 113<br>38 26 34<br>25 19 25<br>240 30 82<br>198 13 44<br>146 14 47<br>Dilc<br>3003 165 558<br>(OP: OK1DS2)<br>2810 129 424<br>(OP: OK1DG)  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WLF<br>G4IZZ<br>G3SWH<br>G4DNR<br>M0DSL<br>M2A<br>M0WJE<br>G4RKO<br>G3YXX<br>G4SND<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0PAS<br>M0RNR<br>G6AD<br>M0XAC<br>G8X<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A   | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,100<br>562,485<br>151,522<br>140,875   | 297         53         160           2538         145         503           2109         151         500           (OP: GAMKP)         1519         168         548           (OP: GJOEK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         1003         60         227           466         89         320         553         152         525         62         173           1003         60         227         466         89         320         553         162         595         62         173         (OP: GJORY)         595         87         177         582         69         189         200         52         139         207         53         123         1003         60         227         43         183         200         52         139         207         53         123         104         38         84         (OP: MØBUL)         143         28         74         137         20         26         45   
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MX<br>*RV1CC<br>R1DX<br>RA10MS<br>*R1DX<br>RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1A<br>RL5A<br>RM35F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RX3D<br>RX3D<br>RC2A<br>RX3AEX<br>RA3DNC<br>RX3D<br>RM3DA<br>RC2A<br>RX3DNC<br>RX3D<br>RM3DA<br>RC2A<br>RX3DNC<br>RX3D<br>RM3DA<br>RC2A<br>RX3DNC<br>RX3D<br>RM3DA<br>RC2A<br>RX3DNC<br>RX3D<br>RM3DA<br>RC2A<br>RX3DNC<br>RX3D<br>RX3D<br>RX3D<br>RX3D<br>RX3D<br>RX3D<br>RX3D<br>RX3D  
  | <b>Euro</b><br>AA<br>3.5A<br>1.8A<br>AA<br>1.8A<br>AA<br>1.8A<br>AA<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.   | 6,960<br>945<br>325,304<br>11,830<br>Dean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>3,444,220<br>3,444,220<br>3,444,220<br>3,444,220<br>3,444,220<br>3,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,080<br>144,102<br>106,898<br>103,411<br>66,951<br>46,320<br>42,772<br>40,870<br>29,866<br>3,525<br>2,808<br>1,940<br>5,75<br>2,808  | (UP: E)           48         2           32         1           1410         3           115         1           sia         673           673         10           55         2           397         3           502         2           127         1           2397         3           100         1           139         1           58         3           3310         15           3444         144           1454         14           1392         10           58         527           3310         15           5444         144           1085         13           527         8  
        502         9           545         7           4451         6           245         4           244         123           123         5           94         4           241         1           283         4           137         7  | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$   
   | *RA6L<br>*RV6AJJ<br>*UA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DHØGHU<br>DL5XJ<br>DHØGHU<br>DL5XJ<br>DHØGHU<br>DL5GAC<br>DL1BUG<br>DL1QW<br>DJ9MH<br>DK4SR<br>DL7UU  
   | 14A<br>AA<br>7A<br>3.5A<br>AA<br>21A<br>3.5A<br>AA<br>21A<br>3.5A<br>Fa<br>28A<br>Cecl. R<br>AA  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br>District 9<br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br>Dpean Tur<br>64,024<br>2,418<br>2,146<br>roce Island<br>100,842<br>ep. of Ge<br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,820,436<br>2,386,800<br>2,337,996<br>2,333,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,109,376<br>2,337,996<br>2,337,996<br>2,333,192<br>2,284,698<br>2,109,376<br>2,337,996<br>2,333,192<br>2,284,698<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,4888<br>2,005,4 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304<br>149<br>182<br>103<br>135<br>125<br>125<br>109<br>578<br>289<br>455<br>191<br>146<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br>1617<br>162<br>2680<br>17<br>1617<br>162<br>2680<br>17<br>1617<br>162<br>2680<br>17<br>1617<br>162<br>1617<br>162<br>164<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>162<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>162<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>1617<br>155<br>164<br>164<br>155<br>164<br>164<br>155<br>164<br>164<br>155<br>164<br>164<br>155<br>164<br>164<br>155<br>164<br>155<br>164<br>155<br>164<br>155<br>157<br>164<br>155<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>157<br>164<br>164<br>164<br>164<br>164<br>164<br>164<br>164  | 40         142           31         125           31         31           31         53           357         755           31         53           31         53           31         84           47         96           24         79           142         47           92         78           92         120           13         26           6         31           20         78           92         120           75         588           65         537           555         551           77         588           65         571           555         551           77         588           65         571           555         551           71         565           551         551           755  
      544           28         367           55         544           28         387           29         367  |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29AI<br>*HS8N<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*CH20<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H | IAA       IAA         IAA       AA         IAA       AA         IAA       IAA   
  | 327,669
          327,669           60,755           4,560           37,376           21,900           30,810           ad Arab Em           4           4           30,810           ad Arab Em           4           688,288           Uzbekistar           427,893           Vietnam           63,130           Vest Malays           412,104           EUROPEE           Aland Island           3,3135,400           2,098,270           1,923,933           184,860           111,034           1,836,860           550,818           310,750           32,809           66,768           alearic Islar   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121           3019         121         414         (OP: OE3KAB)       
 436         65         169           261         66         140         36         37         100         6         44           1828         132         448         625         108         318         (OP: OE2GEN))         614         67         33         350         26         81         14         35         350         26  
  | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>*9A7Y<br>*9A1DR<br>*9A4W<br>*9A7Y<br>*9A6D<br>*9A4BT<br>*9A3KG<br>*9A7ZZ<br>OL2W<br>OL7D<br>OK1VK<br>OK2QA   | " 28A 21A 14A 21A 1.8A " 28A 4 " 28A 7 4 3.5A AA 4 28A 7 4 Cz AA 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4  
                                    | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,053<br>1,051,053<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>60,704<br>13,623<br>10,553<br>ech Reput<br>4,275,822<br>2,593,570<br>2,276,520<br>1,185,121   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br><b>300 32 96</b><br><b>57 8 18</b><br><b>414 20 71</b><br><b>135 9 45</b><br><i>87 6 25</i><br><i>(OP: LZ2UW)</i><br><b>1985 98 287</b><br><b>984 148 402</b><br><b>1056 115 287</b><br>(OP: W2HUV)<br><b>1768 37 138</b><br><b>(OP: 9A7UX)</b><br><b>1758 37 138</b><br><b>(OP: 9A7UX)</b><br><b>1484 37 133</b><br><b>(OP: 9A7UX)</b><br><b>1484 37 133</b><br><b>(OP: 9A7UX)</b><br><b>1484 37 133</b><br><b>(OP: 9A7UX)</b><br><b>1484 37 133</b><br><b>(OP: 9A5U)</b><br><b>846 34 117</b><br><b>(OP: 9A2UR)</b><br><b>75 32 107</b><br><b>303 29 89</b><br><b>1341 28 101</b><br><b>(OP: 9A3XU)</b><br><b>733 153 475</b><br><b>(OP: 9A5U)</b><br><b>741 59 204</b><br><b>605 57 191</b><br><b>317 62 201</b><br><b>323 59 113</b><br><b>38 26 34</b><br><b>146 14 47</b><br><b>571 191</b><br><b>3003 165 5588</b><br><b>(OP: OK1DSZ)</b><br><b>2810 129 424</b><br><b>(OP: OK1DSZ)</b><br><b>3013 155 558</b><br><b>3013 151 471</b><br><b>3014</b><br><b>3015 151 471</b><br><b>3015 151 471</b><br><b>3016 5558</b><br><b>3017 153 151 471</b><br><b>3017 153 281</b><br><b>3017 153 281</b><br><b>3017 155 </b> | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4QWT<br>G4ZZ<br>G3SWH<br>G4QWT<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØEAS<br>MØRNR<br>G6AD<br>MØZAC<br>G8X<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A<br>G3PJT<br>G1GEY  | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,038<br>14,100<br>562,485<br>151,522<br>140,875<br>95,200<br>92,988  
   | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: GJTBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         230         553         105         255           1014         80         227         57         1003         60         227           466         89         320         553         105         255         822         65         200           510         626         173         (OP: G3ORY)         595         62         173           595         62         173         109         52         159         123         194         38         84           (OP: GMOBUL)         143         28         74         153         27         79         32         87           123         154         138         84         (OP: G4FJK)         324         141         137         20         26         57         108         182         137         20 <td< td=""><td>*ES2TT<br/>*ES3BH<br/>*ES3BH<br/>*ES2DJ<br/>*ES2DJ<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10MS<br/>*R100<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*R1000<br/>*</td><td><b>Fan</b><br/><b>7A</b><br/><b>7A</b><br/><b>7A</b><br/><b>7A</b><br/><b>3.5A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>4.</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>4.</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>4.</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b>1.8A</b><br/><b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Rus<br/>District 1<br/>522,466<br/>7,995<br/>93,532<br/>53,360<br/>57,974<br/>14,320<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District
3<br/>3,444,220<br/>3,061,762<br/>1,534,456<br/>1,070,172<br/>997,568<br/>331,008<br/>313,966<br/>293,196<br/>188,370<br/>179,080<br/>179,080<br/>144,102<br/>106,898<br/>103,411<br/>66,951<br/>46,320<br/>42,772<br/>40,870<br/>29,866<br/>3,525<br/>2,808<br/>1,940<br/>575<br/>2,40<br/>195<br/>2,40<br/>195<br/>2,40<br/>195<br/>2,40<br/>195<br/>2,40<br/>195<br/>2,51<br/>2,51<br/>2,51<br/>2,51<br/>2,51<br/>2,51<br/>2,51<br/>2,5</td><td>(0F:E)           48         2           32         1           1410         3           115         1           sia         673           673         10           552         2           107         3           502         2           117         1           2397         3           241         3           502         2           100         1           139         1           100         1           58         3           3310         15           3444         1454           14454         144           1392         10           502         9           5965         8           368         7           451         6           2422         6           2424         6           2424         6           2424         13           123         5           944         13           123         4           7         2           244</td><td>S7GW)       57         55       355         35       255         35       255         364       49         9       25         9       26         10       85         11       681         12       135         13       2135         14       684         15       364         14       135         12       135         12       135         12       135         12       135         12       141         6       488         9       26         12       541         13       197         14       259         15       128         12       148         13       197         15       128         12       168         21       188         22       168         21       188         26       2         21       188         26       2         21       188         21</td><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RJ6K<br/>*RN6AT<br/>*RA6HG<br/>RG8G<br/>R9GM<br/>UA9FAR<br/>*RM8G<br/>*UA9XL<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>F<br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DF6QV<br/>DL1NKS<br/>DHØGHU<br/>DF3VM<br/>DL5GAC<br/>DL1QW<br/>DJ9MH<br/>DK3GG<br/>DL1QW<br/>DJ9MH<br/>DL5JS<br/>DL8WEM<br/>DL7QU<br/>DL5JS<br/>DL5JS<br/>DL5JS<br/>DL5JS<br/>DL5JS</td><td>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Dean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>roce Island</b><br/>100,842<br/><b>ep. of Ge</b><br/>5,508,594<br/>4,790,916<br/>3,919,095<br/>3,153,880<br/>3,026,432<br/>2,386,800<br/>2,337,996<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,4888<br/>2,005,488<br/>2,005,488<br/>2,005,488</td><td>304<br/>149<br/>149<br/>132<br/>103<br/>135<br/>23<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125</td><td>40         142           3         125           3         142           3         142           3         142           3         142           3         142           3         142           3         145           3         16           15         76           57         75           31         53           31         84           47         96           24         79           41         151           30         99           92         120           13         26           6         31           80         5710           55         551           77         588           69         5710           550         544           28         457           322         459           333         403           54         509           571         565           56         528           487         322           333         403</td></td<> | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MS<br>*R100<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>*R1000<br>* 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<b>Fan</b><br><b>7A</b><br><b>7A</b><br><b>7A</b><br><b>7A</b><br><b>3.5A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>4.</b><br><b>1.8A</b><br><b>1.8A</b><br><b>4.</b><br><b>1.8A</b><br><b>1.8A</b><br><b>4.</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A</b><br><b>1.8A1.8A</b><br><b>1.8A1.8A1.8A1.8A1.8A1.8A1.8A1.8</b>  | 6,960<br>945<br>325,304<br>11,830<br>pean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>3,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,080<br>179,080<br>144,102<br>106,898<br>103,411<br>66,951<br>46,320<br>42,772<br>40,870<br>29,866<br>3,525<br>2,808<br>1,940<br>575<br>2,40<br>195<br>2,40<br>195<br>2,40<br>195<br>2,40<br>195<br>2,40<br>195<br>2,51<br>2,51<br>2,51<br>2,51<br>2,51<br>2,51<br>2,51<br>2,5   | (0F:E)           48         2           32         1           1410         3           115         1           sia         673           673         10           552         2           107         3           502         2           117         1           2397         3           241         3           502         2           100         1           139         1           100         1           58         3           3310         15           3444         1454           14454         144           1392         10           502         9           5965         8           368         7           451         6           2422         6           2424         6           2424         6           2424         13           123         5           944         13           123         4           7         2           244  
   | S7GW)       57         55       355         35       255         35       255         364       49         9       25         9       26         10       85         11       681         12       135         13       2135         14       684         15       364         14       135         12       135         12       135         12       135         12       135         12       141         6       488         9       26         12       541         13       197         14       259         15       128         12       148         13       197         15       128         12       168         21       188         22       168         21       188         26       2         21       188         26       2         21       188         21   
   | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU<br>DF3VM<br>DL5GAC<br>DL1QW<br>DJ9MH<br>DK3GG<br>DL1QW<br>DJ9MH<br>DL5JS<br>DL8WEM<br>DL7QU<br>DL5JS<br>DL5JS<br>DL5JS<br>DL5JS<br>DL5JS  
   | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4   | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dean Tur</b><br>64,024<br>2,418<br>2,146<br><b>roce Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,386,800<br>2,337,996<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,4888<br>2,005,488<br>2,005,488<br>2,005,488   | 304<br>149<br>149<br>132<br>103<br>135<br>23<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125   | 40         142           3         125           3         142           3         142           3         142           3         142           3         142           3         142           3         145           3         16           15         76           57         75           31         53           31         84           47         96           24         79           41         151           30         99           92         120           13         26           6         31           80         5710           55         551           77         588           69         5710           550         544           28         457           322         459           333         403           54         509           571         565           56         528           487         322           333         403                           |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29Al<br>*HS8N<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E27E<br>UK9AA<br>V9DL<br>9M2TC<br>9M2TC<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI  | Image: Non-State       Image: Non-State <td< td=""><td><ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPEE</li> <li>Austria</li> <li>3,135,400</li> <li>2,098,270</li> <li>1,923,933</li> <li>184,860</li> <li>11,034</li> <li>1,836,860</li> <li>550,818</li> <li>310,750</li> <li>32,809</li> <li>66,768</li> <li>alearic Islar</li> <li>364,581</li> <li>364,581</li> </ul></td><td>897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368           3019         121         414           (OP: OH6LI)         23           261         66         140           36         23         31           9261         66         140           36         23         31           9261         66         140           362         32         318           (OP: OE3KAB)         318           (OP: OE2GEN)         614</td></td<> <td>*LZ5B<br/>*LZ5B<br/>*LZ12P<br/>*LZ3DJ<br/>*LZ2MP<br/>*LZ7R<br/>*LZ6C<br/>9A3YT<br/>9A5RTW<br/>9A5AET<br/>9A4BA<br/>9A1KDE<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A2U<br/>9A3K<br/>9A1CFR<br/>9A3K<br/>9A1CFR<br/>9A3K<br/>*9A7T<br/>*9A1DR<br/>*9A2KI<br/>*9A3MA<br/>*9A7T<br/>*9A6D<br/>*9A4W<br/>*9A7Y<br/>*9A6D<br/>*9A7ZZ<br/>OLØW<br/>OL7D<br/>OK1VK<br/>OK2QA<br/>OL6P</td> <td>а<br/>28А<br/>21А<br/>14А<br/>1.8А<br/>а<br/>а<br/>28А<br/>а<br/>28А<br/>а<br/>3.5А<br/>АА<br/>а<br/>а<br/>а<br/>28А<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а</td> <td>56,704<br/>13,600<br/>89,472<br/>1,716<br/>53,053<br/>7,938<br/>2,945<br/>Croatia<br/>1,593,515<br/>1,051,050<br/>816,462<br/>225,412<br/>112,572<br/>648,200<br/>517,820<br/>265,760<br/>220,593<br/>60,888<br/>267,159<br/>982,820<br/>335,588<br/>243,040<br/>128,081<br/>109,048<br/>6,120<br/>2,772<br/>60,704<br/>13,623<br/>10,553<br/>60,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>10,553<br/>80,704<br/>13,623<br/>12,553<br/>12,555<br/>12,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>12,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>13,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555<br/>14,555</td> <td>351 27 101<br/>(OP: LZ7DP)<br/>99 31 49<br/>300 32 96<br/>57 8 18<br/>414 20 71<br/>135 9 45<br/>87 6 25<br/>(OP: LZ2UW)<br/>1985 98 287<br/>984 148 402<br/>1056 115 287<br/>(OP: W2HUV)<br/>584 50 64 95<br/>(OP: 9A2HUV)<br/>1758 37 138<br/>(OP: 9A5DU)<br/>846 34 117<br/>(OP: 9A2R)<br/>1484 37 133<br/>(OP: 9A5DU)<br/>846 34 117<br/>(OP: 9A5DU)<br/>846 34 117<br/>(OP: 9A2R)<br/>775 32 107<br/>303 29 89<br/>1341 28 101<br/>(OP: 9A5MU)<br/>775 32 107<br/>303 29 89<br/>1341 28 101<br/>(OP: 9A5MU)<br/>741 59 204<br/>605 57 191<br/>317 62 201<br/>323 59 113<br/>38 26 34<br/>25 19 25<br/>240 30 82<br/>198 13 44<br/>146 14 47<br/>Olic<br/>3003 165 558<br/>(OP: OK1DS)<br/>2810 129 424<br/>(OP: OK1DG)<br/>1833 151 471<br/>1487 105 328<br/>184 108 362<br/>(OP: OK2PP)</td> <td>G4IIY<br/>G6T<br/>M7W<br/>M1X<br/>G3VMW<br/>G4AMT<br/>G0BNR<br/>M0WLF<br/>G4IZZ<br/>G3SWH<br/>G4DNT<br/>M0DSL<br/>M2A<br/>M0WJE<br/>G4WFQ<br/>G4RKO<br/>G3YXX<br/>G4SND<br/>M0NGN<br/>G0B<br/>G4CTY<br/>G0EFO<br/>M0EAS<br/>M0NGNG<br/>G0B<br/>G4CTY<br/>G0EFO<br/>M0AAC<br/>G8X<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G4LPD<br/>M2G<br/>M7O<br/>M8A<br/>G3PJT<br/>G1GEY<br/>G3YJQ<br/>M5W</td> <td>AAA<br/>AA<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a</td> <td>81,579<br/>England<br/>3,179,736<br/>2,691,234<br/>2,290,484<br/>1,368,459<br/>817,036<br/>6703,716<br/>650,925<br/>565,153<br/>550,460<br/>393,840<br/>391,935<br/>353,890<br/>348,975<br/>341,880<br/>240,198<br/>119,727<br/>69,222<br/>67,996<br/>65,296<br/>65,296<br/>65,296<br/>65,296<br/>54,168<br/>27,234<br/>23,174<br/>3,080<br/>331,499<br/>121,275<br/>32,038<br/>14,100<br/>562,485<br/>151,522<br/>140,875<br/>95,200<br/>92,988</td> <td>297         53         160           2538         145         503           2109         151         500           (OP: GAMKP)         1519         168         548           (OP: GJTBK)         1757         93  
      304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         257         466         89         320           533         105         255         822         65         200         812         53         162           595         62         173         1003         60         227         466         89         320           553         105         255         62         177         582         69         189           514         43         123         1007         53         123         100         52         153           50         62         177         582         69         189         113         123         200         52         139         123         100         143         123         200         53         <t< td=""><td>*ES2TT<br/>*ES3BH<br/>*ES3BH<br/>*ES2DJ<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10M<br/>VA10MS<br/>*R100<br/>*R1CAA<br/>*UA1F<br/>*UA1A<br/>*UA1A<br/>*UA1F<br/>*UA1A<br/>RL5A<br/>RM5F<br/>RN3BL<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3</td><td><b>Euro</b><br/>AA<br/>AA<br/>3.5A<br/>1.8A<br/>AA<br/>1.8A<br/>AA<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a</td><td>6,960<br/>945<br/>325,304<br/>11,830<br/>District 1<br/>522,466<br/>7,995<br/>93,532<br/>53,360<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District 3<br/>3,444,220<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District 3<br/>3,444,220<br/>3,061,762<br/>1,534,456<br/>1,070,172<br/>997,568<br/>331,008<br/>313,966<br/>293,196<br/>188,370<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>144,102<br/>106,898<br/>103,411<br/>66,951<br/>46,320<br/>42,772<br/>40,870<br/>29,866<br/>3,525<br/>2,808<br/>1,940<br/>575<br/>57<br/>2,4364</td><td>(UP: E)           48         2           32         1           1410         3           115         1           sia         673           673         10           55         2           397         3           241         3           502         2           100         1           139         1           100         1           103         1           58         3310           3310         15           3444         14           1392         10           1085         13           527         8           526         7           425         8           244         132           103         1           527         8           68         7           425         8           2426         6           2426         4           13         1           7         2           283         4           13         1           7         2<!--</td--><td>S7G       357         55       355         55       255         35       255         35       255         364       44         45       99         364       441         45       99         364       411         45       99         364       413         92       135         12       135         12       135         12       148         26       483         17       379         18       296         22       121         18       296         23       197         190       235         197       128         10       27         128       216         120       25         121       138         120       25         121       138         120       27         121       138         120       216         121       138         122       121         123       121</td><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6AT<br/>*RA6AT<br/>*RA6HG<br/>RG8G<br/>R9GM<br/>UA9FAR<br/>*RM8G<br/>*UA9XX<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>F<br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ</td><td>" " " " " " " " " " " " " " " " " " "</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Opean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>roce Island</b><br/>100,842<br/><b>ep. of Ge</b><br/>5,508,594<br/>4,790,916<br/>2,388,00<br/>3,026,432<br/>2,820,436<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,048,898<br/>2,005,488<br/>1,893,552<br/>1,777,816<br/>1,600,070<br/>1,588,260<br/>1,291,424<br/>1,270,692<br/>1,253,259</td><td>304<br/>149<br/>182<br/>103<br/>135<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>12</td><td>40         142           43         125           63         125           63         15           57         75           53         53           16         15           31         84           47         96           24         79           24         79           24         79           14         151           30         99           28         96           92         120           13         26           6         31           20         78           65         551           55         551           55         551           55         551           55         551           56         571           56         528           457         324           459         324           59         544           59         544           59         544           50         571           56         528           47         471</td></td></t<></td> | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPEE</li> <li>Austria</li> <li>3,135,400</li> <li>2,098,270</li> <li>1,923,933</li> <li>184,860</li> <li>11,034</li> <li>1,836,860</li> <li>550,818</li> <li>310,750</li> <li>32,809</li> <li>66,768</li> <li>alearic Islar</li> <li>364,581</li> <li>364,581</li> </ul>   
   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368           3019         121         414           (OP: OH6LI)         23           261         66         140           36         23         31           9261         66         140           36         23         31           9261         66         140           362         32         318           (OP: OE3KAB)         318           (OP: OE2GEN)         614  
   
  | *LZ5B<br>*LZ5B<br>*LZ12P<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>*9A7T<br>*9A1DR<br>*9A2KI<br>*9A3MA<br>*9A7T<br>*9A6D<br>*9A4W<br>*9A7Y<br>*9A6D<br>*9A7ZZ<br>OLØW<br>OL7D<br>OK1VK<br>OK2QA<br>OL6P   | а<br>28А<br>21А<br>14А<br>1.8А<br>а<br>а<br>28А<br>а<br>28А<br>а<br>3.5А<br>АА<br>а<br>а<br>а<br>28А<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а  |
56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>60,704<br>13,623<br>10,553<br>60,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>12,553<br>12,555<br>12,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>12,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>13,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555<br>14,555  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 64 95<br>(OP: 9A2HUV)<br>1758 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A2R)<br>1484 37 133<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A2R)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A5MU)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A5MU)<br>741 59 204<br>605 57 191<br>317 62 201<br>323 59 113<br>38 26 34<br>25 19 25<br>240 30 82<br>198 13 44<br>146 14 47<br>Olic<br>3003 165 558<br>(OP: OK1DS)<br>2810 129 424<br>(OP: OK1DG)<br>1833 151 471<br>1487 105 328<br>184 108 362<br>(OP: OK2PP)  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WLF<br>G4IZZ<br>G3SWH<br>G4DNT<br>M0DSL<br>M2A<br>M0WJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0EAS<br>M0NGNG<br>G0B<br>G4CTY<br>G0EFO<br>M0AAC<br>G8X<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5W   | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>6703,716<br>650,925<br>565,153<br>550,460<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>65,296<br>65,296<br>65,296<br>54,168<br>27,234<br>23,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,100<br>562,485<br>151,522<br>140,875<br>95,200<br>92,988  
  | 297         53         160           2538         145         503           2109         151         500           (OP: GAMKP)         1519         168         548           (OP: GJTBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         257         466         89         320           533         105         255         822         65         200         812         53         162           595         62         173         1003         60         227         466         89         320           553         105         255         62         177         582         69         189           514         43         123         1007         53         123         100         52         153           50         62         177         582         69         189         113         123         200         52         139         123         100         143         123         200         53 <t< td=""><td>*ES2TT<br/>*ES3BH<br/>*ES3BH<br/>*ES2DJ<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10M<br/>VA10MS<br/>*R100<br/>*R1CAA<br/>*UA1F<br/>*UA1A<br/>*UA1A<br/>*UA1F<br/>*UA1A<br/>RL5A<br/>RM5F<br/>RN3BL<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RX3EX<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3</td><td><b>Euro</b><br/>AA<br/>AA<br/>3.5A<br/>1.8A<br/>AA<br/>1.8A<br/>AA<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a</td><td>6,960<br/>945<br/>325,304<br/>11,830<br/>District 1<br/>522,466<br/>7,995<br/>93,532<br/>53,360<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District 3<br/>3,444,220<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District 3<br/>3,444,220<br/>3,061,762<br/>1,534,456<br/>1,070,172<br/>997,568<br/>331,008<br/>313,966<br/>293,196<br/>188,370<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>144,102<br/>106,898<br/>103,411<br/>66,951<br/>46,320<br/>42,772<br/>40,870<br/>29,866<br/>3,525<br/>2,808<br/>1,940<br/>575<br/>57<br/>2,4364</td><td>(UP: E)           48         2           32         1           1410         3           115         1           sia         673           673         10           55         2           397         3           241         3           502         2           100         1           139         1           100         1           103         1           58         3310           3310         15           3444         14           1392         10           1085         13           527         8           526         7           425         8           244         132           103         1           527         8           68         7           425         8           2426         6           2426         4           13         1           7         2           283         4           13         1           7         2<!--</td--><td>S7G       357         55       355         55       255         35       255         35       255         364       44         45       99         364       441         45       99         364       411         45       99         364       413         92       135         12       135         12       135         12       148         26       483         17       379         18       296         22       121         18       296         23       197         190       235         197       128         10       27         128       216         120       25         121       138         120       25         121       138         120       27         121       138         120       216         121       138         122       121         123      
121</td><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6AT<br/>*RA6AT<br/>*RA6HG<br/>RG8G<br/>R9GM<br/>UA9FAR<br/>*RM8G<br/>*UA9XX<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>F<br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ</td><td>" " " " " " " " " " " " " " " " " " "</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Opean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>roce Island</b><br/>100,842<br/><b>ep. of Ge</b><br/>5,508,594<br/>4,790,916<br/>2,388,00<br/>3,026,432<br/>2,820,436<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,048,898<br/>2,005,488<br/>1,893,552<br/>1,777,816<br/>1,600,070<br/>1,588,260<br/>1,291,424<br/>1,270,692<br/>1,253,259</td><td>304<br/>149<br/>182<br/>103<br/>135<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>12</td><td>40         142           43         125           63         125           63         15           57         75           53         53           16         15           31         84           47         96           24         79           24         79           24         79           14         151           30         99           28         96           92         120           13         26           6         31           20         78           65         551           55         551           55         551           55         551           55         551           56         571           56         528           457         324           459         324           59         544           59         544           59         544           50         571           56         528           47         471</td></td></t<>   |
*ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10M<br>VA10MS<br>*R100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1A<br>*UA1F<br>*UA1A<br>RL5A<br>RM5F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RX3EX<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3             | <b>Euro</b><br>AA<br>AA<br>3.5A<br>1.8A<br>AA<br>1.8A<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a  | 6,960<br>945<br>325,304<br>11,830<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>3,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>144,102<br>106,898<br>103,411<br>66,951<br>46,320<br>42,772<br>40,870<br>29,866<br>3,525<br>2,808<br>1,940<br>575<br>57<br>2,4364   
  | (UP: E)           48         2           32         1           1410         3           115         1           sia         673           673         10           55         2           397         3           241         3           502         2           100         1           139         1           100         1           103         1           58         3310           3310         15           3444         14           1392         10           1085         13           527         8           526         7           425         8           244         132           103         1           527         8           68         7           425         8           2426         6           2426         4           13         1           7         2           283         4           13         1           7         2 </td <td>S7G       357         55       355         55       255         35       255         35       255         364       44         45       99         364       441         45       99         364       411         45       99         364       413         92       135         12       135         12       135         12       148         26       483         17       379         18       296         22       121         18       296         23       197         190       235         197       128         10       27         128       216         120       25         121       138         120       25         121       138         120       27         121       138         120       216         121       138         122       121         123       121</td> <td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6AT<br/>*RA6AT<br/>*RA6HG<br/>RG8G<br/>R9GM<br/>UA9FAR<br/>*RM8G<br/>*UA9XX<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>F<br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ</td> <td>" " " " " " " " " " " " " " " " " " "</td> <td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Opean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>roce Island</b><br/>100,842<br/><b>ep. of Ge</b><br/>5,508,594<br/>4,790,916<br/>2,388,00<br/>3,026,432<br/>2,820,436<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,048,898<br/>2,005,488<br/>1,893,552<br/>1,777,816<br/>1,600,070<br/>1,588,260<br/>1,291,424<br/>1,270,692<br/>1,253,259</td> <td>304<br/>149<br/>182<br/>103<br/>135<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>12</td> <td>40         142           43         125           63         125           63         15           57         75           53         53           16         15           31         84           47         96           24         79           24         79           24         79           14         151           30         99           28         96           92         120           13         26           6         31           20         78           65         551           55         551           55         551           55         551           55         551           56         571           56         528           457         324           459         324           59         544           59         544           59         544           50         571           56         528           47         471</td>  
   | S7G       357         55       355         55       255         35       255         35       255         364       44         45       99         364       441         45       99         364       411         45       99         364       413         92       135         12       135         12       135         12       148         26       483         17       379         18       296         22       121         18       296         23       197         190       235         197       128         10       27         128       216         120       25         121       138         120       25         121       138         120       27         121       138         120       216         121       138         122       121         123       121   
   | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RA6AT<br>*RA6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ  | " " " " " " " " " " " " " " " " " " "  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Opean Tur</b><br>64,024<br>2,418<br>2,146<br><b>roce Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594<br>4,790,916<br>2,388,00<br>3,026,432<br>2,820,436<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,109,376<br>2,048,898<br>2,005,488<br>1,893,552<br>1,777,816<br>1,600,070<br>1,588,260<br>1,291,424<br>1,270,692<br>1,253,259  | 304<br>149<br>182<br>103<br>135<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>12   
   | 40         142           43         125           63         125           63         15           57         75           53         53           16         15           31         84           47         96           24         79           24         79           24         79           14         151           30         99           28         96           92         120           13         26           6         31           20         78           65         551           55         551           55         551           55         551           55         551           56         571           56         528           457         324           459         324           59         544           59         544           59         544           50         571           56         528           47         471                            |
| E21YD<br>HS3NE<br>*HS8N<br>*E29AI<br>*HS8N<br>*E29AI<br>*HS8N<br>*E27EI<br>*HS8H<br>*A65/<br>DL2R<br>UK9AA<br>XV9DL<br>9M2TC<br>0E50I<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5T<br>0E3C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5   | IAA       AA         INAA       AA         INAA       AA         INAA       INAA         INAAA       INAA         INAA  
  |
<ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPEE</li> <li>Aland Islanci</li> <li>3,135,400</li> <li>2,098,270</li> <li>1,923,933</li> <li>184,860</li> <li>11,034</li> <li>1,183</li> <li>A 7,380</li> <li>3680</li> <li>1,836,860</li> <li>550,818</li> <li>310,750</li> <li>66,768</li> <li>alearic Islar</li> <li>364,581</li> <li>263,755</li> <li>Belarus</li> </ul>   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OHELI)           2740         120         368         3019           3128         143         490         (OP: OE3TXF)          
2005         124         395         (OP: OE3TXF)           2005         124         395         (OP: OE3KAB)           436         65         169         261           2163         8         37         100         6           100         6         34         132         448           (OP: OE2GEN)         614   
   | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2U<br>9A3C<br>9A2C<br>9A2C<br>9A2C<br>9A2C<br>9A2C<br>9A2C<br>9A2C<br>9A2  |
28A<br>21A<br>14A<br>14A<br>1.8A<br>28A<br>3.5A<br>4<br>3.5A<br>4<br>4<br>28A<br>7A<br>28A<br>7A<br>28A<br>7A<br>28A<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4                                | 56,704<br>13,600<br><b>89,472</b><br><b>1,716</b><br><b>53,053</b><br><b>7,938</b><br><i>2,945</i><br><b>Croatia</b><br><b>1,593,515</b><br><b>1,051,050</b><br><b>816,462</b><br><b>225,412</b><br><b>112,572</b><br><b>648,200</b><br>517,820<br><b>265,760</b><br><b>220,593</b><br><b>60,888</b><br><b>267,159</b><br><b>982,820</b><br><b>335,588</b><br><b>243,040</b><br><b>128,081</b><br><b>10,953</b><br><b>982,820</b><br><b>335,588</b><br><b>243,040</b><br><b>128,081</b><br><b>10,953</b><br><b>982,820</b><br><b>335,588</b><br><b>243,040</b><br><b>128,081</b><br><b>10,953</b><br><b>10,553</b><br><b>60,Reput</b><br><b>4,275,822</b><br><b>2,593,570</b><br><b>2,276,520</b><br><b>1,185,121</b><br><b>983,240</b><br><b>967,587</b><br><b>404,082</b>  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A5UU)<br>846 34 117<br>(OP: 9A5UU)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A3XU)<br>733 153 475<br>(OP: 9A5UU)<br>734 128 101<br>(OP: 9A3XU)<br>733 153 475<br>(OP: 9A5UU)<br>741 59 204<br>605 57 191<br>317 62 201<br>323 59 113<br>38 26 34<br>25 19 25<br>240 30 82<br>198 13 44<br>146 14 47<br>Dilc<br>3003 165 558<br>(OP: OK1DS2)<br>2810 129 424<br>(OP: OK1DG)<br>1883 151 471<br>1487 105 328<br>(OP: OK1DG)<br>1883 151 471<br>1487 105 328<br>(OP: OK2PP)<br>1159 110 269<br>589 91 287   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WLF<br>G4IZZ<br>G3SWH<br>G4DNR<br>M0DSL<br>M2A<br>M0WJE<br>G4RKO<br>G3YXX<br>G4SND<br>M0DSL<br>M2A<br>M0WJE<br>G4RKO<br>G3YXX<br>G4SND<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0PAS<br>M0RNR<br>G6AD<br>M0XAC<br>G8X<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5W<br>M5D  | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>19,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,100<br>562,485<br>151,522<br>140,875<br>95,200<br>92,988<br>14,690<br>350,840<br>178,227  | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G30TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         162         555         62         173           1003         60         227         466         89         320         553         162         555         62         173           1003         60         227         466         89         320         553         162         595         62         173         153         162         595         87         177         582         69         189         200         53         123         100         52         37         93         207         53         123         104         38         84         (OP: MØBUL)         143         28         74         137         20         26         45         15         41         975   
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MS<br>*R1000<br>*R1CAA<br>*UA1F<br>*UA1A<br>RU5A<br>RM35F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC3A<br>RC3A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RX3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RM2E<br>RM3E<br>RM3E<br>RM3E<br>RM3E<br>RM3E<br>RM3E<br>RM3E<br>RM3  
  | <b>Euro</b><br>AA<br>3.5A<br>1.8A<br>AA<br>1.8A<br>AA<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.   | 6,960<br>945<br>325,304<br>11,830<br>Dean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>997,568<br>3,444,220<br>3,444,220<br>3,444,220<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,080<br>144,102<br>166,898<br>103,411<br>66,951<br>46,320<br>42,772<br>40,870<br>29,866<br>3,525<br>2,808<br>1,940<br>5,525<br>2,808<br>1,940<br>5,525<br>2,808  | (UP: E)           48         2           32         1           110         3           115         1           sia         673           673         10           55         2           397         3           502         2           127         1           139         1           58         3           3310         15           3444         144           1392         10           1085         10           527         8           502         2           100         1           58         3310           54         14           1392         10           557         8        
  502         9           545         6           244         1           245         4           241         1           7         2           241         1           7         2           241         1           7         2           241         1 <td>S7GW)       S7GW)         55 355       355         356       121         6       49         954       41         959       364         44       45         99       25         40       135         17       63         121       66         92       524         121       135         122       135         123       136         124       41         125       493         126       443         127       63         128       2441         129       254         120       443         121       66         125       493         124       444         129       254         120       235         121       128         123       116         124       137         125       128         126       27         121       128         122       121         123       116         124       13</td> <td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6K<br/>*RN6AT<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA8C<br/>*UA92X<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>F<br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DHØGHU<br/>DL5XJ<br/>DHØGHU<br/>DL5XS<br/>DHØGHU<br/>DL5SS<br/>DHØGHU<br/>DL5JS<br/>DHØGHU<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NT<br/>SMH<br/>DL5QC</td> <td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>21A<br/>3.5A<br/>AA<br/>21A<br/>3.5A<br/>Fa<br/>28A<br/>Cecl. R<br/>AA</td> <td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/>District 9<br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/>Dpean Tur<br/>64,024<br/>2,418<br/>2,146<br/>roce Island<br/>100,842<br/>ep. of Ge<br/>5,508,594<br/>4,790,916<br/>3,919,095<br/>3,153,880<br/>3,026,432<br/>2,820,436<br/>2,386,800<br/>2,337,996<br/>2,303,192<br/>2,284,698<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,4888<br/>2,005,4</td> <td>304<br/>149<br/>182<br/>103<br/>135<br/>125<br/>109<br/>578<br/>289<br/>455<br/>191<br/>146<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/>1617<br/>1206<br/>1617<br/>1983<br/>132<br/>2240<br/>132<br/>2240<br/>132<br/>1464<br/>1577<br/>122818<br/>11<br/>1547<br/>14<br/>1577<br/>122818<br/>1228<br/>11<br/>1547<br/>1228<br/>1577<br/>122818<br/>1228<br/>11<br/>1547<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>1228<br/>1577<br/>120<br/>1570<br/>160<br/>1577<br/>120<br/>1570<br/>160<br/>1570<br/>160<br/>1570<br/>160<br/>1570<br/>160<br/>1670<br/>1570<br/>160<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1670<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1770<br/>1</td> <td>40         142           31         125           31         31           31         53           31         53           31         53           31         53           31         53           31         84           47         96           24         79           41         51           331         84           47         96           24         79           73         249           41         151           30         99           92         120           13         26           6         31           20         78           92         120           75         588           65         571           580         571           565         551           71         565           745         481           56         528           47         471           49         483           371         565           18         351</td> | S7GW)       S7GW)         55 355       355         356       121         6       49         954       41         959       364         44       45         99       25         40       135         17       63         121       66         92       524         121       135         122       135         123       136         124       41         125       493         126       443         127       63         128       2441         129       254         120       443         121       66         125       493         124       444         129       254         120       235         121       128         123       116         124       137         125       128         126       27         121       128         122       121         123       116         124       13   
   |
*RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RA6K<br>*RN6AT<br>*RA6HC<br>*RA6HC<br>*RA6HC<br>*RA6HC<br>*RA6HC<br>*RA8C<br>*UA92X<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DHØGHU<br>DL5XJ<br>DHØGHU<br>DL5XS<br>DHØGHU<br>DL5SS<br>DHØGHU<br>DL5JS<br>DHØGHU<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NT<br>SMH<br>DL5QC  | 14A<br>AA<br>7A<br>3.5A<br>AA<br>21A<br>3.5A<br>AA<br>21A<br>3.5A<br>Fa<br>28A<br>Cecl. R<br>AA  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br>District 9<br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br>Dpean Tur<br>64,024<br>2,418<br>2,146<br>roce Island<br>100,842<br>ep. of Ge<br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,820,436<br>2,386,800<br>2,337,996<br>2,303,192<br>2,284,698<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,4888<br>2,005,4 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304<br>149<br>182<br>103<br>135<br>125<br>109<br>578<br>289<br>455<br>191<br>146<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br>1617<br>1206<br>1617<br>1983<br>132<br>2240<br>132<br>2240<br>132<br>1464<br>1577<br>122818<br>11<br>1547<br>14<br>1577<br>122818<br>1228<br>11<br>1547<br>1228<br>1577<br>122818<br>1228<br>11<br>1547<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>1228<br>1577<br>120<br>1570<br>160<br>1577<br>120<br>1570<br>160<br>1570<br>160<br>1570<br>160<br>1570<br>160<br>1670<br>1570<br>160<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1670<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1770<br>1   | 40         142           31         125           31         31           31         53           31         53          
31         53           31         53           31         53           31         84           47         96           24         79           41         51           331         84           47         96           24         79           73         249           41         151           30         99           92         120           13         26           6         31           20         78           92         120           75         588           65         571           580         571           565         551           71         565           745         481           56         528           47         471           49         483           371         565           18         351                            |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29AI<br>*HS8N<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*A65/<br>DL2R<br>UK9AA<br>XV9DL<br>9M2TC<br>9M2TC<br>0E5D<br>0E5D<br>0E5D<br>0E5D<br>0E5D<br>0E5D<br>0E5D<br>0E5D   | IR 14A<br>NA AA<br>WG 28A<br>WG 28A<br>MC AA<br>MC AA<br>AA<br>AA<br>AA<br>AA<br>AA<br>AA<br>AA<br>AA<br>AA<br>AA<br>AA<br>AA   
   
  | 30,755           586,440           327,669           327,669           60,755           4,560           37,376           21,900           21,900           a30,810           a4           a30,810           a586,426           a30,810           a4           a30,810           a588,288           U2bekistar           427,893           Vietnam           a53,130           Vest Malays           412,104           EUROPEE           Aland Island           a3,335,400           2,098,270           1,923,933           184,860           11,034           1,836,860           550,818           310,750           32,809           66,768           a164,581           310,750           32,809           a64,581           32,809           a64,581           32,809           a64,581           32,807           32,808           310,750   
   
                          | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121           3019         121         414         (OP: OE3KAB)         436         65         169           261         66         140         36         232         163         8         37           100         5         2         132         163         162         318           (OP: OE2GEN)         61         60         140         365         163         161         36         37           100         6         34   
  | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ2JU<br>*LZ2PP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3MA<br>*9A7Y<br>*9A6D<br>*9A3MA<br>*9A7Y<br>*9A6D<br>*9A7ZZ<br>OLØW<br>OL7D<br>OK1VK<br>OK2QA<br>OL6P<br>OK1PI<br>OK2SG<br>OK1ALX<br>OK2RU   
   | 28A<br>21A<br>14A<br>21A<br>1.8A<br>3.5A<br>28A<br>7A<br>3.5A<br>AA<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4   | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>60,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>10,553<br>10,5520<br>1,85,721<br>983,240<br>967,587<br>404,082<br>170,925<br>154,440  | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>1768 37 138<br>(OP: 9A2VR)<br>1768 37 138<br>(OP: 9A7DX)<br>1484 37 133<br>(OP: 9A7DX)<br>1484 37 133<br>(OP: 9A7DX)<br>1484 37 133<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A2RI)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A2RI)<br>733 153 475<br>(OP: 9A5MF)<br>741 59 204<br>303 165 57 191<br>313 8 26 34<br>25 19 25<br>240 30 82<br>1985 13 44<br>146 14 47<br>70ic<br>3003 165 558<br>(OP: OK1DG)<br>183 151 471<br>1487 105 328<br>1184 108 362<br>(OP: OK2PP)<br>159 110 269<br>589 91 287<br>311 81 184<br>266 77 183   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4QWT<br>G4ZZ<br>G3SWH<br>G4QWT<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØCAC<br>G8X<br>G6AY<br>G4KNO<br>G4LPD<br>MØZAC<br>G6AY<br>G4KNO<br>G4LPD<br>MØZAC<br>G6AY<br>G4KNO<br>G4LPD<br>MØZAC<br>G8X<br>G6AY<br>G4KNO<br>G4LPD<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5D<br>MØHOM<br>MØUNN  
  | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,314<br>9,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,100<br>562,485<br>151,522<br>140,875<br>95,200<br>92,988<br>14,690<br>350,840<br>178,227<br>81,661   | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: GJTBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         102         55         822         65         200           510         60         227         371         585         62         100         253           102         53         162         555         822         65         200         812         531         162         555         822         65         200         812         531         162         555         822         65         200         812         31         123         200         52         139         207         53         123         31         123         200         52         139         207         57         33         28         74         153         29         74         153         27 <t< td=""><td>*ES2TT<br/>*ES3BH<br/>*ES3GN<br/>*ES2DJ<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10MS<br/>*R100<br/>*R1CAA<br/>*UA1F<br/>*UA1A<br/>*UA1F<br/>*UA1A<br/>*UA1F<br/>*UA1A<br/>RL5A<br/>RM35F<br/>RN3BL<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DX<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RA3DX<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC2A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3</td><td><b>Euro</b><br/>AA<br/>3.5A<br/>1.8A<br/>AA<br/>1.8A<br/>AA<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4</td><td>6,960<br/>945<br/>325,304<br/>11,830<br/>District 1<br/>522,466<br/>7,995<br/>93,532<br/>53,360<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District
3<br/>3,444,220<br/>3,061,762<br/>1,534,456<br/>1,070,172<br/>997,568<br/>331,008<br/>313,966<br/>293,196<br/>188,370<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,480<br/>179,480<br/>179,480<br/>179,480<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,490<br/>179,400<br/>179,400<br/>179,400<br/>179,400<br/>179,400<br/>179,400<br/>179,400<br/>179,400<br/>19</td><td>(OP: E)           48         2           32         1           1410         3           115         1           sia         673           673         10           55         2           397         3           241         3           502         2           100         1           139         1           100         1           100         1           58         3           3310         15           5444         14           1392         10           1005         1           58         3           502         9           596         7           425         8           502         9           502         9           502         9           504         2           204         3           123         5           94         4           13         1           7         2           202         2           202         2</td><td>S7GW)       S7GW)         55       355         56       121         6       49         95       364         44       41         95       364         44       41         96       121         86       364         44       41         96       364         44       41         97       237         108       803         12       418         69       26         12       544         12       418         12       418         12       418         12       241         13       177         133       177         133       177         141       100         15       188         16       27         17       120         125       128         120       27         121       168         122       116         123       116         124       137         125       121</td><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RJ6K<br/>*RN6AT<br/>*RA6HG<br/>RG8G<br/>R9GM<br/>UA9FAR<br/>*RM8G<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>F<br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DF6QV<br/>DL1NKS<br/>DHØGHU<br/>DF3VM<br/>DL5QAC<br/>DL1BUG<br/>DL1QW<br/>DJ9MH<br/>DK4SR<br/>DL8WEM<br/>DL7QU<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DL5YM<br/>DQ5T<br/>DF2LH<br/>DK2CX<br/>DF9LJ<br/>DF1ATZ</td><td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Dpean Tur</b><br/>64,024<br/>ep. of Ge<br/>5,508,594<br/>4,790,916<br/>3,919,095<br/>3,153,880<br/>3,026,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,826,432<br/>2,837,996<br/>2,303,192<br/>2,284,638<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,0070<br/>1,588,260<br/>1,391,824<br/>1,277,816<br/>1,600,070<br/>1,588,260<br/>1,391,824<br/>1,270,692<br/>1,253,259<br/>1,125,033<br/>1,058,940<br/>1,029,345</td><td>304<br/>149<br/>182<br/>103<br/>135<br/>23<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125</td><td>40         142           3         125           34         125           357         755           31         53           31         53           31         53           31         53           31         53           31         84           47         96           24         79           144         61           73         249           41         151           30         99           92         120           78         6           92         120           78         6           92         120           78         555           551         77           758         556           565         551           77         588           56         574           28         387           71         565           53         442           483         327           403         325           318         351           325         382      38</td></t<>  
  | *ES2TT<br>*ES3BH<br>*ES3GN<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MS<br>*R100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1F<br>*UA1A<br>*UA1F<br>*UA1A<br>RL5A<br>RM35F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DX<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DX<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC3A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC2A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3                | <b>Euro</b><br>AA<br>3.5A<br>1.8A<br>AA<br>1.8A<br>AA<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4  | 6,960<br>945<br>325,304<br>11,830<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District
3<br>3,444,220<br>3,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,480<br>179,480<br>179,480<br>179,480<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,490<br>179,400<br>179,400<br>179,400<br>179,400<br>179,400<br>179,400<br>179,400<br>179,400<br>19  | (OP: E)           48         2           32         1           1410         3           115         1           sia         673           673         10           55         2           397         3           241         3           502         2           100         1           139         1           100         1           100         1           58         3           3310         15           5444         14           1392         10           1005         1           58         3           502         9           596         7           425         8           502         9           502         9           502         9           504         2           204         3           123         5           94         4           13         1           7         2           202         2           202         2  
   | S7GW)       S7GW)         55       355         56       121         6       49         95       364         44       41         95       364         44       41         96       121         86       364         44       41         96       364         44       41         97       237         108       803         12       418         69       26         12       544         12       418         12       418         12       418         12       241         13       177         133       177         133       177         141       100         15       188         16       27         17       120         125       128         120       27         121       168         122       116         123       116         124       137         125       121  
   | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU<br>DF3VM<br>DL5QAC<br>DL1BUG<br>DL1QW<br>DJ9MH<br>DK4SR<br>DL8WEM<br>DL7QU<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DL5YM<br>DQ5T<br>DF2LH<br>DK2CX<br>DF9LJ<br>DF1ATZ   | 14A<br>AA<br>7A<br>3.5A<br>AA<br>3.5A<br>AA<br>3.5A<br>AA<br>3.5A<br>AA<br>3.5A<br>AA<br>3.5A<br>AA<br>3.5A<br>AA<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dpean Tur</b><br>64,024<br>ep. of Ge<br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,837,996<br>2,303,192<br>2,284,638<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,0070<br>1,588,260<br>1,391,824<br>1,277,816<br>1,600,070<br>1,588,260<br>1,391,824<br>1,270,692<br>1,253,259<br>1,125,033<br>1,058,940<br>1,029,345  | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125  
   | 40         142           3         125           34         125           357         755           31         53           31         53           31         53           31         53           31         53           31         84           47         96           24         79           144         61           73         249           41         151           30         99           92         120           78         6           92         120           78         6           92         120           78         555           551         77           758         556           565         551           77         588           56         574           28         387           71         565           53         442           483         327           403         325           318         351           325         382      38              |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29Al<br>*HS8N<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E27E<br>UK9AA<br>V9DL<br>9M2TC<br>9M2TC<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI  | IAA       IAA         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII  
   
  | <ul> <li>586,440</li> <li>327,669</li> <li>60,755</li> <li>4,560</li> <li>21,900</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malays</li> <li>412,104</li> <li>EUROPEE</li> <li>Austria</li> <li>3,35,400</li> <li>2,098,270</li> <li>1,923,933</li> <li>184,860</li> <li>111,034</li> <li>1,836,860</li> <li>550,818</li> <li>310,750</li> <li>32,809</li> <li>66,768</li> <li>alearic Islar</li> <li>3,642,288</li> <li>1,337,639</li> </ul>   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21  
      57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019           3019         121         414         (OP: G3TXF)           2005         124         395         (OP: OE3KAB)           436         65         169         261           2163         8         37         100         6           4828         132         448         22         163           360         26         108         318         104           3195         52 </td <td>*LZ5B<br/>*LZ5B<br/>*LZ2B<br/>*LZ2D<br/>*LZ3DJ<br/>*LZ3DJ<br/>*LZ2MP<br/>*LZ7R<br/>*LZ6C<br/>9A3YT<br/>9A5AET<br/>9A4BA<br/>9A1KDE<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A5D</td> <td>28A<br/>21A<br/>21A<br/>14A<br/>1.8A<br/>28A<br/>4<br/>28A<br/>4<br/>3.5A<br/>AA<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4</td> <td>56,704<br/>13,600<br/><b>89,472</b><br/><b>1,716</b><br/><b>53,053</b><br/><b>7,938</b><br/><i>2,945</i><br/><b>Croatia</b><br/><b>1,593,515</b><br/><b>1,051,050</b><br/><b>816,462</b><br/><b>225,412</b><br/><b>112,572</b><br/><b>648,200</b><br/><b>517,820</b><br/><b>265,760</b><br/><b>220,593</b><br/><b>60,888</b><br/><b>267,159</b><br/><b>982,820</b><br/><b>335,588</b><br/><b>243,040</b><br/><b>128,081</b><br/><b>10,9048</b><br/><b>6,120</b><br/><b>2,772</b><br/><b>60,704</b><br/><b>13,623</b><br/><b>10,553</b><br/><b>967,587</b><br/><b>2,276,520</b><br/><b>1,185,121</b><br/><b>983,240</b><br/><b>967,587</b><br/><b>0,27,582</b><br/><b>154,440</b><br/><b>76,840</b><br/><b>76,840</b><br/><b>76,872</b><br/><b>154,440</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>78,840</b><br/><b>7</b></td> <td>351 27 101<br/>(OP: LZ7DP)<br/>99 310<br/>300 32 96<br/>57 8 18<br/>414 20 71<br/>135 9 45<br/>87 6 25<br/>(OP: LZ2UW)<br/>1985 98 287<br/>984 148 402<br/>1056 115 287<br/>(OP: W2HUV)<br/>584 50 64 95<br/>(OP: 9A2VR)<br/>1758 37 138<br/>(OP: 9A5DU)<br/>846 34 117<br/>(OP: 9A5DU)<br/>775 32 107<br/>303 29 89<br/>1341 28 101<br/>(OP: 9A5MU)<br/>741 59 204<br/>605 57 191<br/>317 62 201<br/>323 59 113<br/>38 26 34<br/>25 19 25<br/>240 30 82<br/>198 13 44<br/>146 14 47<br/>50<br/>102<br/>105 558<br/>(OP: OK1DS2)<br/>2810 129 424<br/>(OP: OK2PP)<br/>159 110 269<br/>99 1287<br/>311 81 184<br/>286 77 183<br/>175 51 165<br/>309 31 60</td> <td>G4IIY<br/>G6T<br/>M7W<br/>M1X<br/>G3VMW<br/>G4AMT<br/>GØBNR<br/>MØWLF<br/>G4IZZ<br/>G3SWH<br/>G4ONT<br/>MØDSL<br/>M2A<br/>MØWJE<br/>G4WFQ<br/>G4RKO<br/>G3YXX<br/>G4SND<br/>MØNGN<br/>GØB<br/>G4CTY<br/>GØEFO<br/>MØRNR<br/>G6AD<br/>MØXAC<br/>G8X<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G6AY<br/>M7O<br/>M8A<br/>G3PJT<br/>G1GEY<br/>G3YJQ<br/>M5D<br/>MØHOM<br/>MØUNN<br/>MØDOM<br/>MØON<br/>MØHOM<br/>MØON<br/>MØON<br/>MØON<br/>MØON<br/>MØON<br/>MØON<br/>MØON<br/>MØ</td> <td>AA<br/>AA<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a</td> <td>81,579<br/>England<br/>3,179,736<br/>2,691,234<br/>2,290,484<br/>1,368,459<br/>817,036<br/>6703,716<br/>650,925<br/>565,153<br/>550,463<br/>400,002<br/>393,840<br/>391,935<br/>353,890<br/>348,975<br/>341,880<br/>240,198<br/>119,727<br/>69,222<br/>67,996<br/>65,296<br/>54,168<br/>27,234<br/>23,174<br/>3,080<br/>331,499<br/>121,275<br/>32,038<br/>14,0875<br/>95,200<br/>92,988<br/>14,690<br/>350,840<br/>178,227<br/>81,661<br/>36,240</td> <td>297 53 160<br/>2538 145 503<br/>2109 151 500<br/>(OP: G4MKP)<br/>1519 168 548<br/>(OP: G3TBK)<br/>1757 93 304<br/>(OP: GØCKP)<br/>1185 78 263<br/>1014 80 258<br/>654 119 376<br/>676 100 257<br/>466 89 320<br/>553 105 255<br/>822 65 200<br/>812 53 162<br/>558 22 69 189<br/>511 44 115<br/>359 43 123<br/>200 52 139<br/>207 53 123<br/>194 38 84<br/>(OP: MØBUL)<br/>143 28 76<br/>49 17 31<br/>37 20 26<br/>45 15 41<br/>975 35 126<br/>(OP: G4FJK)<br/>321 34 113<br/>140 26 57<br/>108 18 29<br/>1560 36 129<br/>(OP: MØVKY)<br/>497 32 93<br/>(OP: MØVKY)<br/>497 32 93<br/>151 14 51<br/>154 31 109<br/>923 29<br/>44<br/>(OP: G4WQI)<br/>30 32 95<br/>139 30 90<br/>181 9 46<br/>2148 131 426</td>
<td>*ES2TT<br/>*ES3BH<br/>*ES3BH<br/>*ES2DJ<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10M<br/>*RV100<br/>*R1CAA<br/>*UA1F<br/>*UA1A<br/>*UA1F<br/>*UA1A<br/>RL5A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3DA<br/>RM3</td> <td><b>Euro</b><br/>AA<br/>AA<br/>3.5A<br/>1.8A<br/>AA<br/>1.8A<br/>AA<br/>1.8A<br/>AA<br/>2.4<br/>4.4<br/>4.4<br/>4.4<br/>4.4<br/>4.4<br/>4.4<br/>4.4<br/>4.4<br/>4.4</td> <td>6,960<br/>945<br/>325,304<br/>11,830<br/>Decan Rus<br/>District 1<br/>522,466<br/>7,995<br/>93,532<br/>53,360<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District 3<br/>3,444,220<br/>997,568<br/>3,344,220<br/>3,444,220<br/>997,568<br/>331,008<br/>313,966<br/>1,534,456<br/>1,070,172<br/>997,568<br/>331,008<br/>313,966<br/>188,370<br/>179,280<br/>179,280<br/>179,280<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>144,102<br/>106,898<br/>103,411<br/>66,951<br/>46,320<br/>42,772<br/>195<br/>2,808<br/>10,341<br/>66,951<br/>2,808<br/>10,341<br/>66,955<br/>2,808<br/>1,940<br/>5,755<br/>195<br/>2,4<br/>169,260<br/>154,364<br/>35,765<br/>675,078</td> <td>(UP: E)           48         2           32         1           110         3           115         1           sia         673           673         10           55         2           327         3           241         32           115         1           sia         673           673         10           55         2           127         1           2397         3           100         1           139         1           58         3310           502         9           502         9           502         9           502         9           502         9           502         9           502         9           502         9           502         9           4274         8           204         3           123         5           131         1           202         2           202         2           202         2<td>S7G       357         50       25         50       25         25       25         26       121         26       364         29       26         20       135         21       135         22       135         23       14         26       48         27       135         28       226         29       22         20       233         21       26         22       433         235       1120         28       2269         20       225         21       164         22       235         235       120         235       121         241       25         25       120         25       121         26       213         27       135         28       214         29       25         213       120         22       121         33       120         27       120         2</td><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6K<br/>*RN6AT<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6DT<br/>*RK6HG<br/>UA9FAR<br/>*RM8G<br/>*UA9XX<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/><b>F</b><br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5JJ<br/>DH0GHU<br/>DF3VM<br/>DL5GAC<br/>DL1BUG<br/>DL1WKS<br/>DHØGHU<br/>DF3VM<br/>DL5GAC<br/>DL1BUG<br/>DL5JS<br/>DH0GHU<br/>DF3JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM</td><td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>23.5A<br/>AA<br/>23.5A<br/>Fa<br/>28A<br/>Fa<br/>28A<br/>Ced. R<br/>AA</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Opean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>troe Island</b><br/>100,842<br/><b>ep. of
Ge</b><br/>5,508,594<br/>4,790,916<br/>3,919,095<br/>3,153,880<br/>3,026,432<br/>2,284,688<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,048,898<br/>2,007,188,260<br/>1,259,259<br/>1,125,033<br/>1,053,630<br/>1,029,345<br/>1,001,096<br/>988,972</td><td>304<br/>149<br/>182<br/>103<br/>135<br/>23<br/>125<br/>125<br/>125<br/>109<br/>578<br/>289<br/>455<br/>146<br/>146<br/>146<br/>146<br/>187<br/>162<br/>12<br/>187<br/>16<br/>2818<br/>125<br/>146<br/>187<br/>16<br/>2818<br/>146<br/>12<br/>2818<br/>125<br/>146<br/>12<br/>2818<br/>125<br/>146<br/>12<br/>2818<br/>125<br/>146<br/>12<br/>2818<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>1577<br/>146<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>157<br/>157<br/>157<br/>157<br/>157<br/>157<br/>15</td><td>40         142           43         125           43         125           43         125           57         75           31         53           16         15           31         84           47         96           24         79           424         79           424         79           142         47           61         73           249         41           11         151           30         99           28         96           92         120           13         26           6         31           20         78           92         120           65         537           71         565           555         555           71         565           545         481           565         555           57         555           55         555           55         55           56         544           28         457</td></td> | *LZ5B<br>*LZ5B<br>*LZ2B<br>*LZ2D<br>*LZ3DJ<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A5D   | 28A<br>21A<br>21A<br>14A<br>1.8A<br>28A<br>4<br>28A<br>4<br>3.5A<br>AA<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4  | 56,704<br>13,600<br><b>89,472</b><br><b>1,716</b><br><b>53,053</b><br><b>7,938</b><br><i>2,945</i><br><b>Croatia</b><br><b>1,593,515</b><br><b>1,051,050</b><br><b>816,462</b><br><b>225,412</b><br><b>112,572</b><br><b>648,200</b><br><b>517,820</b><br><b>265,760</b><br><b>220,593</b><br><b>60,888</b><br><b>267,159</b><br><b>982,820</b><br><b>335,588</b><br><b>243,040</b><br><b>128,081</b><br><b>10,9048</b><br><b>6,120</b><br><b>2,772</b><br><b>60,704</b><br><b>13,623</b><br><b>10,553</b><br><b>967,587</b><br><b>2,276,520</b><br><b>1,185,121</b><br><b>983,240</b><br><b>967,587</b><br><b>0,27,582</b><br><b>154,440</b><br><b>76,840</b><br><b>76,840</b><br><b>76,872</b><br><b>154,440</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>78,840</b><br><b>7</b> | 351 27 101<br>(OP: LZ7DP)<br>99 310<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A5MU)<br>741 59 204<br>605 57 191<br>317 62 201<br>323 59 113<br>38 26 34<br>25 19 25<br>240 30 82<br>198 13 44<br>146 14 47<br>50<br>102<br>105 558<br>(OP: OK1DS2)<br>2810 129 424<br>(OP: OK2PP)<br>159 110 269<br>99 1287<br>311 81 184<br>286 77 183<br>175 51 165<br>309 31 60  
  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4ONT<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØRNR<br>G6AD<br>MØXAC<br>G8X<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5D<br>MØHOM<br>MØUNN<br>MØDOM<br>MØON<br>MØHOM<br>MØON<br>MØON<br>MØON<br>MØON<br>MØON<br>MØON<br>MØON<br>MØ  | AA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a                                     | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>6703,716<br>650,925<br>565,153<br>550,463<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,0875<br>95,200<br>92,988<br>14,690<br>350,840<br>178,227<br>81,661<br>36,240  | 297 53 160<br>2538 145 503<br>2109 151 500<br>(OP: G4MKP)<br>1519 168 548<br>(OP: G3TBK)<br>1757 93 304<br>(OP: GØCKP)<br>1185 78 263<br>1014 80 258<br>654 119 376<br>676 100 257<br>466 89 320<br>553 105 255<br>822 65 200<br>812 53 162<br>558 22 69 189<br>511 44 115<br>359 43 123<br>200 52 139<br>207 53 123<br>194 38 84<br>(OP: MØBUL)<br>143 28 76<br>49 17 31<br>37 20 26<br>45 15 41<br>975 35 126<br>(OP: G4FJK)<br>321 34 113<br>140 26 57<br>108 18 29<br>1560 36 129<br>(OP: MØVKY)<br>497 32 93<br>(OP: MØVKY)<br>497 32 93<br>151 14 51<br>154 31 109<br>923 29<br>44<br>(OP: G4WQI)<br>30 32 95<br>139 30 90<br>181 9 46<br>2148 131 426   
   
   | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10M<br>*RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1F<br>*UA1A<br>RL5A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3DA<br>RM3    | <b>Euro</b><br>AA<br>AA<br>3.5A<br>1.8A<br>AA<br>1.8A<br>AA<br>1.8A<br>AA<br>2.4<br>4.4<br>4.4<br>4.4<br>4.4<br>4.4<br>4.4<br>4.4<br>4.4<br>4.4   
   | 6,960<br>945<br>325,304<br>11,830<br>Decan Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>997,568<br>3,344,220<br>3,444,220<br>997,568<br>331,008<br>313,966<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>188,370<br>179,280<br>179,280<br>179,280<br>179,080<br>179,080<br>179,080<br>179,080<br>144,102<br>106,898<br>103,411<br>66,951<br>46,320<br>42,772<br>195<br>2,808<br>10,341<br>66,951<br>2,808<br>10,341<br>66,955<br>2,808<br>1,940<br>5,755<br>195<br>2,4<br>169,260<br>154,364<br>35,765<br>675,078  | (UP: E)           48         2           32         1           110         3           115         1           sia         673           673         10           55         2           327         3           241         32           115         1           sia         673           673         10           55         2           127         1           2397         3           100         1           139         1           58         3310           502         9           502         9           502         9           502         9           502         9           502         9           502         9           502         9           502         9           4274         8           204         3           123         5           131         1           202         2           202         2           202         2 <td>S7G       357         50       25         50       25         25       25         26       121         26       364         29       26         20       135         21       135         22       135         23       14         26       48         27       135         28       226         29       22         20       233         21       26         22       433         235       1120         28       2269         20       225         21       164         22       235         235       120         235       121         241       25         25       120         25       121         26       213         27       135         28       214         29       25         213       120         22       121         33       120         27       120         2</td> <td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6K<br/>*RN6AT<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6DT<br/>*RK6HG<br/>UA9FAR<br/>*RM8G<br/>*UA9XX<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/><b>F</b><br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5JJ<br/>DH0GHU<br/>DF3VM<br/>DL5GAC<br/>DL1BUG<br/>DL1WKS<br/>DHØGHU<br/>DF3VM<br/>DL5GAC<br/>DL1BUG<br/>DL5JS<br/>DH0GHU<br/>DF3JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM</td> <td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>23.5A<br/>AA<br/>23.5A<br/>Fa<br/>28A<br/>Fa<br/>28A<br/>Ced. R<br/>AA</td> <td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Opean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>troe Island</b><br/>100,842<br/><b>ep. of Ge</b><br/>5,508,594<br/>4,790,916<br/>3,919,095<br/>3,153,880<br/>3,026,432<br/>2,284,688<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,048,898<br/>2,007,188,260<br/>1,259,259<br/>1,125,033<br/>1,053,630<br/>1,029,345<br/>1,001,096<br/>988,972</td> <td>304<br/>149<br/>182<br/>103<br/>135<br/>23<br/>125<br/>125<br/>125<br/>109<br/>578<br/>289<br/>455<br/>146<br/>146<br/>146<br/>146<br/>187<br/>162<br/>12<br/>187<br/>16<br/>2818<br/>125<br/>146<br/>187<br/>16<br/>2818<br/>146<br/>12<br/>2818<br/>125<br/>146<br/>12<br/>2818<br/>125<br/>146<br/>12<br/>2818<br/>125<br/>146<br/>12<br/>2818<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>125<br/>146<br/>12<br/>1577<br/>146<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>12<br/>1577<br/>157<br/>157<br/>157<br/>157<br/>157<br/>157<br/>15</td> <td>40         142           43         125           43         125           43         125           57         75           31         53           16         15           31         84           47         96           24         79           424         79           424         79           142         47           61         73           249         41           11         151           30         99           28         96           92         120           13         26           6         31           20         78           92         120           65         537           71         565           555         555           71         565           545         481           565         555           57         555           55         555           55         55           56         544           28        
457</td>  | S7G       357         50       25         50       25         25       25         26       121         26       364         29       26         20       135         21       135         22       135         23       14         26       48         27       135         28       226         29       22         20       233         21       26         22       433         235       1120         28       2269         20       225         21       164         22       235         235       120         235       121         241       25         25       120         25       121         26       213         27       135         28       214         29       25         213       120         22       121         33       120         27       120         2  
  | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RA6K<br>*RN6AT<br>*RA6HC<br>*RA6HC<br>*RA6HC<br>*RA6DT<br>*RK6HG<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br><b>F</b><br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5JJ<br>DH0GHU<br>DF3VM<br>DL5GAC<br>DL1BUG<br>DL1WKS<br>DHØGHU<br>DF3VM<br>DL5GAC<br>DL1BUG<br>DL5JS<br>DH0GHU<br>DF3JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM   | 14A<br>AA<br>7A<br>3.5A<br>AA<br>23.5A<br>AA<br>23.5A<br>Fa<br>28A<br>Fa<br>28A<br>Ced. R<br>AA  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Opean Tur</b><br>64,024<br>2,418<br>2,146<br><b>troe Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,284,688<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,109,376<br>2,048,898<br>2,007,188,260<br>1,259,259<br>1,125,033<br>1,053,630<br>1,029,345<br>1,001,096<br>988,972   |
304<br>149<br>182<br>103<br>135<br>23<br>125<br>125<br>125<br>109<br>578<br>289<br>455<br>146<br>146<br>146<br>146<br>187<br>162<br>12<br>187<br>16<br>2818<br>125<br>146<br>187<br>16<br>2818<br>146<br>12<br>2818<br>125<br>146<br>12<br>2818<br>125<br>146<br>12<br>2818<br>125<br>146<br>12<br>2818<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>125<br>146<br>12<br>1577<br>146<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>12<br>1577<br>157<br>157<br>157<br>157<br>157<br>157<br>15   | 40         142           43         125           43         125           43         125           57         75           31         53           16         15           31         84           47         96           24         79           424         79           424         79           142         47           61         73           249         41           11         151           30         99           28         96           92         120           13         26           6         31           20         78           92         120           65         537           71         565           555         555           71         565           545         481           565         555           57         555           55         555           55         55           56         544           28         457                          |
| E21YD<br>HS3NE<br>*HS67<br>*HS8N<br>*E29AI<br>*HS8N<br>*E20X<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H | IAA       IAA         IAA       I   
  | <ul> <li>586,440</li> <li>327,669</li>
<li>60,755</li> <li>4,560</li> <li>4,560</li> <li>4,560</li> <li>4,5745</li> <li>4,00</li> <li>15,745</li> <li>40</li> <li>30,810</li> <li>ed Arab Em</li> <li>688,288</li> <li>Uzbekistar</li> <li>427,893</li> <li>Vietnam</li> <li>63,130</li> <li>Vest Malayse</li> <li>412,104</li> <li>EUROPEE</li> <li>Aland Island</li> <li>3,135,400</li> <li>2,098,270</li> <li>1,923,933</li> <li>184,860</li> <li>111,034</li> <li>1,188</li> <li>7,380</li> <li>3680</li> <li>1,823,838</li> <li>1,836,860</li> <li>550,818</li> <li>310,750</li> <li>32,809</li> <li>66,768</li> <li>alearic Islar</li> <li>3,37,55</li> <li>Belarus</li> <li>4,658,743</li> <li>4,658,743</li> <li>4,642,288</li> <li>1,337,639</li> <li>1,221,858</li> <li>998,580</li> </ul>  
   | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           birates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OHELI)           2740         120         368         3019         121         414           (OP: OE3KAB)         436         65         169         261         66     
   140         36         22         316         318         (OP: OE3KAB)         448         625         108         318         (OP: OE2GEN)         614         67         308         312           100         63         414         67         308         312         145         350         26         81  
   | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>*9A7T<br>*9A1DR<br>*9A3MA<br>*9A7T<br>*9A1DR<br>*9A3MA<br>*9A7T<br>*9A3MA<br>*9A7T<br>*9A3MA<br>*9A7Z<br>OLØW<br>OL7D<br>OK1VK<br>OK2SG<br>OK1PL<br>OK1DX<br>OK1PFG<br>OK1PK<br>OK1DX<br>OK1PFG<br>OK1PK<br>OK1DX<br>OK1PFG<br>OK1PK<br>OK1DX<br>OK1PFG<br>OK7NV   | 28A<br>21A<br>14A<br>1.4A<br>  
     | 56,704<br>13,600<br><b>89,472</b><br><b>1,716</b><br><b>53,053</b><br><b>7,938</b><br><i>2,945</i><br><b>Croatia</b><br><b>1,593,515</b><br><b>1,051,050</b><br><b>816,462</b><br><b>225,412</b><br><b>112,572</b><br><b>648,200</b><br>517,820<br><b>265,760</b><br><b>220,593</b><br><b>60,888</b><br><b>267,159</b><br><b>982,820</b><br><b>335,588</b><br><b>243,040</b><br><b>128,081</b><br><b>10,953</b><br><b>60,888</b><br><b>243,040</b><br><b>128,081</b><br><b>10,953</b><br><b>982,820</b><br><b>335,588</b><br><b>243,040</b><br><b>128,081</b><br><b>10,953</b><br><b>10,553</b><br><b>80,7724</b><br><b>60,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>80,7724</b><br><b>13,623</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,440</b><br><b>10,592</b><br><b>10,440</b><br><b>10,72,982</b><br><b>10,91</b><br><b>11,182</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,553</b><br><b>10,555</b><br><b>10,555</b><br><b>10,555</b><br><b>10,555</b><br><b>10,555</b><br><b>10,555</b><br><b>10,557</b><br><b>10,557</b><br><b>10,557</b><br><b>10,557</b><br><b>10,5</b>             | 351 27 101<br>(OP: LZ7DP)<br>99 310 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A2VR)<br>1758 37 133<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5HU)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A3KU)<br>733 153 475<br>(OP: 9A5HU)<br>731 53 103<br>826 34<br>25 19 25<br>240 30 82<br>198 13 44<br>146 14 47<br>ODIC<br>3003 165 558<br>(OP: OK1DS2)<br>2810 129 424<br>(OP: OK1DG)<br>1883 151 471<br>1487 105 328<br>118 1184<br>266 77 183<br>159 110 269<br>5589 91 287<br>311 81 184<br>266 77 183<br>175 51 165<br>309 31 60<br>160 31 79<br>288 29 74   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WJF<br>G4IZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>M0DSL<br>M2A<br>M0WJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0EAS<br>M0RNR<br>G6AD<br>M0XAC<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5W<br>M5D<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM  | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,226<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,000<br>331,499<br>121,275<br>32,038<br>14,100<br>562,485<br>151,522<br>140,875<br>95,200<br>92,988<br>14,690<br>350,840<br>178,227<br>81,661<br>16,240<br>10,505<br>2,036,949<br>858,390   
  | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (D7: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         1003         60         227           466         89         320         553         162         558         262         173           1003         60         227         466         89         320         553         162         595         62         173           150         52         65         62         173         123         100         52         87         177           582         69         189         144         115         359         43         123           2007         53         123         104         38         84         (OP: MØBUL)         143         28         74         137         37         20         26         45  
   | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MS<br>*R1DX<br>RA10MS<br>*R1DX<br>RA10MS<br>*R1DX<br>RA10MS<br>*R1DX<br>RA10MS<br>*R1DX<br>RA10MS<br>*R1DX<br>RA10MS<br>*R1AA<br>*UA1F<br>*UA1A<br>RL5A<br>RM3F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3UT<br>RU5A<br>R5GR<br>RM2E<br>RT5T<br>RA3BQ<br>R3CW<br>RQ3A<br>RA3S<br>RM2E<br>RT5T<br>RA3BQ<br>R3CW<br>RQ3A<br>RA3S<br>R3QF<br>UA3AB<br>RU3SD<br>R2AOQ<br>R3TE<br>R2DA<br>RD3K<br>RV5C<br>RX3N<br>RL3A<br>RC3FL<br>R3ZZ<br>RV3FF<br>RD3AW   
   | <b>Euro</b><br>AA<br>3.5A<br>1.8A<br>1.8A<br>AA<br>1.8A<br>AA<br>2.1A<br>2.8A<br>2.1A<br>14A<br>7A<br>3.5 <sup>°</sup>  | 6,960<br>945<br>325,304<br>11,830<br>Dean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>3,641,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,080<br>144,102<br>166,898<br>103,411<br>66,951<br>46,320<br>42,772<br>40,870<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,866<br>3,525<br>2,808<br>1,940<br>29,875<br>195<br>2,40<br>20,875<br>2,40<br>20,875<br>2,525<br>2,808<br>1,957<br>2,575<br>2,575<br>2,408<br>1,957<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>2,575<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3,775<br>3 | (UP: E)           48         2           32         1           110         3           115         1           sia         673           673         10           55         2           397         3           241         3           502         2           127         1           1397         1           502         2           100         1           1391         1           58         3           3310         15           3444         14           1451         1085           527         8           3686         7           425         8           502         9           4451         6           242         6           242         6           242         6           242         6           244         1           1         3           1         7           2007         2           1810         3           (OP: - <td< td=""><td>S7GW)       S7GW)         55       355         355       255         356       121         6       49         9       25         40       135         9       25         41       364         41       364         41       364         41       364         41       364         41       364         42       99         42      
54         41       35         99       26         24       413         99       26         24       413         379       84         82       259         102       235         103       177         243       443         109       225         121       164         122       137         123       116         124       137         125       128         126       128         127       120         128       146         26       2</td><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6K<br/>*RN6AT<br/>*RA6HG<br/>*RA6HG<br/>*RA6HG<br/>*RA6HG<br/>*RA6HG<br/>*UA9FAR<br/>*RM8G<br/>*UA9FAR<br/>*RM8G<br/>*UA9XX<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>F<br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DHØGHU<br/>DL5XJ<br/>DHØGHU<br/>DL5XJ<br/>DHØGHU<br/>DL5XS<br/>DHØGHU<br/>DL5XS<br/>DHØGHU<br/>DL5XS<br/>DHØGHU<br/>DL5SS<br/>DHØGHU<br/>DL5JS<br/>DHØGHU<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5SS<br/>DHØGHU<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL6NDW<br/>DL5JS<br/>DL5YM<br/>DQ5T<br/>DF2LH<br/>DK4CX<br/>DF9LJ<br/>DL1ATZ<br/>DJ5AN<br/>DL1NEO<br/>DJ8RS<br/>DL51O</td><td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>21A<br/>3.5A<br/>Fa<br/>28A<br/>Ged. R<br/>AA</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Dpean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>roce Island</b><br/>100,842<br/><b>ep. of Ge</b><br/>5,508,594<br/>4,790,916<br/>3,919,095<br/>3,153,880<br/>3,026,432<br/>2,820,436<br/>2,337,996<br/>2,333,192<br/>2,284,698<br/>2,337,996<br/>2,333,192<br/>2,284,698<br/>2,337,996<br/>2,333,192<br/>2,284,698<br/>2,337,996<br/>2,333,192<br/>2,284,698<br/>2,335,259<br/>1,255,358<br/>1,001,095,488<br/>1,005,488<br/>1,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,4888<br/>2,005</td><td>304<br/>149<br/>182<br/>103<br/>135<br/>125<br/>125<br/>109<br/>578<br/>289<br/>455<br/>191<br/>146<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/>16<br/>70<br/><b>key</b><br/>130<br/>16<br/>17<br/>1817<br/>16<br/>2240<br/>17<br/>1547<br/>144<br/>1586<br/>12<br/>1547<br/>144<br/>1586<br/>12<br/>1632<br/>11<br/>1632<br/>11<br/>1632<br/>10<br/>909<br/>12<br/>1632<br/>12<br/>1632<br/>11<br/>1632<br/>10<br/>909<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>1632<br/>12<br/>10<br/>1632<br/>10<br/>10<br/>1632<br/>10<br/>10<br/>1632<br/>10<br/>10<br/>1632<br/>10<br/>10<br/>10<br/>10<br/>10<br/>10<br/>10<br/>10<br/>10<br/>10</td><td>40         142           43         125           43         125           43         125           53         153           16         15           31         84           47         96           24         79           41         151           30         99           41         151           30         99           41         151           30         99           92         120           13         26           6         31           20         78           85         537           555         551           33         403           545         527           55         551           55         551           533         403           545         541           483         351           553         382           243         382           382         384           384         433           123         365           384         433</td></td<>   | S7GW)       S7GW)         55       355         355       255         356       121         6       49         9       25         40       135         9       25         41       364         41       364         41       364         41       364         41       364         41       364         42       99         42       54         41       35         99       26         24       413         99       26         24       413         379       84         82       259         102       235         103       177         243       443         109       225         121       164         122       137         123       116         124       137         125       128         126       128         127       120         128       146         26       2  
  | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6K<br>*RN6AT<br>*RA6HG<br>*RA6HG<br>*RA6HG<br>*RA6HG<br>*RA6HG<br>*UA9FAR<br>*RM8G<br>*UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DHØGHU<br>DL5XJ<br>DHØGHU<br>DL5XJ<br>DHØGHU<br>DL5XS<br>DHØGHU<br>DL5XS<br>DHØGHU<br>DL5XS<br>DHØGHU<br>DL5SS<br>DHØGHU<br>DL5JS<br>DHØGHU<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5SS<br>DHØGHU<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL6NDW<br>DL5JS<br>DL5YM<br>DQ5T<br>DF2LH<br>DK4CX<br>DF9LJ<br>DL1ATZ<br>DJ5AN<br>DL1NEO<br>DJ8RS<br>DL51O  
  | 14A<br>AA<br>7A<br>3.5A<br>AA<br>21A<br>3.5A<br>Fa<br>28A<br>Ged. R<br>AA  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dpean Tur</b><br>64,024<br>2,418<br>2,146<br><b>roce Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,820,436<br>2,337,996<br>2,333,192<br>2,284,698<br>2,337,996<br>2,333,192<br>2,284,698<br>2,337,996<br>2,333,192<br>2,284,698<br>2,337,996<br>2,333,192<br>2,284,698<br>2,335,259<br>1,255,358<br>1,001,095,488<br>1,005,488<br>1,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,4888<br>2,005  | 304<br>149<br>182<br>103<br>135<br>125<br>125<br>109<br>578<br>289<br>455<br>191<br>146<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br>16<br>70<br><b>key</b><br>130<br>16<br>17<br>1817<br>16<br>2240<br>17<br>1547<br>144<br>1586<br>12<br>1547<br>144<br>1586<br>12<br>1632<br>11<br>1632<br>11<br>1632<br>10<br>909<br>12<br>1632<br>12<br>1632<br>11<br>1632<br>10<br>909<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>1632<br>12<br>10<br>1632<br>10<br>10<br>1632<br>10<br>10<br>1632<br>10<br>10<br>1632<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10  | 40         142           43         125           43         125           43         125           53         153           16         15           31         84           47         96           24         79           41         151           30         99           41         151           30         99           41         151           30         99           92         120           13         26           6         31           20         78           85         537           555         551           33         403           545         527           55         551           55         551           533         403           545         541           483         351           553         382           243         382           382         384           384         433           123         365           384         433               |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29AI<br>*HS8H<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*A65/<br>DL2R<br>UK9A4<br>*US9DL<br>9M2TC<br>OE50O<br>OE50O<br>OE50O<br>OE50O<br>OE50O<br>OE50O<br>OE50O<br>OE50O<br>OE50O<br>OE50O<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C<br>OE50C | IN AA<br>NAA<br>NG 28A<br>NG 28A  
  | 327,669           327,669           60,755           4,560           37,376           21,900           30,810           ad Arab Em           688,288           Uzbekistar           427,893           Vietnam           63,130           Vest Malays           412,104           EUROPEE           Aland Island           3,35,400           2,098,270           1,923,933           184,860           111,034           1,836,860           550,818           310,750           32,809           66,768           alearic Islar           3,465,811           263,755           Belarus           4,4558,743           4,652,288           1,21,858           998,580           632,045           193,765   
   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           144         19         54           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121         414           (OP: OH         120         368         37         100         634         37           2005         124         396         65         169         261         66         169           205         124         381         (OP: OE23KAB)         381         195         2448         625         108         318           (OP: OE26EN)         3195         524         107   
   
  | *LZ5B<br>*LZ5B<br>*LZ2B<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>*9A7T<br>*9A1DR<br>*9A2KI<br>*9A1DR<br>*9A2KI<br>*9A3MA<br>*9A4W<br>*9A4W<br>*9A4W<br>*9A4W<br>*9A4W<br>*9A4BT<br>*9A3MA<br>*9A4W<br>*9A4W<br>*9A7T<br>*9A6D<br>*9A7ZZ<br>OLØW<br>OL7D<br>OK1VK<br>OK2QA<br>OL6P<br>OK1PI<br>OK1VK<br>OK2QA<br>OL6P<br>OK1PI<br>OK1PK<br>OK1DO<br>OK1PV<br>OK4X   | " 28A 21A 14A 21A 1.8A " 28A 3.5A AA 4 3.5A AA 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4   |
56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>64,200<br>2,772<br>60,704<br>13,623<br>10,51,253<br>10,51,253<br>60,704<br>13,623<br>10,55,700<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>179,920<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>179,920<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>179,920<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>179,920<br>2,79,820<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>179,920<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>179,920<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>179,920<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>179,920<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>179,920<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>179,936<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>72,982<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,44   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VH)<br>1758 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A2R)<br>1484 37 133<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A2R)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A5UU)<br>731 53 2407<br>731 59 240<br>405 57 191<br>317 62 201<br>323 59 113<br>826 34<br>25 19 25<br>240 30 82<br>138 13 44<br>146 14 47<br>501<br>3003 165 558<br>(OP: OK1DSZ)<br>2810 129 424<br>(OP: OK1DG)<br>1883 151 471<br>1487 105 328<br>1184 108 362<br>(OP: OK2PP)<br>1159 110 269<br>589 91 287<br>311 81 184<br>286 77 183<br>175 51 165<br>309 31 60<br>160 31 79<br>288 29 74<br>(OP: OK1UXH)  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WLF<br>G4IZZ<br>G3SWH<br>G4OWT<br>M0DSL<br>M2A<br>M0WJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0PNR<br>G6AD<br>G4CTY<br>G0EFO<br>M0PNR<br>G6AS<br>M0PNR<br>G6AY<br>G4KNO<br>G4LPD<br>M0ZA<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5D<br>M0HOM<br>M0UNN<br>G0KPE<br>C4PVM<br>*G3RLE<br>*G0OOD   | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,460<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,100<br>562,485<br>151,522<br>140,875<br>95,200<br>92,988<br>14,690<br>350,840<br>178,227<br>81,661<br>36,240<br>10,505<br>2,036,949<br>858,390<br>621,560   | 297 53 160<br>2538 145 503<br>2109 151 500<br>(OP: G4MKP)<br>1519 168 548<br>(OP: G3TBK)<br>1757 93 304<br>(OP: GØCKP)<br>1185 78 263<br>1014 80 263<br>1014 80 263<br>1014 80 227<br>466 89 320<br>553 105 255<br>822 65 200<br>812 53 162<br>595 62 173<br>(OP: G3ORY)<br>595 87 177<br>582 69 189<br>511 44 113<br>200 52 139<br>207 53 123<br>109 53 7127<br>582 69 189<br>511 44 113<br>200 52 139<br>207 53 123<br>194 38 84<br>(OP: MØBUL)<br>143 28 74<br>153 27 57<br>93 28 76<br>49 17 31<br>37 20 26<br>(OP: G4FJK)<br>321 34 113<br>140 26 57<br>186 (OP: G4FJK)<br>321 34 113<br>140 26 57<br>186 30 81 29<br>(OP: MØVKY)<br>497 32 93<br>(OP: MØVKY)<br>49  
  | *ES2TT<br>*ES3BH<br>*ES3CN<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MS<br>*R100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1F<br>*UA1A<br>RL5A<br>RM5F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3DR<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RM3DA<br>RC2A<br>RM3C<br>RM3DA<br>RC2A<br>RM3C<br>RM3DA<br>RC2A<br>RM3C<br>RM3DA<br>RC3A<br>RC3FL<br>RM3C<br>RX3APM<br>RC3A  
                    | <b>Euro</b><br>AA<br>AA<br>3.5A<br>1.8A<br>AA<br>1.8A<br>AA<br>1.8A<br>AA<br>21A<br>21A<br>14A<br>7A<br>3.5A<br>14A<br>1.8A<br>AA<br>1.8A<br>AA<br>1.8A<br>AA<br>1.8A<br>AA<br>1.8A<br>AA<br>1.8A<br>1.8  | 6,960<br>945<br>325,304<br>11,830<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>93,532<br>53,360<br>757,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>3,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>195<br>195<br>24<br>169,260<br>154,364<br>135,765<br>675,078  | (UP: E)           48         2           32         1           115         1           sia         673           673         10           55         2           127         1           2397         3           241         32           107         3           108         100           109         1           109         1           108         10           58         3310           502         9           444         1392           1005         1           58         502           597         425           502         9           445         14           1392         10           1085         13           527         8           5274         8           204         23           2123         5           2242         6           2421         3           13         1           7         2           1233         1           2421   
   | S7G       357         90       25         91       25         92       25         93       64         94       99         95       441         99       92         90       85         92       135         93       14         94       26         94       26         95       444         99       22         92       241         93       179         93       1977         93       1977         93       1977         93       1977         93       1977         943       1997         95       241         96       22         977       128         99       22         90       23         977       128         90       27         91       128         92       116         93       128         94       128         95       18         96       22         97 <td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RJ6K<br/>*RN6AT<br/>*RA6HG<br/>RG8G<br/>R9GM<br/>UA9FAR<br/>*RM8G<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>F<br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DF6QV<br/>DL1NKS<br/>DHØGHU<br/>DF3VM<br/>DL5QAC<br/>DL1BUG<br/>DL1QW<br/>DJ3MH<br/>DK4SR<br/>DL8WEM<br/>DL7QU<br/>DL5JS<br/>DL5JS<br/>DL5JS<br/>DL5JS<br/>DL5JS<br/>DL5JQ<br/>DL1ATZ<br/>DJ5AN<br/>DL1NEO<br/>DJ8RS<br/>DL5JQ<br/>DL1ATZ<br/>DJ5AN<br/>DL1ATZ<br/>DJ5AN<br/>DL5JQ<br/>DL1ATZ<br/>DJ5AN</td> <td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>3.5A<br/>Fa<br/>28A<br/>Gd. R<br/>6<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4</td> <td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Dpean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>roce Island</b><br/>100,842<br/><b>ep. of
Ge</b><br/>5,508,594<br/>4,790,916<br/>3,026,432<br/>2,820,436<br/>2,303,192<br/>2,824,698<br/>2,005,488<br/>1,893,552<br/>1,777,816<br/>2,348,800<br/>2,337,996<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,348,800<br/>2,337,996<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,348,800<br/>2,337,996<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,348,800<br/>2,337,996<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,348,800<br/>2,337,996<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,348,800<br/>2,337,996<br/>2,303,192<br/>2,284,698<br/>2,109,376<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,337,996<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,800<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900<br/>2,348,900</td> <td>304<br/>149<br/>182<br/>103<br/>135<br/>23<br/>125<br/>125<br/>109<br/>578<br/>289<br/>455<br/>191<br/>146<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>146<br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>146<br/>1817<br/>162<br/>112<br/>1817<br/>162<br/>115<br/>177<br/>1624<br/>112<br/>1577<br/>1644<br/>115<br/>1577<br/>1644<br/>115<br/>1577<br/>1644<br/>115<br/>1577<br/>1644<br/>115<br/>1577<br/>1644<br/>115<br/>1577<br/>1657<br/>1657<br/>177<br/>177<br/>1647<br/>1257<br/>1647<br/>12<br/>1577<br/>1657<br/>1657<br/>177<br/>177<br/>1657<br/>1657<br/>177<br/>177<br/>1657<br/>1657<br/>177<br/>177<br/>1657<br/>1657<br/>177<br/>177<br/>1657<br/>1657<br/>177<br/>177<br/>1657<br/>1657<br/>177<br/>177<br/>1657<br/>177<br/>177<br/>1657<br/>177<br/>177<br/>1657<br/>177<br/>177<br/>177<br/>1657<br/>177<br/>177<br/>177<br/>177<br/>177<br/>1657<br/>177<br/>177<br/>177<br/>177<br/>177<br/>177<br/>177<br/>1</td> <td>40         142           43         125           43         125           43         125           57         755           31         53           16         15           31         84           47         96           24         79           14         61           73         249           41         151           30         99           92         120           13         6           31         84           47         96           92         120           13         26           6         31           6         31           6         31           66         570           55         551           77         588           66         570           59         571           58         557           59         571           58         589           59         571           58         383           50         367           5</td>   | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RJ6K<br>*RN6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU<br>DF3VM<br>DL5QAC<br>DL1BUG<br>DL1QW<br>DJ3MH<br>DK4SR<br>DL8WEM<br>DL7QU<br>DL5JS<br>DL5JS<br>DL5JS<br>DL5JS<br>DL5JS<br>DL5JQ<br>DL1ATZ<br>DJ5AN<br>DL1NEO<br>DJ8RS<br>DL5JQ<br>DL1ATZ<br>DJ5AN<br>DL1ATZ<br>DJ5AN<br>DL5JQ<br>DL1ATZ<br>DJ5AN   
   | 14A<br>AA<br>7A<br>3.5A<br>AA<br>3.5A<br>AA<br>3.5A<br>AA<br>3.5A<br>Fa<br>28A<br>Gd. R<br>6<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4                 | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dpean Tur</b><br>64,024<br>2,418<br>2,146<br><b>roce Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594<br>4,790,916<br>3,026,432<br>2,820,436<br>2,303,192<br>2,824,698<br>2,005,488<br>1,893,552<br>1,777,816<br>2,348,800<br>2,337,996<br>2,303,192<br>2,284,698<br>2,109,376<br>2,348,800<br>2,337,996<br>2,303,192<br>2,284,698<br>2,109,376<br>2,348,800<br>2,337,996<br>2,303,192<br>2,284,698<br>2,109,376<br>2,348,800<br>2,337,996<br>2,303,192<br>2,284,698<br>2,109,376<br>2,348,800<br>2,337,996<br>2,303,192<br>2,284,698<br>2,109,376<br>2,348,800<br>2,337,996<br>2,303,192<br>2,284,698<br>2,109,376<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,337,996<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,800<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900<br>2,348,900   | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>125<br>109<br>578<br>289<br>455<br>191<br>146<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>146<br>130<br><b>key</b><br>130<br><b>key</b><br>146<br>1817<br>162<br>112<br>1817<br>162<br>115<br>177<br>1624<br>112<br>1577<br>1644<br>115<br>1577<br>1644<br>115<br>1577<br>1644<br>115<br>1577<br>1644<br>115<br>1577<br>1644<br>115<br>1577<br>1657<br>1657<br>177<br>177<br>1647<br>1257<br>1647<br>12<br>1577<br>1657<br>1657<br>177<br>177<br>1657<br>1657<br>177<br>177<br>1657<br>1657<br>177<br>177<br>1657<br>1657<br>177<br>177<br>1657<br>1657<br>177<br>177<br>1657<br>1657<br>177<br>177<br>1657<br>177<br>177<br>1657<br>177<br>177<br>1657<br>177<br>177<br>177<br>1657<br>177<br>177<br>177<br>177<br>177<br>1657<br>177<br>177<br>177<br>177<br>177<br>177<br>177<br>1  | 40         142           43         125           43         125           43         125           57         755           31         53           16         15           31         84           47         96           24         79           14         61           73         249           41         151           30         99           92         120           13         6           31         84           47         96           92         120           13         26           6         31           6         31           6         31           66         570           55         551           77         588           66         570           59         571           58         557           59         571           58         589           59         571           58         383           50         367           5                     |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29Al<br>*HS8N<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*A65/<br>DL2R<br>UK9AA<br>XV9DL<br>9M2TC<br>9M2TC<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI<br>0E5CI  | IAA       IAA         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII  
   
  | 327,669           60,755           4,560           327,669           60,755           4,560           21,900           15,745           40           30,810           ed Arab Em           688,288           Uzbekistar           427,893           Vietnam           63,130           Vest Malays           412,104           EUROPEE           Aland Island           3,35,400           2,098,270           1,923,933           184,860           111,034           1,836,860           550,818           310,750           32,809           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658  
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           141         19         57           1321         33         96           408         41         77           sia        
913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019           3128         143         490         (OP: OH6LI)           2740         120         368         3019           3128         143         490         (OP: OE3TXF)           2005         124         395         140           362         232         163         8           100         6         34         182           100         6         34         182  
  | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y<br>9A5D<br>9A5D<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A8M<br>*9A7T<br>*9A1DR<br>*9A2W<br>*9A7T<br>*9A1DR<br>*9A2W<br>*9A7T<br>*9A1DR<br>*9A3K<br>9A1CFR<br>9A8M<br>*9A7T<br>*9A3MA<br>*9A4W<br>*9A7Y<br>*9A6D<br>*9A4BT<br>*9A3LG<br>*9A7Z<br>OLØW<br>OL7D<br>OK1VK<br>OK2QA<br>OL6P<br>OK1PI<br>OK12K<br>OK16P<br>OK1DX<br>OK1FPG<br>OK1DX<br>OK1FPG<br>OK1DX<br>OK7NV<br>OK4X<br>OL9Z   | " 28A 21A
21A 21A 1.8A " 28A " 14A   | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>10,9048<br>6,120<br>2,772<br>60,704<br>13,623<br>10,553<br>86,714<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>13,623<br>10,553<br>86,704<br>14,5121<br>19,83,240<br>967,587<br>154,440<br>72,982<br>39,160<br>61,182<br>41,382<br>834,716   | 351 27 101<br>(OP: LZ7DP)<br>99 310 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 64 95<br>(OP: 9A2VF)<br>1758 37 138<br>(OP: 9A7DX)<br>1484 37 138<br>(OP: 9A7DX)<br>1484 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A5MU)<br>741 59 204<br>605 57 191<br>317 62 201<br>323 59 113<br>38 26 34<br>25 19 25<br>240 30 82<br>198 13 44<br>146 14 47<br>50<br>102<br>102<br>102<br>102<br>102<br>102<br>102<br>10   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4QNT<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØRNR<br>G6AD<br>MØNGN<br>GØEAS<br>MØRNR<br>G6AD<br>MØXAC<br>G8X<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5D<br>MØHOM<br>MØUNN<br>GØKPE<br>*G4PVM<br>*M2J<br>*G3RLE<br>*GØOOD   | AA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a                                     |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>6703,716<br>650,925<br>556,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,080<br>331,499<br>121,275<br>32,038<br>14,080<br>331,499<br>121,275<br>32,038<br>14,087<br>55,200<br>92,988<br>14,690<br>350,840<br>178,227<br>81,661<br>36,240<br>10,505<br>2,036,949<br>858,390<br>621,560<br>546,674<br>540,274  | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         162         558         22         65         220           812         53         162         555         22         65         200           812         53         162         595         62         177           582         65         200         812         53         162           595         62         177         582         69         189           507         77         582         69         189         207         53         123           114         41         153         27         57         93         28         76           917         31         37         20         26         45         15         14  
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10M<br>*RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1F<br>*UA1A<br>RL5A<br>RM35F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3UT<br>RU5A<br>RSGR<br>RM2E<br>RT5T<br>RA3BQ<br>RC2A<br>RX3AEX<br>RM2E<br>RT5T<br>RA3BQ<br>R3CW<br>RQ3A<br>RM3CA<br>R3AB<br>RU3SD<br>R2AOQ<br>R3TE<br>R2DA<br>R3CW<br>RQ3A<br>R3AB<br>RU3SD<br>R2AOQ<br>R3TE<br>R2DA<br>R3CW<br>RQ3A<br>R3CF<br>UA3AB<br>RU3SD<br>R2AOQ<br>R3TE<br>R2DA<br>R3CF<br>R3SC<br>RX3N<br>RL3A<br>RC3FL<br>R3ZZ<br>RV3FF<br>RD3AW<br>RC3A<br>RC3FL<br>R3ZJ<br>UA3OGT   
  | <b>Euro</b><br>AA<br>AA<br>3.5A<br>1.8A<br>AA<br>1.8A<br>AA<br>1.8A<br>AA<br>21A<br>21A<br>14A<br>7A<br>3.5A<br>1.8A<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4   | 6,960<br>945<br>325,304<br>11,830<br>Decan Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>95,7,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>997,568<br>33,444,220<br>997,568<br>33,444,220<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,280<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>144,102<br>106,898<br>103,411<br>66,951<br>46,320<br>42,772<br>29,866<br>3,525<br>2,808<br>1,940<br>575,078<br>135,765<br>675,078  | $\begin{array}{c} (0F:E)\\ 48 & 2\\ 32 & 1\\ 1410 & 3\\ 115 & 1\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $   
   | S7G       357         9       357         9       357         9       357         9       364         9       379         38       299         39       224         30       197         317       120         38       210         275       121         38       210         275       121         38       214<  
   |
*RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RA6K<br>*RN6AT<br>*RA6HC<br>*RA6HC<br>*RA6HC<br>*RA6DT<br>*RK6HG<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br><b>F</b><br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5JJ<br>DH3KS<br>DHØGHU<br>DF3VM<br>DL5GAC<br>DL1BUG<br>DL1WKS<br>DHØGHU<br>DF3VM<br>DL5GAC<br>DL1BUG<br>DL5JS<br>DHØCHU<br>DF3JM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5JQ<br>DH7KU<br>DL5JQ<br>DH7KU<br>DL5JQ<br>DH7KU<br>DL5JQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DL5SQ<br>DH7KU<br>DK8ZZ<br>DF5EG<br>DH7KU   | 14A<br>AA<br>7A<br>3.5A<br>AA<br>23.5A<br>AA<br>23.5A<br>Fa<br>28A<br>Fa<br>28A  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Opean Tur</b><br>64,024<br>2,418<br>2,146<br><b>roce Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,109,376<br>1,250,325<br>1,777,816<br>1,209,348<br>1,250,325<br>1,007,01,096<br>1,253,259<br>1,1058,940<br>1,025,3,259<br>1,1058,940<br>1,029,345<br>1,001,096<br>2,838,722<br>853,876<br>823,876<br>823,876<br>823,876<br>823,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>835,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>845,876<br>846,876<br>846,876<br>846,876<br>846,876<br>846,876<br>846,876<br>8   | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>109<br>578<br>289<br>455<br>191<br>146<br>70<br>146<br>70<br>146<br>70<br>146<br>70<br>146<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>187<br>167<br>198<br>187<br>167<br>187<br>167<br>198<br>167<br>19<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>157<br>167<br>17<br>158<br>17<br>167<br>17<br>158<br>17<br>167<br>17<br>158<br>17<br>167<br>17<br>158<br>17<br>17<br>17<br>17<br>17<br>17<br>17<br>17<br>17<br>17   | 40         142           43         125           43         125           43         125           54         110       
   55         76           57         755           31         53           16         15           31         84           47         96           24         79           424         79           14         61           73         249           41         151           30         99           22         78           65         537           55         551           77         588           69         574           28         365           505         551           77         588           69         544           28         387           324         599           71         565           318         331           324         599           365         528           47         403           28         387                   |
| E21YD<br>HS3NE<br>*HS67<br>*HS8N<br>*E29AI<br>*HS8N<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H | Image: Second state sta   
  | 327,669           60,755           4,560           327,669           60,755           4,560           37,376           21,900           21,900           6688,288           Uzbekistar           427,893           Vietnam           63,130           Vest Malays           412,104           EUROPEE           Aland Island           3,135,400           2,098,270           1,923,933           184,860           111,034           1,836,860           550,818           310,750           3,680           550,818           310,750           3,680           530,875           Belarus           4,658,743           4,658,743           4,642,288           1,337,639           993,800           632,045           912,706           393,576           4,658,773           4,658,7743           4,658,7743           4,658,776           393,576           303,576     <   
   
  | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         53           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OHELI)           2740         120         368         3019           3019         121         414         (OP: G3TXF)           2050         162         32         163           3019         121         414         (OP: G3TXF)           2050         162         32         163           3019         121         414         (OP: G23KAB)           4163         175         3118           (OP: OE2GEN)         61         65           614         67         303           119   
   
  | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>*9A7Y<br>*9A1DR<br>*9A2KI<br>*9A3MA<br>*9A2KI<br>*9A3MA<br>*9A2KI<br>*9A3MA<br>*9A2KI<br>*9A3MA<br>*9A4W<br>*9A7Y<br>*9A6D<br>*9A3C<br>*9A7ZZ<br>OL2W<br>OL7D<br>OK1VK<br>OK2QA<br>OL6P<br>OK1PI<br>OK2SG<br>OK1PI<br>OK2SG<br>OK1PK<br>OK2RU<br>OK1DX<br>OK2RU<br>OK1DX<br>OK7NV<br>OK4X<br>OL9Z<br>OK2BPU<br>OK6W  | 28A<br>21A<br>14A<br>14A<br>1.8A<br>28A<br>4<br>3.5A<br>AA<br>4<br>3.5A<br>AA<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4   |
56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,553,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>10,953<br>60,704<br>13,623<br>10,553<br>82,593,570<br>2,276,520<br>1,3623<br>10,553<br>844,075,822<br>2,593,570<br>2,276,520<br>1,36,233<br>10,553<br>840,75,872<br>2,593,570<br>2,276,520<br>1,36,233<br>10,553<br>844,040<br>2,772<br>2,593,570<br>2,276,520<br>1,36,233<br>10,553<br>840,75,250<br>1,44,00<br>72,982<br>39,160<br>61,182<br>41,382<br>834,716<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>157,560<br>1,069,7752<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,440<br>154,   | 351 27 101<br>(OP: LZ7DP)<br>99 312 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A2VR)<br>1758 37 133<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5H)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A3KH)<br>775 32 107<br>303 153 475<br>(OP: 9A5MF)<br>741 59 204<br>605 57 191<br>317 62 201<br>38 26 34<br>25 19 25<br>240 30 82<br>198 13 44<br>146 14 47<br>ODIC<br>3003 165 558<br>(OP: OK1DSZ)<br>2810 129 424<br>(OP: OK1DG)<br>1833 151 471<br>1487 105 328<br>118 11 84<br>266 77 183<br>3173 38 134<br>(OP: OK2PVF)<br>159 110 269<br>539 91 287<br>311 81 84<br>266 77 183<br>3173 38 134<br>(OP: OK2PVF)<br>620 32 98<br>3173 38 136   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WJF<br>G4IZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4CTY<br>G0ESC<br>M0DSL<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0PAS<br>M0RNR<br>G6AD<br>M0XAC<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5W<br>M5D<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0 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81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,030<br>331,499<br>121,275<br>32,038<br>14,100<br>562,485<br>151,522<br>140,875<br>95,200<br>92,988<br>14,690<br>350,840<br>178,227<br>81,661<br>156,240<br>178,227<br>81,661<br>136,240<br>178,227<br>81,661<br>136,240<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>29,888<br>14,690<br>350,849<br>858,390<br>621,560<br>54,674<br>540,274<br>281,995   | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: GJTBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         223         102         253           1014         80         227         57         262         200           510         60         227         466         89         320         553         105         255         822         65         200         812         53         162         595         62         173         (OP: GJORY)         595         87         177         582         69         189         511         44         115         359         43         123         200         52         139         207         73         123         194         38         84         (OP: GMEJKU)         143         28         74         153         27         57         183         123         104         183         29         160         657         108         18  
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10HX<br>RV1CC<br>R1DX<br>RA10HX<br>RV1CC<br>R1DX<br>RA10HX<br>R1DX<br>RA10HX<br>R1DX<br>RA10HX<br>R1DX<br>RA10HX<br>R1DX<br>RA10HX<br>R1DX<br>RA10HX<br>R1DX<br>R1DX<br>R3DX<br>R3DX<br>R3DX<br>R3DX<br>R3DX<br>R3DX<br>R3DX<br>R3   
  | <b>F</b><br><b>7</b><br><b>7</b><br><b>7</b><br><b>7</b><br><b>7</b><br><b>7</b><br><b>7</b><br><b>7</b><br><b>7</b><br><b>7</b>  | 6,960<br>945<br>325,304<br>11,830<br>Dean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>3,641,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,080<br>144,102<br>166,898<br>103,411<br>66,951<br>46,320<br>42,772<br>40,870<br>29,866<br>3,525<br>2,808<br>1,940<br>57,57<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>195<br>24<br>105,775<br>195<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>195<br>24<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,775<br>105,7 | $\begin{array}{c} (0P:E)\\ 48 & 2\\ 32 & 1\\ 1410 & 3\\ 115 & 1\\ \\ \hline \\ \mbox{sia} \\ \hline \\ 673 & 10\\ 55 & 2\\ 397 & 3\\ 241 & 3\\ 502 & 2\\ 127 & 1\\ 293 & 5\\ 502 & 2\\ 127 & 1\\ 293 & 5\\ 502 & 2\\ 127 & 1\\ 293 & 5\\ 100 & 1\\ 139 & 1\\ 58 \\ \hline \\ \mbox{sia} \\ \hline \\ 3100 & 1\\ 139 & 1\\ 58 \\ \hline \\ 3310 & 15\\ 3100 & 1\\ 139 & 1\\ 58 \\ \hline \\ 3310 & 15\\ 3100 & 1\\ 139 & 1\\ 58 \\ \hline \\ 3310 & 15\\ 3100 & 1\\ 139 & 1\\ 58 \\ \hline \\ 3310 & 15\\ 3100 & 1\\ 139 & 1\\ 58 \\ \hline \\ 3310 & 15\\ 3100 & 1\\ 139 & 1\\ 58 \\ \hline \\ 3310
& 15\\ 3100 & 1\\ 139 & 1\\ 58 \\ \hline \\ 3310 & 15\\ 58 \\ 596 & 7\\ 425 & 8\\ 368 & 7\\ 425 & 8\\ 420 $  | S7G       357         50       25         50       25         25       24         26       364         44       9         26       364         45       364         45       364         45       364         45       364         45       9         26       364         45       9         27       135         28       29         29       243         29       244         29       244         29       244         29       244         20       437         20       438         29       241         20       247         21       128         20       21         20       21         20       21         20       22         21       28         21       28         22       21         23       116         23       126         21       28         22 <t<
td=""><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RJ6K<br/>*RA6AT<br/>*RA6AT<br/>*RA6DT<br/>*RA6HG<br/>RG8G<br/>R9GM<br/>UA9FAR<br/>*RM8G<br/>*UA9XL<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>F<br/>DM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DF6QV<br/>DL1NKS<br/>DHØGHU<br/>DF3VM<br/>DL5XJ<br/>DF6QV<br/>DL1NKS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DL5JS<br/>DL5JQ<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7KU<br/>DH7K</td><td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>21A<br/>3.5A<br/>AA<br/>21A<br/>3.5A<br/>Fa<br/>28A<br/>Fa<br/>28A<br/>Ced. R<br/>AA</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Dean Tur</b><br/><b>64,024</b><br/><b>25,883</b><br/>77,868<br/><b>22,072</b><br/><b>Dean Tur</b><br/><b>64,024</b><br/><b>2,118</b><br/><b>2,146</b><br/><b>100,842</b><br/><b>ep. of Ge</b><br/><b>5,508,594</b><br/>4,790,916<br/>3,919,095<br/>3,153,880<br/>3,026,432<br/>2,386,800<br/>2,337,996<br/>2,303,192<br/>2,284,698<br/>8,2005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488<br/>2,005,488</td><td>304<br/>149<br/>149<br/>182<br/>103<br/>135<br/>23<br/>125<br/>125<br/>125<br/>109<br/>578<br/>289<br/>455<br/>146<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/><b>key</b><br/>130<br/>146<br/>109<br/>146<br/>128<br/>1817<br/>16<br/>2818<br/>122<br/>16<br/>1617<br/>122818<br/>11<br/>2680<br/>11<br/>1627<br/>122818<br/>11<br/>2240<br/>11<br/>12281<br/>11<br/>1547<br/>14<br/>1557<br/>12281<br/>11<br/>1547<br/>14<br/>1557<br/>109<br/>122818<br/>11<br/>12281<br/>11<br/>1547<br/>14<br/>1557<br/>109<br/>12281<br/>11<br/>1547<br/>14<br/>1577<br/>10<br/>10<br/>12281<br/>11<br/>12285<br/>11<br/>10<br/>12285<br/>11<br/>10<br/>12285<br/>11<br/>10<br/>12285<br/>11<br/>10<br/>12285<br/>11<br/>10<br/>12285<br/>11<br/>10<br/>12285<br/>11<br/>10<br/>12285<br/>11<br/>10<br/>12285<br/>11<br/>10<br/>12285<br/>11<br/>10<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>12285<br/>11<br/>1228<br/>11<br/>1228<br/>11<br/>1228<br/>11<br/>1228<br/>11<br/>1228<br/>11<br/>1228<br/>11<br/>1228<br/>11<br/>1228<br/>11<br/>1228<br/>11<br/>1228<br/>11<b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        142           43         125           43         125           43         125           43         125           53         153           16         15           31         84           47         96           24         79           41         151           30         99           41         151           30         99           92         120           13         26           6         31           80         577           555         551           77         588           65         537           555         551           71         565           53         431           20         78           65         537           555         551           75         588           65         520           545         481           56         527           533         403           25         382           244         433</td></t<> |
*RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RJ6K<br>*RA6AT<br>*RA6AT<br>*RA6DT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>F<br>DM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU<br>DF3VM<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DL5JS<br>DL5JQ<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7KU<br>DH7K | 14A<br>AA<br>7A<br>3.5A<br>AA<br>21A<br>3.5A<br>AA<br>21A<br>3.5A<br>Fa<br>28A<br>Fa<br>28A<br>Ced. R<br>AA  | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dean Tur</b><br><b>64,024</b><br><b>25,883</b><br>77,868<br><b>22,072</b><br><b>Dean Tur</b><br><b>64,024</b><br><b>2,118</b><br><b>2,146</b><br><b>100,842</b><br><b>ep. of Ge</b><br><b>5,508,594</b><br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,386,800<br>2,337,996<br>2,303,192<br>2,284,698<br>8,2005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488<br>2,005,488  | 304<br>149<br>149<br>182<br>103<br>135<br>23<br>125<br>125<br>125<br>109<br>578<br>289<br>455<br>146<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br>146<br>109<br>146<br>128<br>1817<br>16<br>2818<br>122<br>16<br>1617<br>122818<br>11<br>2680<br>11<br>1627<br>122818<br>11<br>2240<br>11<br>12281<br>11<br>1547<br>14<br>1557<br>12281<br>11<br>1547<br>14<br>1557<br>109<br>122818<br>11<br>12281<br>11<br>1547<br>14<br>1557<br>109<br>12281<br>11<br>1547<br>14<br>1577<br>10<br>10<br>12281<br>11<br>12285<br>11<br>10<br>12285<br>11<br>10<br>12285<br>11<br>10<br>12285<br>11<br>10<br>12285<br>11<br>10<br>12285<br>11<br>10<br>12285<br>11<br>10<br>12285<br>11<br>10<br>12285<br>11<br>10<br>12285<br>11<br>10<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>12285<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>11<br>1228<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12   | 40         142           43         125           43         125           43         125           43         125       
   53         153           16         15           31         84           47         96           24         79           41         151           30         99           41         151           30         99           92         120           13         26           6         31           80         577           555         551           77         588           65         537           555         551           71         565           53         431           20         78           65         537           555         551           75         588           65         520           545         481           56         527           533         403           25         382           244         433                   |
| E21YD<br>HS3NE<br>*HS6Z<br>*HS8N<br>*E29AI<br>*HS8U<br>*E20H<br>*HS8U<br>*E20H<br>*HS8U<br>*E20H<br>*HS8U<br>*E20H<br>*HS8U<br>*E20H<br>*HS8U<br>*E20H<br>*HS8U<br>*E20H<br>*HS8U<br>*E20H<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U<br>*HS8U | $\begin{array}{c} \mathbf{H} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} A$  
   
  | 30,755           586,440           327,669           327,669           60,755           4,560           37,376           21,900           30,810           ad Arab Em           688,288           Uzbekistar           427,893           Vietnam           63,130           Vest Malays           412,104           EUROPEE           Aland Island           3,35,400           2,098,270           1,923,933           184,860           111,034           1,836,860           550,818           310,750           32,809           66,768           alearic Islar           3,37,639           1,221,858           998,580           632,045           193,763           1,221,858           998,580           632,045           193,763           1,21,858           998,580           632,045           193,763           1,21,858           998,580           632,045     <   
   
                          | 897         90         234           567         65         174           189         50         95           50         25         32           264         20         33           144         19         53           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OH6LI)           2740         120         368         3019         121         414           (OP: OE3KAB)         436         65         169         261         66         169           261         66         169         261         66         169         261         37           100         5         59         132         137         765         33         112           3539         159         524         100         353         128         286  
  |
*LZ5B<br>*LZ5B<br>*LZ2B<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>*9A7T<br>*9A1DR<br>*9A2KI<br>*9A3MA<br>*9A7T<br>*9A6D<br>*9A7T<br>*9A6D<br>*9A7T<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*9A6D<br>*9A7Y<br>*0L7D<br>OLØW<br>OL7D<br>OK1VK<br>OK2QA<br>OL6P<br>OK1PI<br>OK12K<br>OK2BU<br>OK1DO<br>OK1PI<br>OK2SG<br>OK1DO<br>OK7NV<br>OK4X<br>OL9Z<br>OK2BPU<br>OK6W<br>OL3A   | а<br>28А<br>21А<br>14А<br>1.8А<br>а<br>28А<br>7А<br>28А<br>7А<br>3.5А<br>АА<br>а<br>а<br>а<br>28А<br>7А<br>28А<br>7А<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а                                     | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>61,20<br>2,772<br>60,704<br>13,653<br>962,822<br>2,593,570<br>2,276,520<br>1,185,121<br>983,240<br>967,587<br>404,082<br>159,560<br>1,57,560<br>1,069,752<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,383<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385<br>361,385   | 351 27 101<br>(OP: LZ7DP)<br>99 31 49<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5U)<br>773 153 2107<br>303 29 89<br>1341 28 101<br>(OP: 9A5WI)<br>733 153 475<br>(OP: 9A5MR)<br>741 59 204<br>305 155 57<br>(OP: 9A5MR)<br>741 59 204<br>305 155 57<br>191<br>317 62 201<br>323 59 113<br>38 26 34<br>25 19 25<br>240 30 82<br>198 13 44<br>16 14 47<br>105<br>3003 165 558<br>(OP: OK1DSZ)<br>2810 129 424<br>(OP: OK1DG)<br>1833 151 471<br>1487 105 328<br>1184 108 362<br>(OP: OK1DG)<br>159 110 269<br>589 91 287<br>311 81 184<br>286 77 183<br>175 51 165<br>309 31 60<br>160 31 79<br>288 29 74<br>(OP: OK1UXH)<br>250 38 134<br>(OP: OK1UXH)<br>250 38 134<br>(OP: OK1UXH)<br>250 38 134<br>(OP: OK1UXH)<br>250 38 134<br>(OP: OK1UXH)<br>250 32 98<br>3173 38 136<br>(OP: OK1UXH)<br>250 38 134<br>(OP: OK1UXH)  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4OWT<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØEAS<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØEAS<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØAAC<br>G8X<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M70<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5W<br>M5D<br>MØHOM<br>MØUNN<br>GØKPE<br>'G4PVM<br>'*M3N   | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   |
81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,317<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,312<br>3,174<br>3,174<br>3,312<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,174<br>3,1743,174<br>3,174<br>3, | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: GJTBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         223         103         60         227           466         89         320         553         105         255         822         65         200         812         53         162         595         62         173         (OP: GJORY)         595         87         177         582         69         189         511         44         153         594         3123         200         52         139         207         53         123         139         143         123         200         52         139         207         53         123         134         38         4         (OP: MØBUL)         143         28         74         153         27         79         32         87         15         16         145         15         41         975         35         123         14<  
  | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10<br>RV1CC<br>R1DX<br>RA10MS<br>*R100<br>*R1CAA<br>*UA1F<br>*UA1A<br>*UA1A<br>*UA1F<br>*UA1A<br>RL5A<br>RM5F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3DR<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3DNC<br>RM3DA<br>RC2A<br>R3CF<br>UA3AB<br>RU5A<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>RM3C<br>R3CF<br>R3CF<br>R3CF<br>R3CF<br>R3CF<br>R3CF<br>R3CF<br>R3  
  | <b>Euro</b><br>AA<br>3.5A<br>1.8A<br>4.<br>14A<br>1.8A<br>4.<br>14A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>4.<br>1.8A<br>1.8A<br>1.8A<br>1.8A<br>1.8A<br>1.8A<br>1.8A<br>1.8  | 6,960<br>945<br>325,304<br>11,830<br><b>Dean Rus</b><br><b>District 1</b><br>522,466<br>7,995<br>93,532<br>53,360<br>93,532<br>53,360<br>757,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br><b>District 3</b><br>3,444,220<br>3,041,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>144,102<br>106,898<br>103,411<br>66,951<br>46,951<br>46,951<br>46,955<br>2,808<br>1,940<br>575<br>2,9570<br>23,048<br>6<br>113,565<br>760,778<br>135<br>729,570<br>23,048<br>6<br>113,565<br>760,777<br>12,212<br>6,384<br>415,160<br>365,310<br>245,700  | (UP: E)         (UP: E)           48         2         1           48         2         1           110         3         1           115         1         1           sia         673         10           502         2397         3           241         32         117           139         1         139           100         1         139           100         1         139           100         1         139           58         3310         15           33444         144           1392         10           1085         13           527         8           502         9  
        442         6           2425         6           2426         6           2427         2           669         3           123         5           549         2           13         1           7         1           2227         1           138         1           7         1   | S7G       357         55       25         56       121         57       355         58       121         59       25         50       121         50       121         50       121         50       121         50       121         50       121         51       121         52       123         53       124         50       125         50       125         50       125         50       125         50       124         50       125         50       125         50       125         50       126         51       127         52       126         53       127         54       128         50       127         52       126         51       127         52       127         53       128         54       128         57       128         58       127  
   |
*RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RA6AT<br>*RA6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>FDM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5JQ<br>DHAXZ<br>DF5EG<br>DL1NEO<br>DJ8RS<br>DL5JQ<br>DF5EG<br>DL5SC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC<br>DF8XC | 14A<br>AA<br>7A<br>3.5A<br>AA<br>3.5A<br>AA<br>21A<br>3.5A<br>Fa<br>28A<br>Gd. R<br>A<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4                        | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dpean Tur</b><br>64,024<br>2,418<br>2,146<br><b>roce Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,820,436<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,100,096<br>3,37,596<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708<br>637,708  | 304<br>149<br>149<br>125<br>103<br>135<br>233<br>125<br>125<br>109<br>578<br>289<br>455<br>191<br>146<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>146<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>146<br>1817<br>162<br>112<br>1817<br>162<br>112<br>1817<br>162<br>112<br>1817<br>162<br>112<br>1817<br>162<br>112<br>1577<br>141<br>1817<br>162<br>112<br>1577<br>162<br>112<br>1577<br>162<br>112<br>1577<br>162<br>112<br>1577<br>162<br>112<br>1577<br>162<br>112<br>1577<br>162<br>112<br>1577<br>162<br>112<br>1577<br>162<br>112<br>1577<br>162<br>112<br>1577<br>162<br>112<br>1577<br>163<br>163<br>163<br>163<br>163<br>163<br>163<br>163  | 40         142           43         142           43         142           43         142           43         142       
   53         16           55         76           57         755           31         53           16         15           31         84           47         96           24         79           41         151           30         99           92         120           73         249           41         151           30         99           92         120           78         631           631         631           64         570           55         551           77         588           650         571           555         551           77         588           66         570           58         457           471         565           5333         403           525         383           5318         351               |
| E21YD<br>HS3NE<br>*HS67<br>*E29Al<br>*E29Al<br>*E29Al<br>*HS8N<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*A65/<br>DL2R<br>UK9AA<br>XV9DL<br>9M2TC<br>9M2TC<br>0E50I<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E3G<br>0E5T?<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5C  | IAA       AA         IAA       AA         IAA       AA         IAA       AA         IAA       AA         IAA       AA         MC       AA         MC       AA         MA       AA         IAA       AA         MC       AA         IAA       IAA  
   
   | 327,669           60,755           4,560           327,669           60,755           4,560           21,900           15,745           40           30,810           ed Arab Em           688,288           Uzbekistar           427,893           Vietnam           63,130           Vest Malays           412,104           EUROPEE           Aland Island           3,35,400           2,098,270           1,923,933           184,860           111,034           1,188           310,750           3,680           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,763           93,206           393,376 <td>897         90         234           567         65         174           189         50         25         32           264         20         53           144         19         53           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           sia         913         61         162           sia         913         61         162           conder         64         44         490           (OP: OP: CHAELI)         2005         124         395           2015         124         395         163         8           3019         121         414         (OP: CHAELI)           2005         124         395         163         38           100         6         34         1828         132         448           625         103         38         119<td>*LZ5B<br/>*LZ5B<br/>*LZ2JU<br/>*LZ1ZP<br/>*LZ3DJ<br/>*LZ2MP<br/>*LZ7R<br/>*LZ6C<br/>9A3YT<br/>9A5AET<br/>9A4BA<br/>9A1KDE<br/>9A5Y<br/>9A5D<br/>9A5D<br/>9A2U<br/>9A5D<br/>9A2U<br/>9A3K<br/>9A1CFR<br/>9A8M<br/>*9A7T<br/>*9A1DR<br/>*9A2W<br/>*9A7T<br/>*9A1DR<br/>*9A2W<br/>*9A7T<br/>*9A1DR<br/>*9A3K<br/>9A1CFR<br/>9A8M<br/>*9A7T<br/>*9A3D<br/>*9A4W<br/>*9A7T<br/>*9A3DR<br/>*9A7Y<br/>*9A6D<br/>*9A4BT<br/>*9A3BT<br/>*9A4W<br/>*9A7Y<br/>*9A6D<br/>*9A4BT<br/>*9A3C<br/>*9A7Z<br/>OLØW<br/>OL7D<br/>OK1VK<br/>OK2QA<br/>OL6P<br/>OK1PI<br/>OK2SG<br/>OK1ALX<br/>OK1PZ<br/>OK2BPU<br/>OK6W<br/>OL3A<br/>OK1UXH</td><td>а<br/>28А<br/>21А<br/>21А<br/>1.8А<br/>а<br/>а<br/>28А<br/>а<br/>28А<br/>а<br/>3.5А<br/>АА<br/>а<br/>а<br/>а<br/>а<br/>28А<br/>АА<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а</td><td>56,704<br/>13,600<br/>89,472<br/>1,716<br/>53,053<br/>7,938<br/>2,945<br/>Croatia<br/>1,593,515<br/>1,051,050<br/>816,462<br/>225,412<br/>112,572<br/>648,200<br/>517,820<br/>265,760<br/>220,593<br/>60,888<br/>267,159<br/>982,820<br/>335,588<br/>243,040<br/>128,081<br/>109,048<br/>6,120<br/>2,772<br/>60,704<br/>13,623<br/>10,553<br/>80,714<br/>10,553<br/>80,714<br/>13,623<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>10,553<br/>80,7185<br/>10,553<br/>10,553<br/>80,7185<br/>10,553<br/>10,553<br/>80,7185<br/>10,553<br/>10,553<br/>10,553<br/>10,553<br/>10,553<br/>10,553<br/>10,553<br/>11,85,121<br/>983,240<br/>157,560<br/>1,185,121<br/>983,240<br/>157,560<br/>1,185,222<br/>39,160<br/>61,182<br/>834,716<br/>157,560<br/>1,069,752<br/>361,383<br/>12,932</td><td>351 27 101<br/>(OP: LZ7DP)<br/>99 31 296<br/>57 8 18<br/>414 20 71<br/>135 9 45<br/>87 6 25<br/>(OP: LZ2UW)<br/>1985 98 287<br/>984 148 402<br/>1056 115 287<br/>(OP: W2HUV)<br/>584 50 168<br/>250 64 95<br/>(OP: 9A2VR)<br/>1758 37 138<br/>(OP: 9A7DX)<br/>1484 37 133<br/>(OP: 9A5DU)<br/>846 34 117<br/>(OP: 9A5U)<br/>775 32 107<br/>303 29 89<br/>1341 28 101<br/>(OP: 9A5MU)<br/>733 153 475<br/>(OP: OK15Z)<br/>240 30 82<br/>198 13 44<br/>146 14 47<br/>50<br/>105 57 191<br/>317 62 201<br/>323 59 113<br/>38 26 34<br/>25 19 25<br/>240 30 82<br/>198 13 44<br/>146 14 47<br/>50<br/>198 13 44<br/>146 14 47<br/>50<br/>109: OK1DS2)<br/>2810 129 424<br/>(OP: OK1DS2)<br/>2810 129 424<br/>(OP: OK1DS2)<br/>2810 129 424<br/>(OP: OK1DS2)<br/>2810 129 424<br/>(OP: OK1DS3)<br/>281 36<br/>183 151 471<br/>1487 105 328<br/>184 108 362<br/>(OP: OK1DS2)<br/>2810 29 74<br/>196 26 73<br/>(OP: OK1UXH)<br/>250 38 134<br/>(OP: OK1WH)<br/>250 38 134</td><td>G4IIY<br/>G6T<br/>M7W<br/>M1X<br/>G3VMW<br/>G4AMT<br/>G0BNR<br/>M0WLF<br/>G4IZZ<br/>G3SWH<br/>G4QNT<br/>M0DSL<br/>M2A<br/>M0WJE<br/>G4RKO<br/>G3YXX<br/>G4SND<br/>M0NGN<br/>G0B<br/>G4CTY<br/>G0EFO<br/>M0CAS<br/>M0RNR<br/>G6AD<br/>M0XAC<br/>G8X<br/>G4CTY<br/>G0EFO<br/>M0RNR<br/>G6AD<br/>M0XAC<br/>G8X<br/>G6AY<br/>G4KNO<br/>G4LPD<br/>M2G<br/>M7O<br/>M8A<br/>G3PJT<br/>G1GEY<br/>G3YJQ<br/>M5D<br/>M0HOM<br/>M0UNN<br/>G0XFPE<br/>*G4PVM<br/>*M2J<br/>*G3RLE<br/>*G0OOD<br/>*G4P<br/>*M9N<br/>*M5M</td><td>AAA<br/>AA<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a</td><td>81,579<br/>England<br/>3,179,736<br/>2,691,234<br/>2,290,484<br/>1,368,459<br/>817,036<br/>703,716<br/>650,925<br/>565,153<br/>550,466<br/>400,002<br/>393,840<br/>391,935<br/>353,890<br/>348,975<br/>341,880<br/>240,198<br/>14,880<br/>240,198<br/>14,877<br/>69,222<br/>67,996<br/>65,296<br/>54,168<br/>27,234<br/>23,174<br/>3,080<br/>331,499<br/>121,275<br/>32,038<br/>14,0875<br/>95,200<br/>92,988<br/>14,0875<br/>95,200<br/>92,988<br/>14,690<br/>350,840<br/>178,227<br/>81,661<br/>36,240<br/>10,505<br/>2,036,949<br/>858,390<br/>621,560<br/>546,674<br/>540,274<br/>281,995<br/>187,480<br/>177,480</td><td>297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         162         555         62         177           582         65         62         177         582         69         89         320           533         105         255         62         177         582         69         189           505         62         173         123         100         52         153           160         52         63         67         123         143         123           200         52         123         143         123         200         53         123           194         38         84         (OP: MØBUL)         133         720         26         45         15         14         975         35         <t<
td=""><td>*ES2TT<br/>*ES3BH<br/>*ES3BH<br/>*ES2DJ<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10MX<br/>*R1000<br/>*R1CAA<br/>*UA10MS<br/>*R1DX<br/>RV100<br/>*R1CAA<br/>*UA1F<br/>*UA1A<br/>RL5A<br/>RM35F<br/>RN3BL<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RM2E<br/>RT5T<br/>RA3BQ<br/>R3CW<br/>RQ3A<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RM2E<br/>RT5T<br/>RA3BQ<br/>R3CW<br/>RQ3A<br/>RM3C<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E</td><td><b>F7A</b><br/><b>7A</b><br/><b>7A</b><br/><b>3</b>.5<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A1</b>.8<b>A</b><br/><b>1</b>.8<b>A1</b>.8<b>1</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>111</b>.8<b>111</b>.8<b>1111111111111</b></td><td>6,960<br/>945<br/>325,304<br/>11,830<br/>Dean Rus<br/>District 1<br/>522,466<br/>7,995<br/>93,532<br/>53,360<br/>95,7974<br/>14,320<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District 3<br/>3,444,220<br/>997,568<br/>3,444,220<br/>997,568<br/>331,008<br/>313,066<br/>293,196<br/>188,370<br/>179,280<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>195,575<br/>2,808<br/>1,940<br/>5,755<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,957<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,957<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>18,570<br/>23,048<br/>113,565<br/>76,077<br/>12,212<br/>6,384<br/>415,160<br/>365,510<br/>24,5700<br/>170,587<br/>118,349<br/>110,700</td><td></td><td>S7G       3525         9       355         9       354         99       364         99       364         90       364         90       364         90       364         91       364         92       364         93       364         94       364         954       99         96       364         97       3135         98       259         102       259         102       2435         103       1797         103       1797         104       275         113       582         114       138         115       120         116       121         117       121         117       121         117       121         117       121         118       120         119       121         110       121         111       121         111       121         111       121         111       121</td><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6K<br/>*RN6AT<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6DT<br/>*RK6HG<br/>*RA6DT<br/>*RK6HG<br/>*UA9FAR<br/>*RM8G<br/>*UA9XX<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>FDM4X<br/>OY1CT<br/>FDM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3CG<br/>DL6NDW<br/>DL5XJ<br/>DH3CG<br/>DL1BUG<br/>DL5XJ<br/>DH3CAC<br/>DL1BUG<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL1NEO<br/>DJ8RS<br/>DL5JQ<br/>DH7KU<br/>DK8ZZ<br/>DF3EG<br/>DL6AC<br/>DH7CU<br/>DL5AX<br/>DJ9RR<br/>DL4JLM<br/>DL6AG<br/>DK3C1</td><td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>23.5A<br/>Fa<br/>28A<br/>Fa<br/>28A<br/>Cecl. R<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Opean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>roce Island</b><br/>100,842<br/><b>ep. of Ge</b><br/>5,508,594<br/>4,790,916<br/>3,919,095<br/>3,153,880<br/>3,026,432<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192</td><td>304<br/>149<br/>182<br/>103<br/>135<br/>23<br/>125<br/>109<br/>578<br/>233<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125</td><td>40         142          
142         142           142         142           13         125           143         125           145         76           155         76           155         76           155         76           141         151           142         47           96         24           92         120           14         61           73         249           141         151           30         99           92         120           65         537           55         551           141         151           30         99           92         120           78         6           577         588           65         571           589         544           28         385           29         365           544         483           28         385           28         385           29         364           303         314</td></t<></td></td> | 897         90         234           567         65         174           189         50         25         32           264         20         53           144         19         53           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           sia         913         61         162           sia         913         61         162           conder         64         44         490           (OP: OP: CHAELI)         2005         124         395           2015         124         395         163         8           3019         121         414         (OP: CHAELI)           2005         124         395         163         38           100         6         34         1828         132         448           625         103         38         119 <td>*LZ5B<br/>*LZ5B<br/>*LZ2JU<br/>*LZ1ZP<br/>*LZ3DJ<br/>*LZ2MP<br/>*LZ7R<br/>*LZ6C<br/>9A3YT<br/>9A5AET<br/>9A4BA<br/>9A1KDE<br/>9A5Y<br/>9A5D<br/>9A5D<br/>9A2U<br/>9A5D<br/>9A2U<br/>9A3K<br/>9A1CFR<br/>9A8M<br/>*9A7T<br/>*9A1DR<br/>*9A2W<br/>*9A7T<br/>*9A1DR<br/>*9A2W<br/>*9A7T<br/>*9A1DR<br/>*9A3K<br/>9A1CFR<br/>9A8M<br/>*9A7T<br/>*9A3D<br/>*9A4W<br/>*9A7T<br/>*9A3DR<br/>*9A7Y<br/>*9A6D<br/>*9A4BT<br/>*9A3BT<br/>*9A4W<br/>*9A7Y<br/>*9A6D<br/>*9A4BT<br/>*9A3C<br/>*9A7Z<br/>OLØW<br/>OL7D<br/>OK1VK<br/>OK2QA<br/>OL6P<br/>OK1PI<br/>OK2SG<br/>OK1ALX<br/>OK1PZ<br/>OK2BPU<br/>OK6W<br/>OL3A<br/>OK1UXH</td> <td>а<br/>28А<br/>21А<br/>21А<br/>1.8А<br/>а<br/>а<br/>28А<br/>а<br/>28А<br/>а<br/>3.5А<br/>АА<br/>а<br/>а<br/>а<br/>а<br/>28А<br/>АА<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а<br/>а</td> <td>56,704<br/>13,600<br/>89,472<br/>1,716<br/>53,053<br/>7,938<br/>2,945<br/>Croatia<br/>1,593,515<br/>1,051,050<br/>816,462<br/>225,412<br/>112,572<br/>648,200<br/>517,820<br/>265,760<br/>220,593<br/>60,888<br/>267,159<br/>982,820<br/>335,588<br/>243,040<br/>128,081<br/>109,048<br/>6,120<br/>2,772<br/>60,704<br/>13,623<br/>10,553<br/>80,714<br/>10,553<br/>80,714<br/>13,623<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>80,7185<br/>10,553<br/>10,553<br/>80,7185<br/>10,553<br/>10,553<br/>80,7185<br/>10,553<br/>10,553<br/>80,7185<br/>10,553<br/>10,553<br/>10,553<br/>10,553<br/>10,553<br/>10,553<br/>10,553<br/>11,85,121<br/>983,240<br/>157,560<br/>1,185,121<br/>983,240<br/>157,560<br/>1,185,222<br/>39,160<br/>61,182<br/>834,716<br/>157,560<br/>1,069,752<br/>361,383<br/>12,932</td> <td>351 27 101<br/>(OP: LZ7DP)<br/>99 31 296<br/>57 8 18<br/>414 20 71<br/>135 9 45<br/>87 6 25<br/>(OP: LZ2UW)<br/>1985 98 287<br/>984 148 402<br/>1056 115 287<br/>(OP: W2HUV)<br/>584 50 168<br/>250 64 95<br/>(OP: 9A2VR)<br/>1758 37 138<br/>(OP: 9A7DX)<br/>1484 37 133<br/>(OP: 9A5DU)<br/>846 34 117<br/>(OP: 9A5U)<br/>775 32 107<br/>303 29 89<br/>1341 28 101<br/>(OP: 9A5MU)<br/>733 153 475<br/>(OP: OK15Z)<br/>240 30 82<br/>198 13 44<br/>146 14 47<br/>50<br/>105 57 191<br/>317 62 201<br/>323 59 113<br/>38 26 34<br/>25 19 25<br/>240 30 82<br/>198 13 44<br/>146 14 47<br/>50<br/>198 13 44<br/>146 14 47<br/>50<br/>109: OK1DS2)<br/>2810 129 424<br/>(OP: OK1DS2)<br/>2810 129 424<br/>(OP: OK1DS2)<br/>2810 129 424<br/>(OP: OK1DS2)<br/>2810 129 424<br/>(OP: OK1DS3)<br/>281 36<br/>183 151 471<br/>1487 105 328<br/>184 108 362<br/>(OP: OK1DS2)<br/>2810 29 74<br/>196 26 73<br/>(OP: OK1UXH)<br/>250 38 134<br/>(OP: OK1WH)<br/>250 38 134</td> <td>G4IIY<br/>G6T<br/>M7W<br/>M1X<br/>G3VMW<br/>G4AMT<br/>G0BNR<br/>M0WLF<br/>G4IZZ<br/>G3SWH<br/>G4QNT<br/>M0DSL<br/>M2A<br/>M0WJE<br/>G4RKO<br/>G3YXX<br/>G4SND<br/>M0NGN<br/>G0B<br/>G4CTY<br/>G0EFO<br/>M0CAS<br/>M0RNR<br/>G6AD<br/>M0XAC<br/>G8X<br/>G4CTY<br/>G0EFO<br/>M0RNR<br/>G6AD<br/>M0XAC<br/>G8X<br/>G6AY<br/>G4KNO<br/>G4LPD<br/>M2G<br/>M7O<br/>M8A<br/>G3PJT<br/>G1GEY<br/>G3YJQ<br/>M5D<br/>M0HOM<br/>M0UNN<br/>G0XFPE<br/>*G4PVM<br/>*M2J<br/>*G3RLE<br/>*G0OOD<br/>*G4P<br/>*M9N<br/>*M5M</td> <td>AAA<br/>AA<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a</td> <td>81,579<br/>England<br/>3,179,736<br/>2,691,234<br/>2,290,484<br/>1,368,459<br/>817,036<br/>703,716<br/>650,925<br/>565,153<br/>550,466<br/>400,002<br/>393,840<br/>391,935<br/>353,890<br/>348,975<br/>341,880<br/>240,198<br/>14,880<br/>240,198<br/>14,877<br/>69,222<br/>67,996<br/>65,296<br/>54,168<br/>27,234<br/>23,174<br/>3,080<br/>331,499<br/>121,275<br/>32,038<br/>14,0875<br/>95,200<br/>92,988<br/>14,0875<br/>95,200<br/>92,988<br/>14,690<br/>350,840<br/>178,227<br/>81,661<br/>36,240<br/>10,505<br/>2,036,949<br/>858,390<br/>621,560<br/>546,674<br/>540,274<br/>281,995<br/>187,480<br/>177,480</td> <td>297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         162         555         62         177           582         65         62         177         582         69         89         320           533         105         255         62         177         582         69         189           505         62         173         123         100         52         153           160         52         63         67         123         143         123           200         52         123         143         123         200         53         123           194         38         84         (OP: MØBUL)         133         720         26         45         15         14         975         35         <t<
td=""><td>*ES2TT<br/>*ES3BH<br/>*ES3BH<br/>*ES2DJ<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10MX<br/>*R1000<br/>*R1CAA<br/>*UA10MS<br/>*R1DX<br/>RV100<br/>*R1CAA<br/>*UA1F<br/>*UA1A<br/>RL5A<br/>RM35F<br/>RN3BL<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RM2E<br/>RT5T<br/>RA3BQ<br/>R3CW<br/>RQ3A<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RM2E<br/>RT5T<br/>RA3BQ<br/>R3CW<br/>RQ3A<br/>RM3C<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E</td><td><b>F7A</b><br/><b>7A</b><br/><b>7A</b><br/><b>3</b>.5<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A1</b>.8<b>A</b><br/><b>1</b>.8<b>A1</b>.8<b>1</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>111</b>.8<b>111</b>.8<b>1111111111111</b></td><td>6,960<br/>945<br/>325,304<br/>11,830<br/>Dean Rus<br/>District 1<br/>522,466<br/>7,995<br/>93,532<br/>53,360<br/>95,7974<br/>14,320<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District 3<br/>3,444,220<br/>997,568<br/>3,444,220<br/>997,568<br/>331,008<br/>313,066<br/>293,196<br/>188,370<br/>179,280<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>195,575<br/>2,808<br/>1,940<br/>5,755<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,957<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,957<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>18,570<br/>23,048<br/>113,565<br/>76,077<br/>12,212<br/>6,384<br/>415,160<br/>365,510<br/>24,5700<br/>170,587<br/>118,349<br/>110,700</td><td></td><td>S7G       3525         9       355         9       354         99       364         99       364         90       364         90       364         90       364         91       364         92       364         93       364         94       364         954       99         96       364         97       3135         98       259         102       259         102       2435         103       1797         103       1797         104       275         113       582         114       138         115       120         116       121         117       121         117       121         117       121         117       121         118       120         119       121         110       121         111       121         111       121         111       121         111       121</td><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6K<br/>*RN6AT<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6DT<br/>*RK6HG<br/>*RA6DT<br/>*RK6HG<br/>*UA9FAR<br/>*RM8G<br/>*UA9XX<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>FDM4X<br/>OY1CT<br/>FDM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3CG<br/>DL6NDW<br/>DL5XJ<br/>DH3CG<br/>DL1BUG<br/>DL5XJ<br/>DH3CAC<br/>DL1BUG<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL1NEO<br/>DJ8RS<br/>DL5JQ<br/>DH7KU<br/>DK8ZZ<br/>DF3EG<br/>DL6AC<br/>DH7CU<br/>DL5AX<br/>DJ9RR<br/>DL4JLM<br/>DL6AG<br/>DK3C1</td><td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>23.5A<br/>Fa<br/>28A<br/>Fa<br/>28A<br/>Cecl. R<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Opean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>roce Island</b><br/>100,842<br/><b>ep. of Ge</b><br/>5,508,594<br/>4,790,916<br/>3,919,095<br/>3,153,880<br/>3,026,432<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192</td><td>304<br/>149<br/>182<br/>103<br/>135<br/>23<br/>125<br/>109<br/>578<br/>233<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125</td><td>40         142          
142         142           142         142           13         125           143         125           145         76           155         76           155         76           155         76           141         151           142         47           96         24           92         120           14         61           73         249           141         151           30         99           92         120           65         537           55         551           141         151           30         99           92         120           78         6           577         588           65         571           589         544           28         385           29         365           544         483           28         385           28         385           29         364           303         314</td></t<></td>  | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5Y<br>9A5D<br>9A5D<br>9A2U<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A8M<br>*9A7T<br>*9A1DR<br>*9A2W<br>*9A7T<br>*9A1DR<br>*9A2W<br>*9A7T<br>*9A1DR<br>*9A3K<br>9A1CFR<br>9A8M<br>*9A7T<br>*9A3D<br>*9A4W<br>*9A7T<br>*9A3DR<br>*9A7Y<br>*9A6D<br>*9A4BT<br>*9A3BT<br>*9A4W<br>*9A7Y<br>*9A6D<br>*9A4BT<br>*9A3C<br>*9A7Z<br>OLØW<br>OL7D<br>OK1VK<br>OK2QA<br>OL6P<br>OK1PI<br>OK2SG<br>OK1ALX<br>OK1PZ<br>OK2BPU<br>OK6W<br>OL3A<br>OK1UXH   | а<br>28А<br>21А<br>21А<br>1.8А<br>а<br>а<br>28А<br>а<br>28А<br>а<br>3.5А<br>АА<br>а<br>а<br>а<br>а<br>28А<br>АА<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а<br>а   | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>60,704<br>13,623<br>10,553<br>80,714<br>10,553<br>80,714<br>13,623<br>10,553<br>80,7185<br>10,553<br>80,7185<br>10,553<br>80,7185<br>10,553<br>80,7185<br>10,553<br>80,7185<br>10,553<br>80,7185<br>10,553<br>80,7185<br>10,553<br>80,7185<br>10,553<br>80,7185<br>10,553<br>80,7185<br>10,553<br>80,7185<br>10,553<br>10,553<br>80,7185<br>10,553<br>10,553<br>80,7185<br>10,553<br>10,553<br>80,7185<br>10,553<br>10,553<br>10,553<br>10,553<br>10,553<br>10,553<br>10,553<br>11,85,121<br>983,240<br>157,560<br>1,185,121<br>983,240<br>157,560<br>1,185,222<br>39,160<br>61,182<br>834,716<br>157,560<br>1,069,752<br>361,383<br>12,932   | 351 27 101<br>(OP: LZ7DP)<br>99 31 296<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 168<br>250 64 95<br>(OP: 9A2VR)<br>1758 37 138<br>(OP: 9A7DX)<br>1484 37 133<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5U)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A5MU)<br>733 153 475<br>(OP: OK15Z)<br>240 30 82<br>198 13 44<br>146 14 47<br>50<br>105 57 191<br>317 62 201<br>323 59 113<br>38 26 34<br>25 19 25<br>240 30 82<br>198 13 44<br>146 14 47<br>50<br>198 13 44<br>146 14 47<br>50<br>109: OK1DS2)<br>2810 129 424<br>(OP: OK1DS2)<br>2810 129 424<br>(OP: OK1DS2)<br>2810 129 424<br>(OP: OK1DS2)<br>2810 129 424<br>(OP: OK1DS3)<br>281 36<br>183 151 471<br>1487 105 328<br>184 108 362<br>(OP: OK1DS2)<br>2810 29 74<br>196 26 73<br>(OP: OK1UXH)<br>250 38 134<br>(OP: OK1WH)<br>250 38 134  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WLF<br>G4IZZ<br>G3SWH<br>G4QNT<br>M0DSL<br>M2A<br>M0WJE<br>G4RKO<br>G3YXX<br>G4SND<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0CAS<br>M0RNR<br>G6AD<br>M0XAC<br>G8X<br>G4CTY<br>G0EFO<br>M0RNR<br>G6AD<br>M0XAC<br>G8X<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5D<br>M0HOM<br>M0UNN<br>G0XFPE<br>*G4PVM<br>*M2J<br>*G3RLE<br>*G0OOD<br>*G4P<br>*M9N<br>*M5M  
   | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>703,716<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>391,935<br>353,890<br>348,975<br>341,880<br>240,198<br>14,880<br>240,198<br>14,877<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,0875<br>95,200<br>92,988<br>14,0875<br>95,200<br>92,988<br>14,690<br>350,840<br>178,227<br>81,661<br>36,240<br>10,505<br>2,036,949<br>858,390<br>621,560<br>546,674<br>540,274<br>281,995<br>187,480<br>177,480  | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         162         555         62         177           582         65         62         177         582         69         89         320           533         105         255         62         177         582         69         189           505         62         173         123         100         52         153           160         52         63         67         123         143         123           200         52         123         143         123         200         53         123           194         38         84         (OP: MØBUL)         133         720         26         45         15         14         975         35 <t< td=""><td>*ES2TT<br/>*ES3BH<br/>*ES3BH<br/>*ES2DJ<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10MX<br/>*R1000<br/>*R1CAA<br/>*UA10MS<br/>*R1DX<br/>RV100<br/>*R1CAA<br/>*UA1F<br/>*UA1A<br/>RL5A<br/>RM35F<br/>RN3BL<br/>RA3DNC<br/>RY3D<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RM2E<br/>RT5T<br/>RA3BQ<br/>R3CW<br/>RQ3A<br/>RM3DA<br/>RC2A<br/>RX3AEX<br/>RM2E<br/>RT5T<br/>RA3BQ<br/>R3CW<br/>RQ3A<br/>RM3C<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E<br/>RM3E</td><td><b>F7A</b><br/><b>7A</b><br/><b>7A</b><br/><b>3</b>.5<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>4</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A</b><br/><b>1</b>.8<b>A1</b>.8<b>A</b><br/><b>1</b>.8<b>A1</b>.8<b>1</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>11</b>.8<b>111</b>.8<b>111</b>.8<b>1111111111111</b></td><td>6,960<br/>945<br/>325,304<br/>11,830<br/>Dean Rus<br/>District 1<br/>522,466<br/>7,995<br/>93,532<br/>53,360<br/>95,7974<br/>14,320<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/>District
3<br/>3,444,220<br/>997,568<br/>3,444,220<br/>997,568<br/>331,008<br/>313,066<br/>293,196<br/>188,370<br/>179,280<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>195,575<br/>2,808<br/>1,940<br/>5,755<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,957<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>195<br/>2,808<br/>1,957<br/>195<br/>2,808<br/>1,940<br/>5,757<br/>18,570<br/>23,048<br/>113,565<br/>76,077<br/>12,212<br/>6,384<br/>415,160<br/>365,510<br/>24,5700<br/>170,587<br/>118,349<br/>110,700</td><td></td><td>S7G       3525         9       355         9       354         99       364         99       364         90       364         90       364         90       364         91       364         92       364         93       364         94       364         954       99         96       364         97       3135         98       259         102       259         102       2435         103       1797         103       1797         104       275         113       582         114       138         115       120         116       121         117       121         117       121         117       121         117       121         118       120         119       121         110       121         111       121         111       121         111       121         111       121</td><td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6K<br/>*RN6AT<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6DT<br/>*RK6HG<br/>*RA6DT<br/>*RK6HG<br/>*UA9FAR<br/>*RM8G<br/>*UA9XX<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>FDM4X<br/>OY1CT<br/>FDM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3GG<br/>DL6NDW<br/>DL5XJ<br/>DH3CG<br/>DL6NDW<br/>DL5XJ<br/>DH3CG<br/>DL1BUG<br/>DL5XJ<br/>DH3CAC<br/>DL1BUG<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL5JS<br/>DL5YM<br/>DL1NEO<br/>DJ8RS<br/>DL5JQ<br/>DH7KU<br/>DK8ZZ<br/>DF3EG<br/>DL6AC<br/>DH7CU<br/>DL5AX<br/>DJ9RR<br/>DL4JLM<br/>DL6AG<br/>DK3C1</td><td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>3.5A<br/>AA<br/>23.5A<br/>Fa<br/>28A<br/>Fa<br/>28A<br/>Cecl. R<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4</td><td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Opean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>roce Island</b><br/>100,842<br/><b>ep. of Ge</b><br/>5,508,594<br/>4,790,916<br/>3,919,095<br/>3,153,880<br/>3,026,432<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,284,698<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192<br/>2,303,192</td><td>304<br/>149<br/>182<br/>103<br/>135<br/>23<br/>125<br/>109<br/>578<br/>233<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125</td><td>40         142           142         142           142         142           13         125           143         125           145         76           155         76           155         76           155         76           141         151           142         47           96         24           92         120           14         61           73         249           141         151           30         99           92         120           65         537           55         551           141         151           30         99           92         120           78         6           577         588           65         571           589         544           28         385           29         365           544         483           28         385           28         385           29         364           303         314</td></t<>  
   | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MX<br>*R1000<br>*R1CAA<br>*UA10MS<br>*R1DX<br>RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>RL5A<br>RM35F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RM3DA<br>RC2A<br>RX3AEX<br>RM2E<br>RT5T<br>RA3BQ<br>R3CW<br>RQ3A<br>RM3DA<br>RC2A<br>RX3AEX<br>RM2E<br>RT5T<br>RA3BQ<br>R3CW<br>RQ3A<br>RM3C<br>RM3E<br>RM3E<br>RM3E<br>RM3E<br>RM3E<br>RM3E<br>RM3E<br>RM3E   | <b>F7A</b><br><b>7A</b><br><b>7A</b><br><b>3</b> .5 <b>A</b><br><b>1</b> .8 <b>A</b><br><b>4</b><br><b>1</b> .8 <b>A</b><br><b>4</b><br><b>1</b> .8 <b>A</b><br><b>4</b><br><b>1</b> .8 <b>A</b><br><b>4</b><br><b>1</b> .8 <b>A</b><br><b>4</b><br><b>1</b> .8 <b>A</b><br><b>1</b> .8 <b>A1</b> .8 <b>A</b><br><b>1</b> .8 <b>A1</b> .8 <b>1</b> .8 <b>11</b> .8 <b>111</b> .8 <b>111</b> .8 <b>1111111111111</b>  | 6,960<br>945<br>325,304<br>11,830<br>Dean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>95,7974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District 3<br>3,444,220<br>997,568<br>3,444,220<br>997,568<br>331,008<br>313,066<br>293,196<br>188,370<br>179,280<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>195,575<br>2,808<br>1,940<br>5,755<br>195<br>2,808<br>1,940<br>5,757<br>195<br>2,808<br>1,940<br>5,757<br>195<br>2,808<br>1,940<br>5,757<br>195<br>2,808<br>1,957<br>195<br>2,808<br>1,940<br>5,757<br>195<br>2,808<br>1,957<br>195<br>2,808<br>1,940<br>5,757<br>18,570<br>23,048<br>113,565<br>76,077<br>12,212<br>6,384<br>415,160<br>365,510<br>24,5700<br>170,587<br>118,349<br>110,700  |  
   | S7G       3525         9       355         9       354         99       364         99       364         90       364         90       364         90       364         91       364         92       364         93       364         94       364         954       99         96       364         97       3135         98       259         102       259         102       2435         103       1797         103       1797         104       275         113       582         114       138         115       120         116       121         117       121         117       121         117       121         117       121         118       120         119       121         110       121         111       121         111       121         111       121         111       121   
   | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RA6K<br>*RN6AT<br>*RA6HC<br>*RA6HC<br>*RA6HC<br>*RA6HC<br>*RA6DT<br>*RK6HG<br>*RA6DT<br>*RK6HG<br>*UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>FDM4X<br>OY1CT<br>FDM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DH3GG<br>DL6NDW<br>DL5XJ<br>DH3GG<br>DL6NDW<br>DL5XJ<br>DH3GG<br>DL6NDW<br>DL5XJ<br>DH3GG<br>DL6NDW<br>DL5XJ<br>DH3CG<br>DL6NDW<br>DL5XJ<br>DH3CG<br>DL1BUG<br>DL5XJ<br>DH3CAC<br>DL1BUG<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL5JS<br>DL5YM<br>DL1NEO<br>DJ8RS<br>DL5JQ<br>DH7KU<br>DK8ZZ<br>DF3EG<br>DL6AC<br>DH7CU<br>DL5AX<br>DJ9RR<br>DL4JLM<br>DL6AG<br>DK3C1  
   | 14A<br>AA<br>7A<br>3.5A<br>AA<br>3.5A<br>AA<br>23.5A<br>Fa<br>28A<br>Fa<br>28A<br>Cecl. R<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4               | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Opean Tur</b><br>64,024<br>2,418<br>2,146<br><b>roce Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,284,698<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192<br>2,303,192   | 304<br>149<br>182<br>103<br>135<br>23<br>125<br>109<br>578<br>233<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125  | 40         142           142         142           142         142           13         125           143         125           145         76           155         76           155         76           155         76           141         151           142         47           96         24           92         120           14         61           73         249           141         151           30         99           92         120           65         537           55         551           141         151           30         99           92         120           78         6           577         588           65         571           589         544           28         385           29         365           544         483           28         385           28         385           29         364           303         314           |
| E21YD<br>HS3NE<br>*HS67<br>*E29AI<br>*HS8N<br>*E29AI<br>*HS8N<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*HS8J<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20H<br>*E20 | IAA       IAA         IAA       IAA         IAA       IAA         IAA       IAA         IAA       IAA         IAA       IAA         WIC       IAA         IAA       I   
   
  | Sight Aug           586,440           327,669           60,755           4,560           37,376           21,900           a37,376           21,900           a30,810           a430,810           a430,810           a586,420           a30,810           a427,893           Vietnam           a53,130           Vest Malays           a412,104           EUROPEE           Aland Island           a,3135,400           2,098,270           1,923,933           184,860           111,034           1,836,860           550,818           310,750           3,680           520,818           310,750           3,64,581           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4,658,743           4  
  | 897         90         234           567         65         174           189         50         25         32           264         20         33           144         19         53           163         11         36           5         5         5           196         21         57           sirates         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490           (OP: OHELI)         2740         120         368           3019         121 
       414           (OP: OE3KAB)         436         65         169           2163         8         37         100         6         448           625         108         318         (OP: OE3KAB)         448         625         108         318           (OP: OE2GEN)         61         60         140         353         155         559           1828         132         448         625         137  
  | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5RTW<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A2U<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3K<br>9A1CFR<br>9A3C<br>9A2U<br>9A2U<br>9A2U<br>9A2U<br>9A2U<br>9A2U<br>9A2U<br>9A2U |
28A<br>21A<br>14A<br>14A<br>1.8A<br>28A<br>3.5A<br>AA<br>4<br>3.5A<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4  | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,053<br>1,051,053<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>60,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>80,704<br>13,623<br>10,553<br>10,553<br>10,553<br>154,440<br>78,840<br>72,982<br>154,440<br>78,840<br>72,982<br>154,440<br>78,840<br>72,982<br>154,440<br>78,840<br>72,982<br>155,560<br>1,157,560<br>1,069,752<br>361,383<br>12,932<br>27,648<br>13,020<br>12,932<br>27,648<br>13,020<br>12,932<br>27,648<br>13,020<br>12,932<br>27,648<br>13,020<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>12,932<br>13,932<br>12,932<br>13,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>14,932<br>1   | 351 27 101<br>(OP: LZ7DP)<br>99 310<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: 942VR)<br>1758 37 138<br>(OP: 942VR)<br>1758 37 138<br>(OP: 942VR)<br>1758 37 133<br>(OP: 942VR)<br>175 32 107<br>303 29 89<br>1341 28 101<br>(OP: 943XU)<br>733 153 475<br>(OP: 945MF)<br>741 59 204<br>605 57 191<br>317 62 201<br>38 26 34<br>25 19 25<br>113 38 136<br>(OP: OK1DK)<br>159 110 269<br>539 91 287<br>311 81 81<br>814 08 362<br>(OP: OK1DK)<br>159 110 269<br>539 91 287<br>311 81 81<br>8173 38 136<br>(OP: OK1DK)<br>212 10 51<br>3173 38 136<br>(OP: OK1DK)<br>212 10 51<br>3173 38 136<br>(OP: OK1DK)<br>212 10 51<br>3173 38 136<br>(OP: OK1DK)<br>212 10 51<br>3175 31 10<br>3175 31 10<br>3175 51 165<br>309 31 60<br>3175 51 165<br>3175 51 165<br>3175 51 165<br>3175 51 165<br>3175 51 165<br>3175 51 165<br>3175 5  | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>G0BNR<br>M0WJF<br>G4IZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4UZZ<br>G3SWH<br>G4XFQ<br>G4RKO<br>G3YXX<br>G4SND<br>M0NGN<br>G0B<br>G4CTY<br>G0EFO<br>M0PAS<br>M0RNR<br>G6AD<br>M0XAC<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A<br>G6AY<br>G4KNO<br>G4LPD<br>M2G<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5W<br>M5D<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M0HOM<br>M2G<br>*G4PVM<br>*M5D<br>*G4P   | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>650,925<br>565,153<br>550,466<br>400,002<br>393,840<br>341,880<br>240,198<br>119,727<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,940<br>11,648<br>3,312<br>3,174<br>3,080<br>331,499<br>121,275<br>32,038<br>14,100<br>562,485<br>151,522<br>140,875<br>95,200<br>92,988<br>14,690<br>350,840<br>178,227<br>81,661<br>36,240<br>10,505<br>2,036,949<br>858,390<br>621,560<br>54,674<br>540,274<br>281,995<br>187,480<br>177,480<br>177,480<br>150,282   
  | <b>297 53 160</b><br><b>2538 145 503</b><br>2109 151 500<br>(OP: G4MKP)<br>1519 168 548<br>(OP: G3TBK)<br>1757 93 304<br>(OP: GØCKP)<br>1185 78 263<br>1014 80 258<br>654 119 376<br>676 100 253<br>1003 60 227<br>466 89 320<br>553 105 255<br>822 65 200<br>812 53 162<br>595 62 173<br>(OP: G3ORY)<br>595 87 177<br>582 69 189<br>511 44 113<br>200 52 139<br>207 53 123<br>194 38 84<br>(OP: MØBUL)<br>143 28 74<br>153 27 57<br>102 32<br>194 38 84<br>(OP: MØBUL)<br>143 28 74<br>153 27 57<br>153 28 76<br>49 17 31<br>37 20 26<br>(OP: G4FJK)<br>321 34 113<br>140 26 57<br>108 18 29<br><b>160 36 129</b><br><b>(OP: MØVKY)</b><br>447 32 93<br>(OP: MØVKY)<br>447 32 93<br>(OP: MØVKY)<br>477 32 93<br>(OP: MØVKY)<br>477 32 93<br>(OP: MØHDF)<br>361 30 32 95<br><b>1549 31 109</b><br>923 29 94<br>(OP: G4WCI)<br>300 32 95<br><b>139 46</b><br><b>2148 131 425</b><br>109 106 297<br>(OP: G4WCI)<br>300 32 95<br><b>139 30</b> 90<br><b>181 9 46</b><br><b>2148 131 425</b><br>109 106 297<br>(OP: G4WCI)<br>300 32 95<br><b>1549 31 109</b><br>923 29 94<br>(OP: G4WCI)<br>300 32 95<br><b>1549 31 109</b><br>923 29 94<br>(OP: G4WCI)<br>300 32 95<br><b>1549 31 109</b><br>923 29 94<br>(OP: G4WCI)<br>330 35<br><b>1549 31 109</b><br><b>1549 31 105</b><br><b>1549 31 105</b><br><b>1549 31 105</b><br><b>1549 31 105</b><br><b>15</b>   
   | *ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MS<br>*R10D<br>*R1000<br>*R1CAA<br>*UA10MS<br>*R1MJ<br>*RV100<br>*R1CAA<br>*UA1A<br>*UA1A<br>RL5A<br>RM35F<br>RN3BL<br>RA3DNC<br>RY3D<br>RM3DA<br>RC2A<br>RX3AEX<br>RA3UT<br>RU5A<br>R5GR<br>RM2E<br>RT5T<br>RA3BQ<br>R32A<br>R32A<br>R33AEX<br>R33CW<br>R03A<br>R32A<br>R33CW<br>R03A<br>R32A<br>R33CW<br>R03A<br>R33CW<br>R03A<br>R33CW<br>R03A<br>R33CW<br>R03A<br>R33CW<br>R03A<br>R33CW<br>R03A<br>R33CW<br>R03A<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R33CW<br>R  | <b>F7A</b><br><b>7A</b><br><b>7A</b><br><b>7A</b><br><b>3</b> .5A<br><b>1</b> .8A<br><b>4</b><br><b>4</b><br><b>1</b> .8A<br><b>4</b><br><b>4</b><br><b>1</b> .8A<br><b>4</b><br><b>4</b><br><b>1</b> .8A<br><b>4</b><br><b>4</b><br><b>1</b> .8A<br><b>4</b><br><b>4</b><br><b>1</b> .8A<br><b>4</b><br><b>4</b><br><b>1</b> .8A<br><b>4</b><br><b>4</b><br><b>1</b> .8A<br><b>1</b> .8A<br><b>4</b><br><b>1</b> .8A<br><b>1</b> .8A <b>1</b> .8A<br><b>1</b> .8A<br><b>1</b> .8A <b>1</b> .8A<br><b>1</b> .8A <b>1</b> .8A<br><b>1</b> .8A<br><b>1</b> .8A <b>1</b> .8 | 6,960<br>945<br>325,304<br>11,830<br>Dean Rus<br>District 1<br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br>District
3<br>3,444,220<br>3,444,220<br>3,444,220<br>3,444,220<br>3,061,762<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>293,196<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>179,280<br>154,364<br>135,765<br>135,765<br>135,765<br>135,765<br>135,765<br>135,765<br>135,765<br>135,765<br>135,765<br>135,765<br>135,765<br>135,765<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,775<br>135,7755<br>135,775<br>135,775<br>135,7755<br>135,7755<br>135,7755<br>135,7755<br>135,7755  | $\begin{array}{c} (0P:E) \\ (48) \\ 2 \\ 320 \\ 1100 \\ 321 \\ 115 \\ 11$  
   | S7G       355         96       6         97       355         98       863         99       254         99       254         90       255         91       254         92       254         93       244         99       254         90       255         91       254         92       254         93       244         93       244         99       254         90       255         91       254         92       254         93       177         93       177         944       197         953       177         953       177         953       177         953       177         953       177         953       177         953       177         953       177         953       177         953       177         953       177         953       177         953       177      <   
   | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RA6AT<br>*RA6AT<br>*RA6AT<br>*RA6HG<br>RG8G<br>R9GM<br>UA9FAR<br>*RM8G<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>FDM4X<br>DK3QZ<br>DL3UB<br>DK30FAR<br>*A1UT<br>OY1CT<br>FDM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU<br>DF3VM<br>DL5QAC<br>DL1BUG<br>DL1QW<br>DJ3MH<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GAC<br>DL1BUG<br>DL1QW<br>DJ3MH<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF3VM<br>DL5JS<br>DL5JS<br>DL5JS<br>DL5JS<br>DL5JQ<br>DH7KU<br>DK8ZZ<br>DF5EG<br>DF8XC<br>DK3QZ<br>DL3AN<br>DL1NEO<br>DL3AN<br>DL3AN<br>DL3AN<br>DL3AN<br>DL3AN<br>DL3AN<br>DL3AN<br>DL3AN<br>DL3AN<br>DL3AN<br>DL3AN<br>DL3AN<br>DL3AN  | 14A<br>AA<br>7A<br>3.5A<br>AA<br>21A<br>3.5A<br>Fa<br>28A<br>Fa<br>28A<br>Ged. R<br>AA   | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Dpean Tur</b><br>64,024<br>ep. of Ge<br>5,508,594<br>4,790,916<br>3,919,095<br>3,153,880<br>3,026,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,826,432<br>2,836,432<br>2,836,432<br>2,836,432<br>2,846,432<br>2,836,432<br>2,836,432<br>2,836,432<br>2,837,996<br>2,337,996<br>2,337,996<br>2,337,996<br>2,337,996<br>2,337,996<br>2,337,996<br>2,337,996<br>2,337,996<br>2,337,996<br>2,337,996<br>2,337,996<br>2,337,996<br>2,345,432<br>1,253,259<br>1,125,033<br>1,058,940<br>1,029,345<br>1,007,0692<br>1,253,259<br>1,125,033<br>1,058,940<br>1,029,345<br>1,007,0692<br>1,253,259<br>1,125,033<br>1,058,940<br>1,029,345<br>1,007,0692<br>1,253,259<br>1,125,033<br>1,058,940<br>1,029,345<br>1,007,0692<br>1,253,259<br>1,125,033<br>1,058,940<br>1,029,345<br>1,007,662<br>1,253,259<br>1,125,033<br>1,058,940<br>1,029,345<br>1,007,662<br>1,253,259<br>1,007,662<br>1,253,259<br>1,007,662<br>1,253,259<br>1,007,776<br>635,758<br>623,876<br>625,578<br>623,876<br>625,5600<br>640,4041<br>541,660<br>740,660<br>740,660<br>740,660<br>740,777<br>853,876<br>823,116<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>823,116<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>816,816<br>81  |
304<br>149<br>149<br>182<br>103<br>135<br>125<br>125<br>109<br>578<br>125<br>125<br>109<br>578<br>125<br>125<br>146<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>130<br><b>key</b><br>146<br>15<br>162<br>11<br>1547<br>141<br>1587<br>162<br>11<br>1547<br>141<br>1587<br>162<br>11<br>1547<br>141<br>1587<br>162<br>11<br>1577<br>11<br>1577<br>11<br>1577<br>11<br>1577<br>11<br>1577<br>11<br>1577<br>11<br>1577<br>11<br>1577<br>11<br>1577<br>11<br>1577<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10   | 40         142           412         142           412         142           413         125           41         151           57         755           31         53           16         15           31         84           47         96           24         79           14         61           73         249           30         99           92         120           13         26           6         31           6         31           77         588           65         557.10           559         544           28         357.10           559         544           28         357.11           565         551.31           57         588           322         459           333         403           367         450           581         417           471         565           518         388           245         385           142         366 |
| E21YD<br>HS3NE<br>*HS67<br>*E29Al<br>*HS8N<br>*E29Al<br>*HS8N<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*E20H<br>*HS8H<br>*A65/<br>DL2R<br>UK9AA<br>XV9DL<br>9M2TC<br>0E50I<br>0E5T<br>0E3G<br>0E50I<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>0E3G<br>0E5T<br>*0E2E<br>*0E3A<br>*0E5C<br>0E6GC<br>0E6C<br>0E6C<br>0E6C<br>0E6C<br>0E6C<br>0E6C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5C<br>0E5   | $\begin{array}{c} \mathbf{H} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} A$  
   
  | 327,669           60,755           4,560           327,669           60,755           4,560           21,900           15,745           40           30,810           ed Arab Em           688,288           Uzbekistar           427,893           Vietnam           63,130           Vest Malays           412,104           EUROPEE           Austria           3,35,400           2,098,270           1,923,933           184,860           111,034           1,836,860           550,818           310,750           32,809           32,809           98,580           63,2045           193,765           4,658,743           4,658,743           4,642,288           1,337,659           1,221,858           998,580           632,045           193,765           4,658,743           4,642,288           1,337,659           1,221,858           998,580   
   
                          | 897         90         234           567         65         174           189         50         25         32           264         20         53           144         19         57           1321         33         96           408         41         77           sia         900         72         202           1321         33         96           408         41         77           sia         913         61         162           3128         143         490         (OP: OHELI)           2740         120         368         3019           3128         143         490         (OP: OE3TXF)           2005         124         395         (OP: OE3TXF)           2005         124         395         (OP: OE3TXF)           2005         124         395         (OP: CE3TXF)           2005         124         395         (OP: CE3TXF)           2005         124         395         (OP: CE3KAB)           3104         62         108         318           (OP: OE3KAB)         318         (OP: CE2CEN) <td>*LZ5B<br/>*LZ5B<br/>*LZ2JU<br/>*LZ1ZP<br/>*LZ3DJ<br/>*LZ2MP<br/>*LZ7R<br/>*LZ6C<br/>9A3YT<br/>9A5AET<br/>9A4BA<br/>9A1KDE<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A5D<br/>9A5D</td> <td>" 28A 21A 21A 21A 21A 21A 21A 21A 21A 21A 21</td> <td>56,704<br/>13,600<br/>89,472<br/>1,716<br/>53,053<br/>7,938<br/>2,945<br/>Croatia<br/>1,593,515<br/>1,051,050<br/>816,462<br/>225,412<br/>112,572<br/>648,200<br/>517,820<br/>265,760<br/>220,593<br/>60,888<br/>267,159<br/>982,820<br/>335,588<br/>243,040<br/>128,081<br/>109,048<br/>6,120<br/>2,772<br/>60,704<br/>13,653<br/>10,553<br/>60,704<br/>13,653<br/>10,553<br/>60,704<br/>13,653<br/>10,553<br/>60,704<br/>13,653<br/>10,553<br/>60,704<br/>13,653<br/>10,553<br/>60,704<br/>13,553<br/>12,935<br/>154,440<br/>72,882<br/>39,160<br/>61,182<br/>41,382<br/>834,716<br/>157,560<br/>1,069,752<br/>361,383<br/>12,932<br/>27,648<br/>13,020<br/>3,390,340</td> <td>351 27 101<br/>(OP: LZ7DP)<br/>99 31<br/>300 32 96<br/>57 8 18<br/>414 20 71<br/>135 9 45<br/>87 6 25<br/>(OP: LZ2UW)<br/>1985 98 287<br/>984 148 402<br/>1056 115 287<br/>(OP: W2HUV)<br/>584 50 64 95<br/>(OP: 9A2VF)<br/>1758 37 138<br/>(OP: 9A5DU)<br/>846 34 117<br/>(OP: 9A5DU)<br/>775 32 107<br/>303 29 89<br/>1341 28 101<br/>(OP: 9A5MU)<br/>741 59 204<br/>605 57 191<br/>317 62 201<br/>323 59 113<br/>38 26 34<br/>25 19 25<br/>240 30 82<br/>198 13 44<br/>146 14 47<br/>105 328<br/>138 165 558<br/>(OP: OK1DS2)<br/>2810 129 424<br/>(OP: OK1DG)<br/>183 151 471<br/>1487 105 328<br/>134 108 362<br/>(OP: OK2PP)<br/>159 110 269<br/>99 1287<br/>311 81 184<br/>286 77 183<br/>175 51 165<br/>309 31 60<br/>160 31 79<br/>288 29 74<br/>(OP: OK1DKI)<br/>159 110 269<br/>91 287<br/>311 81 184<br/>286 77 183<br/>175 51 165<br/>309 31 60<br/>160 31 79<br/>288 29 74<br/>(OP: OK1UXH)<br/>250 38 134<br/>(OP: OK1UXH)<br/>250 38 134<br/>(OP: OK1UXH)<br/>250 32 98<br/>3173 38 136<br/>160 160 31 79<br/>238 29 74<br/>(OP: OK1UXH)<br/>250 32 98<br/>3173 38 136<br/>160 160 31 79<br/>238 29 74<br/>(OP: OK1UXH)<br/>250 32 98<br/>3173 38 136<br/>160 160 31 79<br/>238 29 74<br/>(OP: OK1UXH)<br/>250 32 98<br/>3173 38 136<br/>160 160 31 79<br/>238 29 74<br/>(OP: OK1UXH)<br/>250 32 98<br/>3174 34 145<br/>454<br/>(OP: OK1DS]<br/>2739 145 454</td> <td>G4IIY<br/>G6T<br/>M7W<br/>M1X<br/>G3VMW<br/>G4AMT<br/>GØBNR<br/>MØWLF<br/>G4IZZ<br/>G3SWH<br/>G4QBNR<br/>MØWLF<br/>G4IZZ<br/>G3SWH<br/>G4AWTQ<br/>G3YXX<br/>G4SND<br/>MØDSL<br/>M2A<br/>MØWJE<br/>G4WFQ<br/>G4RKO<br/>G3YXX<br/>G4SND<br/>MØNGN<br/>GØB<br/>G4CTY<br/>GØEFO<br/>MØEAS<br/>MØNGN<br/>GØB<br/>G4CTY<br/>GØEFO<br/>MØEAS<br/>MØNGN<br/>G6AD<br/>MØXAC<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>G6AY<br/>G4KNO<br/>MØAON<br/>M2G<br/>M7O<br/>M8A<br/>G3PJT<br/>G1GEY<br/>G3YJQ<br/>M5W<br/>M5D<br/>MØHOM<br/>MØUNN<br/>G3RLE<br/>*GØCOD<br/>*G4P<br/>*M9N<br/>*M2J</td> <td>AAA<br/>AA<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a<br/>a</td> <td>81,579<br/>England<br/>3,179,736<br/>2,691,234<br/>2,290,484<br/>1,368,459<br/>817,036<br/>6703,716<br/>650,925<br/>565,153<br/>550,463<br/>353,840<br/>391,935<br/>353,840<br/>391,935<br/>353,840<br/>391,935<br/>353,840<br/>391,935<br/>353,840<br/>391,935<br/>353,840<br/>391,935<br/>353,840<br/>240,198<br/>14,977<br/>69,222<br/>67,996<br/>65,296<br/>54,168<br/>27,234<br/>23,174<br/>3,080<br/>331,499<br/>121,275<br/>32,038<br/>41,100<br/>562,485<br/>151,522<br/>140,875<br/>95,200<br/>92,988<br/>14,690<br/>350,840<br/>178,227<br/>81,661<br/>36,240<br/>178,227<br/>81,661<br/>36,240<br/>178,227<br/>81,661<br/>36,240<br/>178,227<br/>81,661<br/>36,240<br/>178,227<br/>81,661<br/>36,240<br/>178,227<br/>81,661<br/>36,240<br/>178,227<br/>81,661<br/>36,240<br/>178,227<br/>81,661<br/>36,240<br/>177,480<br/>177,480<br/>150,282<br/>141,224<br/>141,224</td> <td>297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         162         555         822         65         200           812         53         162         555         822         65         200           812         53         162         555         822         65         200           812         53         162         595         62         177           582         65         200         82         132           200         52         132         123         123           207         53         123         143         123           200         52         133         37         20         64         45         15         14           317         20         26         45</td> <td>*ES2TT<br/>*ES3BH<br/>*ES3BH<br/>*ES2DJ<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10HX<br/>RT1A<br/>RV1CC<br/>R1DX<br/>RA10MS<br/>*R1DX<br/>RV100<br/>*R1CAA<br/>*UA1F<br/>*UA1A<br/>RL5A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3DA<br/>RC3A<br/>RM3D</td> <td><b>Fan</b><br/><b>Func</b><br/>AA<br/>3.5A<br/>1.8A<br/>1.8A<br/>1.8A<br/>AA<br/>1.8A<br/>2.1A<br/>1.8A<br/>4.<br/>4.<br/>4.<br/>4.<br/>4.<br/>4.<br/>4.<br/>4.<br/>4.<br/>4.<br/>4.<br/>4.<br/>4.</td> <td>6,960<br/>945<br/>325,304<br/>11,830<br/><b>Dean Rus</b><br/><b>District 1</b><br/>522,466<br/>7,995<br/>93,532<br/>53,360<br/>57,974<br/>14,320<br/>95,931<br/>19,107<br/>4,876<br/>13,568<br/>2,240<br/><b>District
3</b><br/>3,444,220<br/>997,568<br/>3,344,220<br/>997,568<br/>331,008<br/>313,966<br/>1,534,456<br/>1,070,172<br/>997,568<br/>331,008<br/>313,966<br/>188,370<br/>179,280<br/>179,280<br/>179,280<br/>179,280<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>179,080<br/>144,102<br/>106,898<br/>103,411<br/>66,951<br/>46,320<br/>42,772<br/>98,666<br/>3,525<br/>2,808<br/>10,3411<br/>66,951<br/>46,320<br/>42,772<br/>195<br/>2,24<br/>169,260<br/>154,364<br/>35,765<br/>675,078<br/>135<br/>729,570<br/>23,048<br/>6113,565<br/>76,077<br/>12,2384<br/>415,160<br/>365,310<br/>24,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>23,048<br/>613,565,770<br/>24,2772<br/>26,2702<br/>27,275<br/>26,375<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,275<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77,477<br/>77</td> <td></td> <td><math display="block"> \begin{array}{cccccccccccccccccccccccccccccccccccc</math></td> <td>*RA6L<br/>*RV6AJJ<br/>*RV6AJJ<br/>*RA6LCJ<br/>*RA6K<br/>*RN6AT<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6HC<br/>*RA6DT<br/>*RK6HG<br/>UA9FAR<br/>*RM8G<br/>*UA9XX<br/>*RC9X<br/>*UA9XL<br/>*TA1L<br/>*TA1MK<br/>*TA1UT<br/>OY1CT<br/>FDM4X<br/>OY1CT<br/>FDM4X<br/>DK3QZ<br/>DL3UB<br/>DK9IP<br/>DM5GG<br/>DL6NDW<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF3VM<br/>DL5XJ<br/>DF6QV<br/>DL1NKS<br/>DHØGHU<br/>DF3VM<br/>DL5XJ<br/>DHØGHU<br/>DF3VM<br/>DL5XJ<br/>DHØGHU<br/>DF3VM<br/>DL5JS<br/>DHØGHU<br/>DF5XJ<br/>DF2LH<br/>DK4SR<br/>DL3UB<br/>DL1ATZ<br/>DJ3AN<br/>DL1NEO<br/>DJ8RS<br/>DL5JQ<br/>DH7KU<br/>DK8ZZ<br/>DF5EG<br/>DH7KU<br/>DK8ZZ<br/>DF5EG<br/>DH7KU<br/>DK8ZZ<br/>DF5EG<br/>DH7KU<br/>DL5ST<br/>DL1NEO<br/>DJ8RS<br/>DL4JLM<br/>DL6AG<br/>DL1VDL<br/>DL6NCY<br/>DL5ST<br/>DL4LLM</td> <td>14A<br/>AA<br/>7A<br/>3.5A<br/>AA<br/>23.5A<br/>AA<br/>23.5A<br/>Fa<br/>28A<br/>Fa<br/>28A<br/>A<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4<br/>4</td> <td>76,608<br/>68,020<br/>67,596<br/>34,584<br/>26,880<br/>1,891<br/>25,645<br/><b>District 9</b><br/>25,883<br/>77,868<br/>22,050<br/>308,798<br/>86,784<br/>22,575<br/>22,072<br/><b>Opean Tur</b><br/>64,024<br/>2,418<br/>2,146<br/><b>roce Island</b><br/>100,842<br/><b>ep. of Ge</b><br/>5,508,594<br/>4,790,916<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,594<br/>4,790,916<br/>2,386,592<br/>1,125,3259<br/>1,125,033<br/>1,058,940<br/>1,259,345<br/>1,000,700<br/>1,391,824<br/>1,294,440<br/>1,270,692<br/>1,253,259<br/>1,125,033<br/>1,058,940<br/>1,053,630<br/>1,029,345<br/>1,001,096<br/>888,972<br/>853,876<br/>823,116<br/>816,816<br/>816,816<br/>816,816<br/>816,8205<br/>7,15,860<br/>7,10,190<br/>687,309<br/>637,776<br/>635,758<br/>605,600<br/>7,10,190<br/>687,309<br/>637,776<br/>86,23,809<br/>621,565<br/>605,600<br/>7,10,196<br/>88,972<br/>853,876<br/>823,816<br/>816,816<br/>816,816<br/>816,816<br/>816,8205<br/>7,15,860<br/>7,10,190<br/>687,309<br/>637,776<br/>86,23,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,876<br/>823,877<br/>825,778<br/>86,237,996<br/>87,778<br/>86,23,876<br/>823,876<br/>823,876<br/>823,877<br/>825,778<br/>86,237,778<br/>86,237,778<br/>86,237,798<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,816<br/>87,277,278<br/>87,277,278<br/>87,277,278</td> <td>304<br/>149<br/>182<br/>103<br/>135<br/>125<br/>109<br/>578<br/>125<br/>109<br/>578<br/>125<br/>109<br/>578<br/>125<br/>125<br/>109<br/>578<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125<br/>125</td> <td>40         142           142         142           142         142           142         142           142         142           142         142           155         76           155         76           155         76           110         55           141         151           131         84           47         96           244         79           142         61           73         249           141         151           30         999           22         78           65         537           55         551           57         558           59         544           28         457           322         369           541         565           555         551           51         553           32         459           334         334           345         548           351         351           353         19           314         18</td>  | *LZ5B<br>*LZ5B<br>*LZ2JU<br>*LZ1ZP<br>*LZ3DJ<br>*LZ2MP<br>*LZ7R<br>*LZ6C<br>9A3YT<br>9A5AET<br>9A4BA<br>9A1KDE<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A5D<br>9A5D   
   | " 28A 21A 21A 21A 21A 21A 21A 21A 21A 21A 21   | 56,704<br>13,600<br>89,472<br>1,716<br>53,053<br>7,938<br>2,945<br>Croatia<br>1,593,515<br>1,051,050<br>816,462<br>225,412<br>112,572<br>648,200<br>517,820<br>265,760<br>220,593<br>60,888<br>267,159<br>982,820<br>335,588<br>243,040<br>128,081<br>109,048<br>6,120<br>2,772<br>60,704<br>13,653<br>10,553<br>60,704<br>13,653<br>10,553<br>60,704<br>13,653<br>10,553<br>60,704<br>13,653<br>10,553<br>60,704<br>13,653<br>10,553<br>60,704<br>13,553<br>12,935<br>154,440<br>72,882<br>39,160<br>61,182<br>41,382<br>834,716<br>157,560<br>1,069,752<br>361,383<br>12,932<br>27,648<br>13,020<br>3,390,340  | 351 27 101<br>(OP: LZ7DP)<br>99 31<br>300 32 96<br>57 8 18<br>414 20 71<br>135 9 45<br>87 6 25<br>(OP: LZ2UW)<br>1985 98 287<br>984 148 402<br>1056 115 287<br>(OP: W2HUV)<br>584 50 64 95<br>(OP: 9A2VF)<br>1758 37 138<br>(OP: 9A5DU)<br>846 34 117<br>(OP: 9A5DU)<br>775 32 107<br>303 29 89<br>1341 28 101<br>(OP: 9A5MU)<br>741 59 204<br>605 57 191<br>317 62 201<br>323 59 113<br>38 26 34<br>25 19 25<br>240 30 82<br>198 13 44<br>146 14 47<br>105 328<br>138 165 558<br>(OP: OK1DS2)<br>2810 129 424<br>(OP: OK1DG)<br>183 151 471<br>1487 105 328<br>134 108 362<br>(OP: OK2PP)<br>159 110 269<br>99 1287<br>311 81 184<br>286 77 183<br>175 51 165<br>309 31 60<br>160 31 79<br>288 29 74<br>(OP: OK1DKI)<br>159 110 269<br>91 287<br>311 81 184<br>286 77 183<br>175 51 165<br>309 31 60<br>160 31 79<br>288 29 74<br>(OP: OK1UXH)<br>250 38 134<br>(OP: OK1UXH)<br>250 38 134<br>(OP: OK1UXH)<br>250 32 98<br>3173 38 136<br>160 160 31 79<br>238 29 74<br>(OP: OK1UXH)<br>250 32 98<br>3173 38 136<br>160 160 31 79<br>238 29 74<br>(OP: OK1UXH)<br>250 32 98<br>3173 38 136<br>160 160 31 79<br>238 29 74<br>(OP: OK1UXH)<br>250 32 98<br>3173 38 136<br>160 160 31 79<br>238 29 74<br>(OP: OK1UXH)<br>250 32 98<br>3174 34 145<br>454<br>(OP: OK1DS]<br>2739 145 454   | G4IIY<br>G6T<br>M7W<br>M1X<br>G3VMW<br>G4AMT<br>GØBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4QBNR<br>MØWLF<br>G4IZZ<br>G3SWH<br>G4AWTQ<br>G3YXX<br>G4SND<br>MØDSL<br>M2A<br>MØWJE<br>G4WFQ<br>G4RKO<br>G3YXX<br>G4SND<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØEAS<br>MØNGN<br>GØB<br>G4CTY<br>GØEFO<br>MØEAS<br>MØNGN<br>G6AD<br>MØXAC<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>G6AY<br>G4KNO<br>MØAON<br>M2G<br>M7O<br>M8A<br>G3PJT<br>G1GEY<br>G3YJQ<br>M5W<br>M5D<br>MØHOM<br>MØUNN<br>G3RLE<br>*GØCOD<br>*G4P<br>*M9N<br>*M2J   
                                      | AAA<br>AA<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a<br>a   | 81,579<br>England<br>3,179,736<br>2,691,234<br>2,290,484<br>1,368,459<br>817,036<br>6703,716<br>650,925<br>565,153<br>550,463<br>353,840<br>391,935<br>353,840<br>391,935<br>353,840<br>391,935<br>353,840<br>391,935<br>353,840<br>391,935<br>353,840<br>391,935<br>353,840<br>240,198<br>14,977<br>69,222<br>67,996<br>65,296<br>54,168<br>27,234<br>23,174<br>3,080<br>331,499<br>121,275<br>32,038<br>41,100<br>562,485<br>151,522<br>140,875<br>95,200<br>92,988<br>14,690<br>350,840<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>178,227<br>81,661<br>36,240<br>177,480<br>177,480<br>150,282<br>141,224<br>141,224  | 297         53         160           2538         145         503           2109         151         500           (OP: G4MKP)         1519         168         548           (OP: G3TBK)         1757         93         304           (OP: GØCKP)         1185         78         263           1014         80         258         654         119         376           676         100         253         162         555         822         65         200           812         53         162         555         822         65         200           812         53         162         555         822         65         200           812         53         162         595         62         177           582         65         200         82         132           200         52         132         123         123           207         53         123         143         123           200         52         133         37         20         64         45         15         14           317         20         26         45  
  |
*ES2TT<br>*ES3BH<br>*ES3BH<br>*ES2DJ<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10HX<br>RT1A<br>RV1CC<br>R1DX<br>RA10MS<br>*R1DX<br>RV100<br>*R1CAA<br>*UA1F<br>*UA1A<br>RL5A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3DA<br>RC3A<br>RM3D | <b>Fan</b><br><b>Func</b><br>AA<br>3.5A<br>1.8A<br>1.8A<br>1.8A<br>AA<br>1.8A<br>2.1A<br>1.8A<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.<br>4.   | 6,960<br>945<br>325,304<br>11,830<br><b>Dean Rus</b><br><b>District 1</b><br>522,466<br>7,995<br>93,532<br>53,360<br>57,974<br>14,320<br>95,931<br>19,107<br>4,876<br>13,568<br>2,240<br><b>District
3</b><br>3,444,220<br>997,568<br>3,344,220<br>997,568<br>331,008<br>313,966<br>1,534,456<br>1,070,172<br>997,568<br>331,008<br>313,966<br>188,370<br>179,280<br>179,280<br>179,280<br>179,280<br>179,080<br>179,080<br>179,080<br>179,080<br>179,080<br>144,102<br>106,898<br>103,411<br>66,951<br>46,320<br>42,772<br>98,666<br>3,525<br>2,808<br>10,3411<br>66,951<br>46,320<br>42,772<br>195<br>2,24<br>169,260<br>154,364<br>35,765<br>675,078<br>135<br>729,570<br>23,048<br>6113,565<br>76,077<br>12,2384<br>415,160<br>365,310<br>24,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>23,048<br>613,565,770<br>24,2772<br>26,2702<br>27,275<br>26,375<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,275<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77,477<br>77  |   
  | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$  
  | *RA6L<br>*RV6AJJ<br>*RV6AJJ<br>*RA6LCJ<br>*RA6K<br>*RN6AT<br>*RA6HC<br>*RA6HC<br>*RA6HC<br>*RA6HC<br>*RA6DT<br>*RK6HG<br>UA9FAR<br>*RM8G<br>*UA9XX<br>*RC9X<br>*UA9XL<br>*TA1L<br>*TA1MK<br>*TA1UT<br>OY1CT<br>FDM4X<br>OY1CT<br>FDM4X<br>DK3QZ<br>DL3UB<br>DK9IP<br>DM5GG<br>DL6NDW<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF3VM<br>DL5XJ<br>DF6QV<br>DL1NKS<br>DHØGHU<br>DF3VM<br>DL5XJ<br>DHØGHU<br>DF3VM<br>DL5XJ<br>DHØGHU<br>DF3VM<br>DL5JS<br>DHØGHU<br>DF5XJ<br>DF2LH<br>DK4SR<br>DL3UB<br>DL1ATZ<br>DJ3AN<br>DL1NEO<br>DJ8RS<br>DL5JQ<br>DH7KU<br>DK8ZZ<br>DF5EG<br>DH7KU<br>DK8ZZ<br>DF5EG<br>DH7KU<br>DK8ZZ<br>DF5EG<br>DH7KU<br>DL5ST<br>DL1NEO<br>DJ8RS<br>DL4JLM<br>DL6AG<br>DL1VDL<br>DL6NCY<br>DL5ST<br>DL4LLM   | 14A<br>AA<br>7A<br>3.5A<br>AA<br>23.5A<br>AA<br>23.5A<br>Fa<br>28A<br>Fa<br>28A<br>A<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4                         | 76,608<br>68,020<br>67,596<br>34,584<br>26,880<br>1,891<br>25,645<br><b>District 9</b><br>25,883<br>77,868<br>22,050<br>308,798<br>86,784<br>22,575<br>22,072<br><b>Opean Tur</b><br>64,024<br>2,418<br>2,146<br><b>roce Island</b><br>100,842<br><b>ep. of Ge</b><br>5,508,594<br>4,790,916<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,594<br>4,790,916<br>2,386,592<br>1,125,3259<br>1,125,033<br>1,058,940<br>1,259,345<br>1,000,700<br>1,391,824<br>1,294,440<br>1,270,692<br>1,253,259<br>1,125,033<br>1,058,940<br>1,053,630<br>1,029,345<br>1,001,096<br>888,972<br>853,876<br>823,116<br>816,816<br>816,816<br>816,816<br>816,8205<br>7,15,860<br>7,10,190<br>687,309<br>637,776<br>635,758<br>605,600<br>7,10,190<br>687,309<br>637,776<br>86,23,809<br>621,565<br>605,600<br>7,10,196<br>88,972<br>853,876<br>823,816<br>816,816<br>816,816<br>816,816<br>816,8205<br>7,15,860<br>7,10,190<br>687,309<br>637,776<br>86,23,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,876<br>823,877<br>825,778<br>86,237,996<br>87,778<br>86,23,876<br>823,876<br>823,876<br>823,877<br>825,778<br>86,237,778<br>86,237,778<br>86,237,798<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,816<br>87,277,278<br>87,277,278<br>87,277,278   | 304<br>149<br>182<br>103<br>135<br>125<br>109<br>578<br>125<br>109<br>578<br>125<br>109<br>578<br>125<br>125<br>109<br>578<br>125<br>125<br>125<br>125<br>125<br>125<br>125<br>125  
  | 40         142           142         142           142         142           142         142           142         142           142         142           155         76           155         76           155         76           110         55           141         151           131         84           47         96           244         79           142         61           73         249           141         151           30         999           22         78           65         537           55         551           57         558           59         544           28         457           322         369           541         565           555         551           51         553           32         459           334         334           345         548           351         351           353         19           314         18    |

DF2RG DG9SEH DJ4WT DK1TW DL4YAO	" "	542,430 60 533,197 74 493,304 73 484,137 61 474,903 60	05 116 325 42 99 262 34 94 228 44 96 291 06 97 254	*DK3DUA " *DJ1SL " *DL4MFM " *DK8NT " *DK1IP "	580,371 498,492 498,370 497,746 468,756	703 111 298 656 88 278 1048 70 235 804 88 294 490 121 328	*DL7ND *DM7CW *DJ6OI *DL5NO *DF7GG	3.5A "	24 <b>20,069</b> 10,500 3,555 <b>25,740</b>	4 316 102 79 365	3 3 8 53 12 58 8 37 10 56	*TM5DX *F4IXM *F5UGQ	21A " 14A	<b>156,672</b> 364 <b>7,964</b>	<b>502 35 93</b> ( <b>OP: F4HAU</b> ) 14 5 9 <b>120 8 36</b>	<b>112S</b> 106A	<b>AA</b> "	<b>Italy</b> 7,005,284 2,323,150	<b>4000 185 629</b> ( <b>OP: IK2QEI</b> ) 2773 124 361 ( <b>OP: IK6OON</b> )
DJ5IW DF7TV DL5DTG DH1TST DM5DM	" "	453,180 58 420,492 51 412,848 54 390,910 51 389,418 80	33       104       286         18       113       289         14       101       322         12       99       304         05       62       184	*DK3WN " *DL3JAN " *DK7TX " *DL1AQU " *DE1DT "	419,728 395,256 367,200 346,473 345,644	839 73 223 425 122 394 614 93 267 770 59 222 695 64 235	*DL5ANS	" Æ	10,123 Finland 2,698,290	213 2577 1	9 44	SV1RK	<b>AA</b> "	Greece 1,878,765 286,572 249,010	<b>2625 106 329</b> ( <b>OP: SV1ENG</b> ) 594 70 216 348 98 272	I2WIJ IK3ORD IZ3NYG I3FIY	" "	2,252,974 2,077,731 1,558,550 788,125	2047 146 480 1368 156 525 1460 141 370 997 120 365
DK7ZT DL8RDL DK2AT DK5XG	" "	379,566 44 371,050 50 367,471 65 356 820 73	13     110     376       18     104     258       106     73     226       106     72     213	*DF2CH " *DK5WO " *DL2LRT " *DP5P "	336,996 287,985 276,255 271,560	531 89 244 690 59 204 586 77 238 511 68 180	OH8L OH3EM	"	1,723,781 846 976	(OP: 0 2275 1 (OP: 1478	00 334 0H6NIO) 20 383 0H8LQ) 93 323	SV2DAA SV1ABB SV3AQT SV3IRG	" "	11,375 728 475 222 615	125 21 70 14 14 14 22 9 16 1212 33 102	IK2SAI I8QFK I1JTQ IK2XDE	" "	700,416 693,036 663,936 557,036	978 117 314 1067 106 278 855 101 313 1305 64 240 916 78 236
DM5TI DF8V DL1YM	"	354,981 47 312,965 61 (C 303,030 50	72 105 242 16 68 197 DP: DF8VO) 07 63 159	*DL5MFF " *DL3IAS " *DL8DWW "	270,471 269,370 207.825	(OP: DL1MHJ) 551 73 194 351 101 337 420 54 201	OH6OS OH1EB OG2P	"	795,880 494,852 398,008	897 1 754 1290 (OP:0	22 383 94 292 42 136 0H2PM)	<b>SX2I</b>	7A "	<b>502,800</b>	(OP: SV2HXX) 1854 36 114 (OP: SV2JAO) 645 29 99	IKØXBX	"	538,074 476,748	779 79 255 859 69 159 (OP: IK2JUB)
DK2LO DL1LOD DF1HF DL7VOG	66 66 66	294,144 41 279,216 43 254,514 43 246.818 58	19 104 279 32 99 237 33 77 261 32 72 214	*DK5TA " *DC8SG " *DF2AJ " *DLØCK "	202,119 201,228 188,616 178,649	528 67 200 419 67 179 309 86 185 473 59 168	OH3NAQ OH7KD OH8CW OH3NDH	"	365,600 278,444 275,184 204,290	500 1 536 614 347	04 296 69 233 79 233 82 228	SV8BHN *SV1AJO *SV2EVS *SVØSYH	1.8A AA "	<b>1,221</b> <b>222,748</b> 83,640 46,610	<b>33 7 26</b> <b>644 52 181</b> 344 38 132 173 47 111	IK2XSL IK2XSL IZ7ECL IK1TTD	66 66 66	351,135 326,400 299,880 287,550	368 127 332 580 74 166 448 85 221 714 64 206
DF6RI DL3FCG DL7CX DL8KX	66 66 66	227,700 48 221,400 42 220,528 32 206,668 48	85         65         210           25         63         183           23         100         258           39         72         170	*DF1OE " *DF7CB " *DL3RDM "	176,337 175,582 172,898	(OP: DL1EAL) 488 49 140 510 53 200 423 59 212	OG1D OH6DX OH3JR	"	159,088 142,352 141,440	475 (OP: 224 232	50 113 OH1JD) 88 160 93 227	*SV2SIF *SV1PMQ <b>*SV2BOH</b>	, " i 28A	19,729 7,857 <b>74,000</b>	(OP: OK1CDJ) 125 33 76 77 25 56 <b>433 24 76</b>	IK5XLB IZ3XEF IK2TDM IV3IPS	66 66 66	267,075 265,320 192,192 188,710	592 54 171 432 84 180 360 72 192 535 63 163
DF9XV DK5JM DK2CC DL2OE	" "	197,276 35 181,248 35 169,708 33 164,838 25	52         82         216           58         67         110           39         82         237           54         102         229	*DL4DTL " *DJ3XA " *DL7ALM " *DG9OAY "	163,840 158,340 157,879 156,137	40964192410531504016019150847146	OH5BE OH2BJ OH7KBF OH2ID	"	125,160 115,543 103,576 92,685	224 292 321 244	76 134 64 163 58 156 54 113	*SV1ME *SV1SYY *SV2AEL	14A 7A	123,264 9,086 105,840	743         28         79           158         18         59           517         28         92	IK7UKF IZ5NFD IU4CHE IZ8VYU	" "	188,210 186,296 178,383 135,713	465 76 214 394 68 164 253 107 184 522 35 78
DL9NDW DL1SVA DL6UAA DK1AX	  	160,380 35 153,065 30 139,612 49 136,575 32	57         57         141           00         77         176           00         61         148           24         62         163           25         55         62	*DJ2FL ** *DJ2FL ** *DL1SO ** *DF7TS **	152,139 147,420 129,744 124,407	326 59 190 372 61 173 391 51 153 392 42 165	OH5VI OH1MM OH2EA OH2CI	"	86,028 56,823 50,512 43,358 28,500	225 159 179 166	61 153 51 90 44 110 43 90	HG8R	<b>AA</b> "	<b>1010gary</b> <b>6,911,991</b> 2,569,652	<b>4267 173 574</b> ( <b>OP: HA8JV</b> ) 2903 126 401	I5MPN IW2EVH I3VJW IR1Q	" "	115,583 113,472 84,575 65,720	300         66         155           270         67         125           157         74         125           457         27         97           (20)         27         107
DG7NFX DL2NFC DF4PD DL1STG	" "	93,904 27 93,177 24 90,432 20 85,352 20 84 346 22	17         56         133           10         65         92           18         60         167           10         60         121	*DJ5KW " *DL1DQW " *DJ3WE " *DK2EG "	124,352 122,672 121,828 121,800 114,264	256 72 196 373 45 131 324 57 172 251 66 214 426 46 138	OH2NI OH6TN OH2BAI OH3EX OH2MAS	" "	30,500 31,920 7,991 5,100 1,452	139 130 87 59 26	04         90           37         47           17         44           13         47           11         11	HA6P	"	1,198,539	(OP: HA1YA) 1387 105 282 (OP: HA6PX) 1082 133 406	IK4JQQ IK1LBL IØWBX	" "	58,752 <i>47,595</i> 23,544	(OP: I01JCZ) 208 39 114 115 67 100 124 34 74
DH6BH DL9GCG DJ2AX DL8CA	66 66 66	81,968 28 77,280 21 64,680 29 55,432 19	35     53     135       11     56     105       91     45     120       96     42     62	*DL4DRW " *DL6RDR " *DJ3NJ " *DL9SEV "	110,517 108,768 106,765 106,577	305 57 130 249 61 115 305 45 118 345 51 146	OG3B OH2MA	28A "	<b>223,074</b> 153,700 149,112	687 (OP: 0 656 568	<b>35 127</b> <b>DH6MW)</b> 32 113 34 118	HA5UX HG8W HA5OM	"	756,863 697,570 429,319	1049 103 276 900 109 286 (OP: HA8ZO) 544 96 245	IW3QTG IK1BXN IV3KKW IK2YXB	66 66 66	16,095 12,360 12,096 5 400	79 42 69 111 18 22 94 24 39 40 21 33
DK2BJ DL3IAE DF9VJ DL7LAM	" "	54,416 27 53,956 12 51,456 18 50,554 20	72       37       115         25       68       96         30       43       85         09       47       114	*DK7TY " *DK7XX " *DL4FDI " *DL1GRC "	105,885 104,838 102,672 93,625	30848147325501233514713931445130	OH8WW OG8N OH2IPA	21A 14A	566,692 49,875 216,372	1984 247 1071 (OP: O	<b>35 113</b> 27 68 <b>28 86</b> H4MDY)	HG22TISZ HA8VV	ZA " "	425,040 244,314	963 85 223 (OP: HA7VK) 360 88 206 (OP: DH8VV)	IK8UIF IK3LLS IW7ED IB3N	" " 28A	1,254 1,035 256 <b>296,730</b>	22 9 10 17 10 13 15 5 11 886 35 122
DL1SWT DK1FW DJ1TO DF3CB	" " " "	49,270 18 46,176 15 <i>43,361 15</i> 43,218 13	38         43         87           51         44         112           50         43         88           39         52         74	*DF2DR * *DL4KUG * *DF4XF * *DL4WG *	85,329 83,824 81,162 78,402	240 50 121 265 46 123 327 45 117 328 44 135	OH6RE OH7K		104,256 <b>530,400</b> 14,880	323 2020 (OP: 122	35 109 38 122 OH8SR) 19 61	HA5YG HA3IC HAØDR HA2NA	"	218,218 169,250 149,682 147,490	757 51 167 538 56 194 500 59 143 259 84 161	IO2X IK2SND IO3X	66 66	249,640 227,448 195,508	(OP: IV3SKB) 709 35 123 668 37 119 587 34 114
DL7A00 DK4QT DK7MD DH1NBE DD2NU		40,425 17 31,408 16 30,366 9 28,923 16 25,792 15	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*DL2SWR *DL6DCX *DM3M	77,415 77,244 74,592 72,874	158 /1 124 317 34 89 289 42 126 (OP: DM3XRF) 305 36 130	OG50 OG4T	3.5A 1.8A "	<b>33,624</b> 22,720	<b>536</b> (OP: 0 327	<b>14 58</b> <b>DG55W)</b> 12 52 H4MEA)	HASMIG HA3JO HA2VR HA2UF HA5AO	"	71,820 53,960 <i>34,344</i> 22,995	436 49 159 213 51 129 183 43 109 <i>146 38 70</i> 109 31 42	I5MXX IR4B	"	166,860 129,645	(OP: IV3JCC) 626 32 103 402 33 96 (OP: IK4AUY)
DF3QG DL5NAM DM6DX DO4DAN	" "	23,088 9 21,715 8 17,574 8 11,413 8	99         41         63           39         40         61           35         39         48           37         17         84	*DM2RN " *DL7UN " *DL3LJ " *DL8ZAJ "	69,020 65,637 57,456 55,924	262 40 100 254 39 114 214 43 83 198 46 118	OH1XX *OH7GG) *OH6JUM *OH7KC	<b>( AA</b> 1 "	15,548 <b>316,484</b> 240,300 108,344	97 601 613 374	18 74 <b>79 277</b> 62 208 50 182	HA3MAR HA3LN HA8M HA4A	28A "	13,132 518,064 227,745 221,529	126 17 50 1327 37 135 771 33 102 706 34 113	IB6B	"	25,280 14,499	(OP: I3VFJ) 144 27 53 (OP: IZ6FXS) 69 28 53
DL8UI DF2TT DH6DAO DF5SI	66 66 66	8,568 4 8,190 5 7,874 5 7,383 5	18       28       35         52       29       36         55       29       33         56       24       45	*DL8FMA " *DK6QW " *DL1EJD " *DL3SBD "	52,290 41,208 41,055 39,680	211 44 122 154 42 60 215 28 91 133 51 104	*OH8MJ *OH3KAV *OH7L	"	76,235 55,632 11,088	(OP: O 211 199 122	H7MFO) 53 140 44 139 21 63	HA5JI HG1S HA8FK	21A	<b>848,144</b> 583,569 474,912	<b>2067 36 140</b> 1405 36 141 (OP: HA1DAE) 1345 35 118	IR4E IKØFUX IR3L	21A "	<b>403,095</b> 153,502 140,940	<b>1051 36 129</b> ( <b>OP: IK4ZHH</b> ) 449 34 108 481 35 100
DL8BFV DB7BN DK4US DL9BU		6,077 3 6,032 7 3,154 4 2,970 6	39         24         35           74         14         38           45         15         23           50         11         34	*DO4OD " *DD5VL " *DL3CB " *DK1YH "	39,501 37,125 36,972 36,372	205 35 98 151 43 82 198 33 84 195 27 57	*OH8KA *OH2CBE *OH3Ø77	) " F "	2,378 961 550	(OP: 48 30 17	OH8TV) 17 41 8 23 10 15	Ha9a <b>Hgøy</b> Ha8a	14A "	338,390 <b>921,519</b> 880,821	1132 33 104 2486 36 135 (OP: HA7GN) 2482 37 134	IZ8DVD I3FGX IZ2EER	" 14A	138,233 33,180 <b>271,050</b>	(OP: I3FDZ) 516 35 102 122 33 107 <b>993 33 106</b>
DL322A DM5JBN DF6PB DL2ARD 2 DL3ANK	" 8 <b>A</b>	2,920 3 1,107 1 594 1 <b>468,165 115</b> 407 750 98	10     10     22       17     12     15       13     9     13       56     36     141       37     37     138	*DH1VY " *DL9FBF " *DL7ED " *D.11MM "	29,748 29,318 29,141 26,950	165 56 69 149 39 72 124 28 79 146 50 131 157 24 86	*OH3JF	7A	46,620 France 2 855 968	508 2934 1	20 64	HA1AH HA8IB HG4I	66 66	789,960 519,203 313,445	(OP: HA6D2) 2147 37 137 1560 36 131 1072 34 105 (OP: HA5LN)	IZ8XXE IZ8XXE IZIFT IKØGDG	" 7A "	210,056 150,192 <b>506,055</b> 97,092	1129         30         94           693         31         95 <b>1732 39 126</b> 619         26         82           373         33         98
DH8BQA DK2GZ DKØMM	66 66	345,189 107 290,832 72 148,282 45	78 34 125 26 36 130 56 35 116 (OP: DJ7IK)	*DL7ULM " *DL6RBH " *DF1LX " *DF9JL "	26,909 22,848 22,464 22,042	131 31 40 185 25 94 123 28 80 159 29 78	F5CBQ F6EZV F6AUS TM5A	"	1,401,057 1,056,440 828,480 792,792	1347 1 1349 1 798 1 938 1	15 326 11 379 22 358 11 351	HG5D HA7A HA8LCA	<b>7A</b> "	<b>669,240</b> 432,943 218,752	<b>2139 37 132</b> ( <b>OP: HA8QZ</b> ) 1988 31 96 1068 30 98	IK1MTZ IK6ZER IR2D IK2QPR	" 3.5A	62,408 4,320 <b>128,700</b> 91,392	261         28         88           34         15         30 <b>1129 18 82</b> 429         30         98
DJ3CQ DJ9AO DL9NEI DL7VEE	" "	116,229 41 110,448 33 35,840 18 30,380 11	15         31         98           36         35         109           33         27         53           11         33         91	*DL7UPN " *DL7URB " *DL1NOD " *DL3CX "	21,804 21,476 20,064 19,950	137 26 66 94 43 75 119 33 63 130 22 53	F6GCP F8DFP F5UQE	"	348,950 302,064 285,840	(OP: 429 975 391 1	F5VHJ) 86 264 63 185 01 296	HA8TP HA1TJ HA2KMR HA8BT	3.5A	78,795 <b>493,878</b> 154,900 117,660	444         24         79 <b>2026 35 119</b> 1281         19         81           902         23         83           957 <b>17 7</b>	IZ8GCB IK1PMR IC8POF *IZ4JMA	" 1.8A AA	82,820 <b>54,750</b> 3,290 <b>859,840</b>	670         20         81           630         15         60           53         10         37           1496         76         244
DL7D2 DJ6TB DL6HCC DL8WX DL2AMD		7,524 7 7,105 5 4,104 5	18     38       77     16     22       59     16     33       59     11     13       2     2     2	*DMØE " *DL1QS "	19,620 18,841 16,212	155 24 66 119 29 54 (OP: DG1HXJ) 97 28 56 91 31 65	F5RD5 F5PAL TMØT	"	160,717 154,488	426 480 395 (OP:	53 120 58 106 F4HQZ) 50 128	*HA5PT *HA5PT *HA7MF *HA8V	1.8A AA "	<b>1,744,554</b> 1,539,279 1,058,132	<b>857 17 75</b> <b>2237 124 387</b> 1823 109 352 1507 106 346 1035 70 238	*IK1RGK *IK1ZOF *IK4RQJ *IØGOJ *IØGOJ	" "	609,760 567,464 510,384 378,315	738 96 274 803 87 269 607 99 273 752 88 227
DH8VV 2 DL1DTL DF4WC DL6FBL 1	1A "	<b>395,010 107</b> 208,351 76 4,884 5 <b>1,002,840 246</b>	<b>72 35 119</b> 52 34 109 54 13 24 55 38 145	*DL1FY " *DF8AN " *DL3SFB " *DF2AP "	15,550 15,554 14,544 13,284	118 18 32 108 28 49 103 21 51 100 25 57	F4IEH F4HPX F4KLW	66 66	127,006 120,020 119,790	323 396 353 (OP <sup>.</sup>	74 179 45 125 55 143 F5BQQ)	*HA8EV *HA5MI *HA1TNX *HA1AC	"	437,032 282,957 241,697 201,810 191,080	685 61 196 538 68 195 408 64 153 405 76 205	*IW5EIJ *IZ2OBS *IK8TEM *IZ2OOS	" "	289,845 282,150 275,693 242,355 226 785	575 76 209 566 77 193 460 89 264 475 79 242 560 57 138
DL7ON DL6RDE 7 DL4ME DL2LDE	<b>7A</b> "	607,221 168 <b>301,176 136</b> 121,520 64 69,680 24	34       38       133         30       35       106         18       29       95         17       34       100	*DL9NCR " *DJ3XM " *DG9VH " *DL3GJ "	11,934 11,644 10,850 10,823	79285088245811915551341861	F8EFU F5TVG F6GPT F1ADG	" "	116,160 95,841 66,576 27,804	344 198 330 152	57 119 58 149 29 85 29 55	*HA7MS *HA9TA *HA8TKS *HA9MDN	" "	160,416 134,334 130,988 127,710	28285203424431103017021635561154	*IK8PGM *IZ2DII *IV3TRK *IZ2GMT	66 66 66	226,625 178,038 167,753 162,240	525 67 192 497 50 139 329 74 153 494 39 156
DK7A DK1WU DR1A	 	47,816 24 (0 26,110 30 15,120 14	17         23         63           OP: DJ8VH)         07         16         54           10         15         30           02         10         74         10	*DK9DA ** *DL7CO ** *DK5WN ** *DL8JDX **	10,374 9,798 <i>9,266</i> 9,261	84 17 40 150 37 101 <i>92 24 58</i> 58 25 38 57 22 46	F5JRC F6GOE F6ETI F5NBX	" 28A	22,532 3,276 420 <b>324,810</b>	138 50 11 <b>843</b>	23 63 12 30 9 11 <b>36 126</b>	*HA6AK *HA6NN <i>*HAØANA</i> <b>*HGØR</b>	4 28A	43,788 43,733 <i>1,400</i> <b>235,445</b>	244 30 93 213 38 63 <i>30 6 14</i> 647 34 121	*IU2JWF *IK2RLS *I1WXY *IW2FUT	  	145,860 142,065 137,550 136,500	349         66         154           346         62         143           275         66         109           436         41         134           202         77         174
DL2NBW DL4LAM <b>DJØMDR 3</b> . DL6DH	" .5A	3,600 4 2,268 3 <b>307,051 149</b> 1,980 3	48 14 26 35 10 26 34 32 107 32 9 24	*DH9SB " *DF7RG " *DL4DRG " *DF9GH "	7,128 5,335 5,046 5,040	60 20 24 51 20 35 125 29 58 38 21 24	F4HRM F5VIF TM1CY *F8DGY	21A 7A "	14,938 3,784 2,380 1.828,505	96 49 44 1562 1	25 52 12 31 8 27 39 484	*HG3A *HA8CQ *HA7I	21A 14A 7A	87,756 30,975 312,002	409 27 76 (OP: HA3PW) 221 20 55 1344 35 111	*IK4ZIF *IK5MEP *I4IKW *IK7RVY	  	120,536 120,328 109,568 107 450	308         67         174           199         105         142           599         38         140           221         64         150           341         38         137
DL9SCO DL7URH <b>DM7C 1</b> .	" .8A	1,638 3 6 <b>75,650 80</b> (C	31 12 30 1 1 1 05 17 72 0P: DL6CX)	*DK4RR " *DH5YM " *DL1ARK " *DC6RI "	3,686 3,652 3,444 2,448	57 11 27 57 14 30 32 18 23 58 14 37	*F8CRS *F6DCQ *F5PLC *F5OWL	"	1,726,673 684,664 271,806 213,380	1296 1 802 1 559 456	<ul><li>46 455</li><li>12 376</li><li>69 198</li><li>62 165</li></ul>	*HG8K *HA5BVG	"	109,678 67,803	(OP: HA7JTR) 559 30 92 (OP: HA8GY) 512 21 76	*IK2YGZ *IUØPJS *I1RJP *IZ1DXS	66 66 66	104,160 92,235 90,552 75,570	294 58 102 278 54 111 246 62 92 229 49 116
DL6MHW DL6JZ DL5KVV DM2RM DL6MEK	  	59,682 62 26,400 38 11,716 25 2,926 7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*DC1JHW ** *DF8LY ** *DO1PE ** *DL1ONI **	1,860 1,612 1,426 1,410	40 10 21 18 16 15 34 13 18 17 14 16 36 9 26	*F4FHV *F6DZD *F4EJL *F5BMI *F4CVO	"	175,950 136,915 106,140 87,135 86,464	455 404 300 325 201	61 164 52 145 53 121 42 115 60 133	*HA1WD *HA3FMR <b>*HA5LV</b> *HA5N	3.5A	22,950 11,834 <b>9,462</b> 4,590	203 19 66 106 13 48 <b>160 7 50</b> 103 6 39 (OP: HA5COZ)	*IK3TCK *IN3HUU *I2DJX *IK1NEG	  	74,685 68,970 58,962 57,710	290         44         151           306         31         90           228         34         59           241         37         108           240         24         92
*DJ5MO A *DL4FN *DF7EE *DM7W	<b>\A</b> "	<b>3,457,212 225</b> 2,577,960 211 1,999,998 122 1,824,843 167	<b>54 169 557</b> 18 130 428 21 160 542 74 117 382	*DL4ROB " *DL8WJM " *DL2OO " *DK5UA "	736 585 196 135	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*F4FFH *F1IKA *F5ILS *F4JIK	" "	76,741 70,720 61,740 58,028	297 305 268 234	44 89 34 96 36 90 42 121	*HAØHV TF1AM	1.8A AA	70,933 Iceland 486,750	923 77 253	*I2OGV *IU1GNA *IW7DMH *IK7I MX	  	49,149 48,285 48,204 47,124 40,424	249         34         93           193         41         104           138         52         104           222         44         109           157         43         81
*DR7T *DK5DQ	" "	(OF 1,637,454 164 (C 1,534,568 142	P: DL8MAS) I3 128 418 DP: DF1DN) 25 124 412	*DC2CL " *DJ3HW 28/ *DL7AU " *DF8AE "	99 <b>148,260</b> 128,772 103,983	5 5 4 440 34 106 361 34 112 305 33 104	*F5TYY *F4EEI *F6CEL *F4BHK	"	37,932 35,207 32,301 28,665	208 161 149 104	32         84           33         76           36         75           61         86	TF3Y *TF3DC *TF3EO	28A AA "	<b>27,825</b> <b>283,338</b> 220,572	<b>317 15 60</b> <b>524 63 234</b> 685 47 151	*I3JUK *IZ5FSA *IW8FFH *IU2ECB	"	39,337 33,866 28,638 27,136	21735104131457312637741373989
*DL4SDW *DL4SDW *DK1KC *DE1MM		1,500,883 119 (C 1,371,240 125 1,367,384 161	06 140 453 DP: DJØZY) 55 113 355 9 105 367 36 125 284	*DL/JV " *DF5EN " *DF3OL " *DL6UM "	20,164 10,620 9,594 3,060	108 27 44 88 16 29 90 14 27 37 14 22 35 12 10	*F4HJO *F4HJO *F1HMR *F6CZV	" "	25,296 23,100 18,928 18,648	144 94 185 120	23 79 40 70 25 79 31 53 23 49	EI6LA EI2KC EI8KW	<b>AA</b> "	<b>637,096</b> 367,026 133,575	<b>726 98 290</b> 982 67 182 515 43 152 204 42 02	*IZ7GEG *IK3EDT *IZ2BHQ *IW1CHX	" "	25,839 25,700 22,800 22,420	139         28         53           110         40         60           78         52         62           171         30         88           90         30         60
*DL1GME *DL1MGB *DL8TG *DF2SD	" "	1,143,648 154 1,036,422 131 986,264 129 936,828 80	123         304           18         93         325           19         103         356           11         101         351           14         115         376	*DM3F 21/ *DK2KT " *DO4DXA "	<b>72,120</b> 39,732 35.784	<b>272 31 89</b> <b>(OP: DH5FS)</b> 235 21 63 129 29 97	*F1TRE *F6KBF *F5FRM *F4FRF	" "	10,660 7,210 2,976 2.009	72 89 30 37	29 36 20 50 21 27 18 31	EI6HB EI5KO *EI8GP	28A 28A AA	49,560 <b>143,594</b> 5,092 <b>229.000</b>	198 37 81 639 30 92 64 13 25 608 49 180	*IK3OII *IU3EGK *IZ4EFN *IKØAJ T	и и и	13,311 10,032 9,780 9 322	57 36 51 64 30 36 136 10 20 81 30 49
*DL1TS *DJ4MH *DL7YS *DL5ARM	" "	819,762 103 758,056 99 728,916 94 624,096 109	32       106       325         95       95       299         19       98       319         19       98       79       273	*DL4YR 14/ *DF4ZL 7A *DL8WAA " *DJ5TT "	66,057 114,114 110,484 25,500	3422572683268852730941531966	*F4GYM *F3WT *F4FLO <b>*F5TGR</b>	" 28A	1,564 375 299 <b>41,280</b>	20 14 12 <b>197</b>	15 19 7 8 6 7 <b>26 54</b>	*EI9KY * <b>EI6KW</b>	" 14A I	<sup>48,880</sup> <b>20,720</b> sle of Mar	260 32 62 130 16 54	*IU3OAR *IU2OZU *IU3QEZ *I2EAY	66 66 66	8,100 6,760 3,696 2,288	85 21 39 84 19 46 44 25 31 42 18 26
~DAØBCC	-	607,240 117 (Ol	4 72 268 P: DL8DXL)	*DM210 " *DL1RNW "	20,910 10,547	169 18 64 89 16 37	*F5DRD	"	20,591 10,400	145 103	19 40 18 32	MD2C GD4EIP	<b>AA</b> "	<b>876,120</b> 61,272	<b>1412 71 209</b> 360 41 143	*IZ4IST	**	1,564	26 12 11

*IK5LWE <b>*IC8FBU</b> *IZ8BGY *IK1SOW *IKØNOJ *IKØNOJ <b>*IK4IDP</b>	" 28A " " 21A	1,080 <b>50,685</b> 21,888 20,592 17,856 14,840 <b>23,572</b>	30 1 <b>284 2</b> 155 2 124 2 125 2 102 2 <b>155 2</b>	1 19 <b>7 66</b> 2 54 5 63 4 38 5 45 <b>0 51</b>	PI4DX PF5X PI4COM PA1CW PA4OES	28A " 21A 14A	361,200 106,656 571,540 238,005 41,310	1077         35         133           (OP: PD1DX)         354         32         100           1506         36         128         (OP: PA1AW)           989         33         102         294         18         63	SP2XX SP5GNI SP5TT SN7X SP5GQX SQ6LJV SQ7IQM	66 66 66 66 66 66 66 66 66 66 66 66 66	170,183 163,800 133,551 93,184 43,585 27,900 19,600	384 360 315 354 149 112 110	66181751856314642140427342513761	*CT1GFK *CT7/ DL6IAK *CT1GFQ YO9HP	28A 21A 14A AA	12,012 378,099 42,768 Romania 3,022,672	64 1621 404 2668 1	21 63 32 97 18 63	IT9SSI IB9A *IW9GRL *IT9KCD *IR9R	" 14A AA 21A 14A	177,156 630,136 136,114 182,272 407,805	401 2027 (OP:1 297 727 1601 (OP:1	62 166 38 128 IT9RBW) 66 187 33 95 36 119 IT9WDC)
*IZ1PKV *IZ8EFD *IZ5IOV *IZØEHL *IK4RVG *IK2WAD *IZ4BOY *IU4OMO *IU8LMC	" 14A " 7A " 3.5A	7,176 <b>256,168</b> 30,303 11,880 1,140 <b>104,980</b> 38,493 48 <b>5,100</b>	82 1 <b>1081 3</b> 195 2 114 1 22 <b>675 2</b> 186 1 5 <b>104</b>	6 23 4 108 0 43 4 46 9 21 9 87 8 73 3 5 9 51	PA3GVI PA1CC PA3C PF6W *PA9M *PA40 *PA2PKZ *PA8MM *PAØ0	7A 3.5A " AA "	<b>18,827</b> <b>284,440</b> 29,160 228 <b>2,851,770</b> 2,694,024 1,327,968 982,049 920,970	172         13         54           1493         30         100           243         20         70           8         5         7           1986         157         533           2333         143         469           1483         125         352           1320         100         301           1112         120         285	SQ7U SP6ECA SP3JDZ SO5E SP3QDM SP6MAA SNØW	" " " 28A	7,686 6,136 3,588 795 693 368 <b>64,034</b>	118 40 31 48 (OP: 11 9 <b>317</b> (OP:	12 49 24 28 23 29 17 36 SP5VIH) 10 11 7 9 26 75 SQ9HQ)	YO4NF YO3GNF YO4AR YO7CW YO4FPF YO9AYN YO6ZS YO8BGD YO6OEV	66 66 66 66 66 66 66 66 66 66 66 66 66	2,468,016 751,840 494,158 331,485 242,400 229,620 159,929 153,110 75,276	3085 1 1318 1120 791 564 484 592 394 315	127         395           88         282           75         254           72         215           68         232           68         199           49         168           65         186           42         111	OM7LM OM7JG OM8CW OM8DD OMØM	Slov AA 28A 21A " 14A	vak Repu 1,085,418 384,216 845,920 27,140 849,680	blic 1384 1035 2159 150 2364 (OP: O	114 309 35 133 37 133 25 67 38 134 M3CGN)
<i>UA2FZ</i> <b>RA2F</b> RN2FA <b>UA2FW</b> * <b>UD2F</b>	AA " 28A 1.8A	Kaliningrad 1,773,750 167,417 61,633 366,520 4,158	1 1523 15 <b>355 6</b> 180 5 <b>1073 3</b> (OP: F <b>133</b>	0 475 3 188 6 87 5 135 342FA) 4 29	*PA2TA *PA3BUD *PC1PM *PA2DK *PG2AA *PC4E *PE1EEC *PA3EMN *PG7M		792,050 734,400 627,173 571,872 523,752 325,416 274,248 263,220 183,375	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	SP3MKS SP1MWN SN2M SP2PIK SN5Y SP3CYY	" 21A " "	26,980 12,567 <b>730,334</b> 521,850 324,900 223,146	143 99 1743 (OP: 1525 (OP: S 883 (OF 682	28 67 18 41 <b>36 142</b> <b>35 112</b> 35 112 5P2MKT) 32 118 5: SP5Y) 35 119	YO7BM YO2LCP YO9SW YR9F YO2MNZ YQ6A YP3A	" 28A 21A 14A " 7A	836 1,232 2,015 151,578 105,120 689,564 149,499	20 22 37 722 (OF 543 2249 (OP: Y 866	8 14 10 18 9 22 30 96 2: LB3TI) 29 91 37 129 06BHN) 27 86	OM3CW OM8FR OM3DX OM5CM *OM6RM *OM4O *OM5UM *OM5UM	" 3.5A AA "	237,625 150,429 23,850 <b>247,200</b> <b>334,929</b> 117,476 95,880 78,225	1033 710 180 <b>1403</b> <b>699</b> 305 (OP 334 176	33         92           29         94           20         70           27         93           66         221           48         124           : OM3NI)         46           46         158           70         105
YL2SM YL2KO YL2GD YL9T YL7X YL2BJ YL9W	AA " 21A 14A 3 5A	Latvia 5,462,445 4,670,105 1,665,608 182,214 625,008 390,096 438,360	3694 18 3172 18 1493 14 367 9 1630 3 (OP: ) 1409 3 1870 3	6 609 3 596 9 458 1 227 6 138 (L2LY) 5 127 5 121	*PA7JWC *PA8KW *PA1BD *PA3DTR *PA7RA *PG6F *PA3GCV *PA8E *PA3DUU	     	180,690 169,904 139,988 129,307 126,856 126,672 114,444 97,464 81,510	517 53 137 395 75 184 391 50 108 387 48 143 435 59 143 428 47 156 368 50 137 417 41 145 257 38 76	SP5AUY SQ2A SP9RCL SQ5LNU SN3A SP5CNA SP8PAI	" 14A " 7A "	48,600 <b>791,190</b> 244,701 79,398 <b>1,233,900</b> 232,580 205,920	195 2099 (OP: 742 415 3385 (OP: S 996 695	28 72 38 139 SQ9UM) 36 123 25 74 39 141 Q2GXO) 35 110 35 108	YP5A YO3LW YO2MFC YO5CUQ *YO8DOH *YO3GCL *YO4DG	" 3.5A I AA	131,898 58,425 2,952 <b>15,738</b> <b>1,153,025</b> 860,078 826,308	(OP: 725 (OP: Y 368 32 <b>245</b> 1798 1 1289 1 1489	YO3HA) 28 86 O5CBX) 24 71 15 26 <b>8 53</b> 100 325 102 296 91 287	*OM6MS *OM5APP *OM1AKU *OM8MF *OM1HMI *OM5KM *OM5ALL *OM8PG	" " 21A 7A "	75,504 34,727 32,160 4,200 1,518 <b>263,702</b> <b>271,414</b> 194,951 2,310	379 279 224 42 44 <b>793</b> <b>1245</b> 939 46	38       138         26       95         35       99         17       18         9       24         35       123         36       107         32       105         8       25
YL5T YL3FT *YL1YF *YL3GX *YL3JA *YL2TD	" 1.8A AA " 21A 7A	157,890 147,402 127,699 59,595 119,528 82,264	(OP: YI 1101 2 (OP: Y 1023 2 746 2 (OP: YL 258 3 451 3 619 2	L3DW) 4 90 L3DQ) 5 89 5 118 3GAZ) 6 101 2 102 6 78	*PAØCMF *PDØME *PA1FNW *PE1HWC *PDØJMH *PA2RU *PD2DX *PE4BAS *PE1RWL	- " " " "	76,424 70,980 67,080 63,840 60,166 59,340 57,081 48,944 41,920	348         39         125           289         43         113           272         34         96           279         40         112           299         33         101           282         42         96           182         42         16           182         42         81           244         32         99	SP5GH SP2HWW SN2B SP3GTS SP9LAS SP5ELA SP9JZU	" 3.5A "	15,696 13,794 <b>405,444</b> 157,665 157,522 140,700 132,209	(OP: 5 87 129 <b>1908</b> (OP: 5 999 1100 1220 883	SP8HZZ) 26 83 19 47 <b>30 108</b> SP2MKI) 26 89 25 88 18 82 26 93	*YO3FRI *YO7BGA *YO4RDW *YO4NA *YO2DFA *YO2CEQ *YR8A *YO2URS *YO2MIT		751,076 298,782 273,738 249,091 223,440 132,462 113,436 86,553 64,780	1005 1 636 643 636 478 454 320 393 294	107         305           76         221           60         198           51         172           78         207           54         169           51         156           43         134           42         122	*OM1AVV *OM5AW \$5ØG \$59AA \$53BB \$540	" 3.5A AA "	360 111,858 Slovenia 2,158,920 1,101,411 935,655 646 469	16 923 2339 (OI 1034 1316 861	5 10 21 82 133 407 P: S58M) 127 386 120 349 102 331
*YL2EA LY7M LY7M LY2SA LY2XW LY7T LY3CY	" " "	24,124 Lithuania 1,544,328 828,729 773,604 288,981 287,592 258,741	226 1 <b>1590 12</b> 1368 8 746 13 544 5 745 6 654 5	6 58 7 407 7 276 0 421 7 174 6 210 6 203	*PA3HGF *PC7E *PE4KH *PAØB *PC3T *PE4A *PA2VS *PC8M *PA2WLE	      	38,512 36,848 33,136 30,100 27,960 21,945 21,080 15,295 15,106	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	SN1W SO4P SP3HLM SP6AEG SP2LNW SP9DWT *SP4JCQ	" 1.8A " " "	83,888 34,342 <b>79,900</b> 38,952 33,450 20,223 <b>3,160,080</b>	717 (OP: S 359 (OP: S <b>770</b> 526 401 299 <b>2394</b> 1	22 76 SQ1DNJ) 15 62 SP4DEU) <b>19 75</b> 12 60 13 62 12 51 <b>159 534</b>	*YO4GO *YO2ARM *YO9GDN <b>*YO6LA</b> *YO6LA *YO8SAO *YO8SAO *YO8TNB *YO2MKI *YO3CVG	28A 21A 14A	37,994 29,484 18,117 <b>2,945</b> <b>22,080</b> 7,439 <b>82,917</b> 55,300 14,212	162 181 101 <b>51</b> 164 105 427 341 132	36         85           27         81           28         33           11         20           21         48           12         31           26         85           29         71           17         59	S52D S51NM S58Y S58N S53A S51RE S59L S52TW	۲۲ ۲۲ ۲۲ ۲۲ ۲۲ ۲۲	616,413 408,375 310,642 164,576 102,492 76,076 72,447 24,360	777 1 655 585 354 367 184 306 (OP 134	110 337 93 282 72 182 81 197 41 67 64 90 28 65 : S51DS) 38 46
LY2GV LY2AX LY2IJ LY2LE LY5O LY3B *LY3W *LY2W *LY2W	28A 21A 7A AA "	144,598 48,336 332,766 31,724 381,746 103,854 1,059,087 612,549 544,896	588 44 138 5 977 3 127 2 1106 3 539 3 1276 11 795 11 900 9 901 9	6 151 4 105 5 136 8 75 4 129 0 84 7 374 2 329 5 292 5 292	*PEØCD *PA3DSB *PB4PT *PI4RS *PD1BHZ *PA5MW *PA3EVY *PD1RP	" " 28A 7A "	14,014 11,859 9,156 2,204 1,369 <b>17,871</b> <b>21,680</b> 6,076	105         26         65           85         24         43           90         26         58           173         22         54           (OP: PD1DBL)         20         17         20           20         17         20         99         21         48           135         25         55         121         8         41	*SP2R *SP9XCN *SN5J *SQ3R *SP9DLY *SP7CF *SN1T		2,793,099 2,389,145 1,574,612 1,122,660 1,037,875 989,838 698,850	2537 1 2265 1 1797 1 (OP: 9 1252 1 (OP: S0 1478 1 1339 1036 1	144 503 142 463 126 440 SP5JXK) 112 350 Q3HMM) 116 359 97 336 104 346	*YO6FGZ *YO5AVN *YO2NAA ISØAFM *ISØBZR	AA 28A	183,060 136,344 10,912 Sardinia 2,515,405 12,566 Scotland	1084 1097 155 3066 1 98	26 87 21 83 9 53 117 388 19 42	S51DI S59DJK S56AA S50U S50K S52ZW S57Z	" 28A " 21A 14A	3,000 240 <b>387,774</b> 326,100 <b>826,920</b> 474,925 <b>819,408</b>	40 12 (OP: <b>1038</b> (OI 1010 <b>2008</b> 1360 <b>2316</b>	18 32 8 12 551DD) 36 131 P: S56M) 36 114 37 143 35 122 38 134
*LY2X *LY2F *LY2F *LY2MC *LY4L *LY7Z *LY3QN *LY3QN		275,361 214,896 197,006 156,729 120,321 25,466 9,272 3,692	520 6 741 4 506 6 295 7 252 7 172 3 (OP: L 90 2 33 2	9 194 2 180 3 211 4 193 2 189 0 89 .Y5XX) 5 51 2 30	*PA3AIN Z33B Z35T Z39A *Z32U *Z32TO *Z32TO	3.5A Nor AA 28A 7A AA 7A	10,672 th Macedo 329,732 477,795 74,778 42,828 88,191	230 6 40 onia 1070 58 163 1500 33 126 378 21 82 188 41 88 399 31 92 1029 14 65	*SP3BBS *SP2DKI *SP6CJK *SP2HHX *SN4D *SP8GNF *SN95PRF	""	424,000 378,263 317,322 266,400 249,249 247,895 209,712 185,535	702 581 404 516 938 (OP: S 535 449	70 223 75 214 95 275 79 194 44 171 5P4GAP) 54 203 62 155 095MU	GM4Z GMØAZC GM4V GMØVMV GM4EVS MM1F	" "	537,572 233,472 52,305 45,486 43,491 <b>160,347</b>	(OP: MI 736 (OP: G 580 196 (OP: MI 225 225 <b>559</b>	MØGPZ) 87 205 M4ZUK) 60 168 43 122 MØCCC) 33 100 26 83 30 99	S57DX S53M S51YI S52AW S57WJ S53Z S57W S51ZJ	7A " " 3.5A	818,832 1,111,352 943,428 916,994 762,528 62,014 25,568 149,130	2443 <b>3181</b> (OP 2780 3033 2522 415 226 <b>1287</b> 1217	36       132         38       135         : S51FB)       38         38       136         37       132         35       121         23       78         16       52         18       72         10       52         10       52
*LY2AT	3.5A Li AA	9,261 9,261 uxemboui 733,720 Malta	110 1 g 693 13	<sup>2</sup> 30 1 52 2 388	-233F GI5I MI5K	Noi AA 28A	92,430 rthern Irel 2,057,292 5,375	1028 14 65 and 3054 100 343 (OP: GI4DOH) 55 15 28 (OP: MI/(SE) E)	*SP8HWM *SQ3POS *SP5DJ *SN5WD *SP3EME	1 " " "	172,730 163,761 109,890 104,040 92,814	574 411 530 473 (OP: \$	50 180 63 158 35 150 37 143 SO5WD) 43 143	GM3YTS MMØZBH *MM2T *GM4X	" 1.8A AA "	146,432 33,069 910,672 306,000	<b>OP: MN</b> 493 <b>410</b> <b>1440</b> 702 (OP: GI	<b>MØGOR</b> ) 31 112 <b>14 59</b> <b>86 290</b> 74 226 M4WZG)	\$51V \$530 \$56X *\$52W *\$54X *\$56A *\$56A	1.8A " AA "	164,808 138,123 79,650 2,392,680 2,167,944 913,900	<b>1217</b> 1101 879 <b>2127</b> 1850 975	23         86           20         83           18         72           150         485           147         471           117         364
9H3TX *9H1CG *9H/ YT7AW *9H/	AA AA 21A	1,180,848 36,520 2,065	1776 10 (OP: DL 176 3 33 1	3 335 .5XAT) 2 78 0 25	*MI5I *GI4SZW	<b>AA</b> "	<b>2,034,053</b> 21,424 <b>Norway</b>	2635 99 370 (OP: GIØRQK) 150 27 76	*SP7CXV *SP9FMP *SP6NIV *SP7TEX *SP6OPC *SQ9ZAX	66 66 66 66 66 66 66 66 66 66 66 66 66	88,136 81,446 65,250 61,254 53,790 44,844	207 238 303 201 130 169	68 116 51 160 44 101 50 116 61 102 41 70	*GM3ZRT *GM5TDX *GM4OSS <b>*GM4FDM</b> *MM4D	" 1 28A	109,394 57,352 8,640 <b>79,632</b> 77,826	326 298 54 <b>338</b> 372 (OP: G	44 122 34 100 33 47 <b>28 84</b> 26 83 M4ATA)	*S56C *S51MF *S52ON *S55AW *S5ØL *S58D	66 66 66 66	568,516 231,878 173,201 37,064 30,016 24,892	1115 433 494 170 233 148	81 257 74 195 55 172 32 50 25 87 30 68
YT4RA *9H/ IV3CTS *9H/ SA7DXR	14A 7A 3.5A	4,656 4,995 5,668 Moldova	72 97 84 1	9 39 9 28 0 42	LB6KC LA7GIA LA8HGA LC7X LA3TK LA7XK	" " " "	470,855 424,125 191,100 120,536 75,350 59,330	(OP: LA8OM)           819         90         295           1220         59         202           607         47         148           688         30         92           192         50         87           256         47         123           450         47         123	*SQ5VCO *SP3TYI *SQ9S *SO6XL *SP8FB *SP2HFH *SQ9MEE *SP6IHE		37,084 33,180 27,648 24,624 23,808 22,261 19,788 16,965	205 167 141 147 101 129 194 69	35         92           44         96           33         75           34         80           48         80           33         80           27         70           38         49	*GM7WCC *GM4UYZ *GM8DYT *MMØGOF YT7R	0 21A 14A 7A R 3.5A	27,064 3,588 73,500 6,223 Serbia 4,022,200	266 75 467 (OP: G 114 3681 1	16 52 9 37 21 77 iM4ATA) 7 42	*S52AA *S55KA *S51RM *S53V *S59MA *S51WU *S52CC *S57ZT	" 28A 21A 7A	14,440 12,078 4,140 <b>76,866</b> 14,905 <b>6,954</b> 2,025 <b>99,935</b>	106 91 52 <b>230</b> 106 <b>81</b> 27 <b>629</b>	28 67 29 70 22 47 <b>32 106</b> 21 34 <b>12 26</b> 11 16 <b>26 89</b>
*ER3DX	AA N AA	149,520 etherland	(OP: UT 352 5 3264 14	5UDX) 1 159 8 476	LA6XI LC5M LA6SK LA2US LA6OP LA9OI	" " 21A 7A	49,392 43,646 5,936 1,377 736 <b>23,712</b> 97,020	153         55         69           166         47         110           68         19         37           17         10         17           18         9         14 <b>114 27 87 623 26 84</b>	*SP2MF *SP5TAT *SP2WGB *SP5TER *SP2ADY *SP6MI		12,012 10,117 9,718 9,396 5,247 4,095	80 65 109 106 63 63	25 66 29 38 22 64 19 62 11 22 12 33	YU7KW YU7OM <b>YT1X</b> YU5W YT5K	" 28A "	3,477,600 30,069 <b>405,643</b> 176,700 93,946	(OP: ) 2419 1 206 1122 505 389	YU7BW) 162 513 36 81 36 131 34 116 28 79	* <b>S57AW</b> *S57KM EA2W EE4Y	3.5A AA	<b>169,592</b> 9,169 <b>Spain</b> <b>9,184,725</b> 2,431,704	<b>1157</b> 150 <b>5284</b> 2010	<ul> <li>23 93</li> <li>9 44</li> <li>186 639</li> <li>142 462</li> </ul>
PC3M PA2A PA1T PC4H PA5N PA7LV PA5WT		1,675,366 1,257,668 856,556 731,042 687,102 623,124 593,460	1711 12 1489 10 1195 9 1185 9 1210 9 865 8 1194 7	6 380 0 358 9 295 8 305 4 289 6 256 3 242	LC5K *LN7TTT *LC9A *LA2XNA	1.8A AA "	<b>8,460</b> <b>830,588</b> 162,140 136,372	<b>188 10 50</b> (OP: LA5YJ) <b>1262 96 343</b> (OP: LA5LJA) 396 72 196 (OP: LB1TI) 422 46 160	*SP55SSB *SP9EXE *SQ6IUS *SP2EWQ *3ZØX *SP3CCT	" 28A "	2,747 1,110 210 162 <b>122,388</b> 118,938 55,955	33 42 17 18 <b>404</b> 444 (OP: S 249	14 27 5 25 9 12 10 17 <b>33 108</b> 34 95 SP5MXZ) 25 70	<b>YTØZ</b> YT9A YU5R <b>YT3X</b> YT4W	21A " 14A	<b>755,650</b> 753,666 578,502 <b>984,725</b> 522,348	(OP: 2037 (OP: 1932 1615 (OP: Y 2753 1835	36 134 38 139 36 126 38 126 08XXX) 38 137 37 121	EA2ESB EA4EM EB7KA EA2BD EA2A EB5F		1,796,678 767,807 465,850 416,097 324,800 318,045	(OP: E 1894 1 1461 1062 649 494 849	A4GOY) 104 390 77 230 58 184 79 218 84 206 48 147
PAØJED PA4EL PE1RDP PAØINA PAØGJV PA6AA PAØKDV		536,599 451,611 384,600 382,200 373,750 355,014 271,150	785 8 505 10 682 7 691 7 712 6 542 8 (OP: 660 6	8 241 7 310 8 222 1 229 8 182 5 241 PB7Z) 3 212	*LA6CF *LA3ZA *LA8OKA *LC1R *LB6VI *LA4KQ *LC9T	" " "	48,970 17,940 17,936 7,597 3,245 729 <b>3,916</b>	125 66 100 89 37 78 148 27 91 106 24 47 (OP: LB5SH) 63 16 43 30 7 20 <b>73 9 35</b>	*SQ7NSN *SOØN *SP4JFR *SP2TMT *SP2IKP *SQ1WO	" 21A " "	32,364 143,309 33,800 29,058 21,436 2,550	147 <b>451</b> <b>(OP: S</b> 142 153 (OP: S) <b>159</b> 65	30 63 <b>35 104</b> <b>Q9CNN)</b> 25 79 21 66 Q2BNM) <b>25 67</b> 7 27	YT2ISM YT1A YT3K YT4T YUØU YU1JW	" 7A 3.5A 1.8A	159,900 676,512 259,576 171,490 80,665 35,425	(OP: ) 1052 <b>2410</b> 1115 (OP: <b>1284</b> 805 <b>574</b>	YU1DW) 25 75 35 127 34 108 YU1UO) 22 88 16 69 10 55	EA3AKA EC3AIT EA4HQV EA3KN EA3PT EA1B EA4UV EA5JDN		191,025 189,735 181,300 158,730 145,476 82,995 50,880 44,400	634 354 387 294 273 201 166 209	49       176         81       192         71       188         78       208         94       230         67       98         45       115         40       110
PC5C PA1LEX PA4T PA4M PB5DX PA3GCU PA3GDD		256,486 231,290 226,107 180,612 179,218 144,324 128,475	599 7 886 4 460 6 415 5 475 5 401 5 343 6	1 186 8 154 9 190 7 117 8 168 6 155 8 157	SN7Q SP4Z SP1NY	<b>AA</b> "	<b>Poland</b> <b>8,641,836</b> 5,214,911 2,908.224	(UP: LA9VKA) 4870 193 635 (OP: SP7GIQ) 3232 184 633 2174 161 487	*SP7OGP *SP6MQO *SP8BRT *SP3CW *SP9JZT *SN1F	7A " 3.5A	<b>145,560</b> 5,610 2,117 <b>57,354</b> 52,050 50,140	<b>738</b> 67 58 <b>657</b> 677 475 (OP: 5	<b>28 92</b> 13 42 7 22 <b>13 66</b> 13 62 15 77 SP1GZF)	*YU3TA *YT2U *YU1FG *YT1XC *YT5BOS *YT2RX *YT5N	AA " " 28A 21A	<b>1,034,580</b> 318,784 79,790 74,704 3,500 <b>84,728</b> <b>57.600</b>	<b>1177</b> 1 699 376 306 50 <b>328</b> <b>317</b>	119         397           74         198           35         123           44         117           18         32           31         88           26         74	EA2GR EA3B EA7A ED4T EA7BUU EA3ATM	28A "	39,894 20,246 <b>292,435</b> 218,120 2,555 960	273 113 <b>1077</b> 678 (Of 29 18	28 94 32 74 <b>32 111</b> 32 101 P: EA4R) 15 20 13 17
PA4WM PA1BX PA1H PE6Q PA3EZC	66 66 66	126,338 123,025 111,709 82,544 76,760	323 5 417 4 282 6 444 3 (OP: P 215 5	3 128 3 142 1 108 3 121 A8AD) 8 132	SQ9C HF1K SN5N SP3HRN		1,724,340 1,506,285 1,294,176 1,275,510	2064 109 326 1729 124 413 (OP: SP1MGM) 1779 100 342 (OP: SP5KP) 1470 119 391	*SO5UT *SP8BXL *SN2S <b>*SNØR</b>	" " 1.8A	39,338 16,131 11,040 <b>52,785</b>	416 328 165 (OP: S <b>773</b> (OP: S	17 72 8 49 8 52 P2MHD) 10 59 SQ9IAU)	*YU7ZZ *YT1TU *YT1BD <b>*YU5M</b> *YT2AAA	" " 14A 7A	12,716 11,628 3,000 <b>346,560</b> <b>424,700</b>	(OP: 105 130 30 1289 1576	YU7AF) 19 49 16 35 16 24 37 115 37 118	ED1K EA7FPG EA5GIE EC1R *EA5M *EA5M	21A 14A 7A " AA	312,528 (OP: E/ 44,626 5,289 2,784 2,969,890 2,672,004	1090 1NK @ 287 105 51 3207	32 104 EA1NK) 29 77 11 32 8 24 128 411
PA3DRL PA3HEN PA1WX PA5CT PA9HR PA3CWN PA6Y PA3DDP		56,156 46,580 46,151 26,077 25,530 18,880 11,232 5,610 1,704	126 5 178 3 105 3 106 3 121 2 70 2 94 1 27 1	92         92           2         85           9         94           7         52           9         76           4         40           7         45           1         40           0         14	SQ8N SO3O SP2GWH SP7Q SQ1X SP9MZH SN7B SP6NIF SP3A		1,177,968 1,120,536 771,058 665,482 528,150 517,452 412,056 305,280 297,660	909         14/         381           1515         110         364           1038         106         288           775         102         289           521         114         389           598         115         313           508         96         292           525         90         228           601         67         175	CT7AUP *CT1BOH *CT1EHK *CT1AGS *CT7ASQ *CT7AKW	AA AA "	858 Portugal 432,600 444,261 76,048 17,394 8,940 1,260	41 <b>764</b> <b>745</b> 371 103 103 32	4 18 <b>75 234</b> <b>84 197</b> 31 81 32 46 19 41 9 12	*YU7WW *YT2B *YU1KT *YU1LA *YU1ED *YT1WA		346,527 189,552 72,362 69,760 <b>92,652</b> 85,941 <b>Sicily</b> 1,010,410	1459 910 486 423 <b>949</b> 939 <b>1252</b>	<ul> <li>33 106</li> <li>30 102</li> <li>20 77</li> <li>27 82</li> <li>16 68</li> <li>13 68</li> <li>98 297</li> </ul>	*EA2AZ *EA7TG *EA4BAS *EA2NN *EA3NR *EA3NR *EA3XR *EA7ZC *EA1IQM		1,173,051 896,335 731,084 592,196 550,536 533,260 436,774 338,040	1335 1094 970 1105 743 696 707 685	103       348         90       289         96       290         76       237         86       253         95       269         78       236         70       200

*EE2A *EA5BM *EA4XT *EA3AVV *EA7K	"	299,148 276,552 208,278 207,090 205,860	59277214(OP: EA2SN)51473203498661954616417039078214	*HB9LF *HB9XCL *HB9EXR <b>*HB9HMY 1</b> 4 <b>*HB9HBY/P7</b>	16,692 6,438 667 A 77 A 13,330	99 25 53 (OP: HB9CRV) 62 17 20 17 8 15 9 2 9 250 14 48	DU3T DU3JH *4I1FKB *4F3BZ	F AA 21A AA 7A	Philippines 3,468,972 47,068 59,328 40,875	S 2817 252 166 218	128 316 25 57 46 98 22 53	*HC1DW ZP5AA	AA AA	Ecuador 720,714 Paraguay 4,502,880	1136 ( 3530 1; (OP: 1	61 165 26 354 N2TTA)	W6MZ DL6MWG <b>4I1EBD</b> SP9VFX <b>HK4KM</b> DL1BWM	" " "	14,000 13,770 <b>13,724</b> 12,880 <b>12,775</b> 12,236	76 34 118 25 <b>108 21</b> 142 17 <b>91 31</b> 101 29	36 56 <b>26</b> 63 <b>42</b> 63
*EA5LU *EA2GM *EF7N	66 66	202,644 188,374 181,700	510 61 173 675 41 153 437 56 174 (OP: EA7KHB)	UW1M A	Ukraine A 8,197,727	6644 161 578 (OP: UR5MW)	LU1MA	SOU	TH AME Argentina 370.104	RICA	53 115	*9Z4Y	Trini 14A	dad & Tol 599,250	ago 1626 (	33 108	F6CWA UY7LM N6HI KB8PGW	66 66 66	11,704 11,248 10,676 9,375	98 26 78 22 65 32 54 30	62 54 36 45
*EC5AGM *EA7GVR *EA1G *EA7MT	"	126,808 121,875 85,836 85,800	304         72         190           406         46         149           401         28         64           241         61         159	UTØRM UTØRS UY7C UT3UV	1,050,840 965,928 608,820 76,612	1440 102 276 1002 125 376 1076 73 219 331 42 137	LU7HN LU8DPM	" 28A	110,544 <b>935,887</b>	(OP: L 432 2350 (OP:	U3MAM) 40 58 34 105 LW8DQ)	CX5UA CX5FK CX7ACH	<b>AA</b> "	<b>Uruguay</b> 957,456 855,651 104	<b>1445</b> 1411 ( 10	<b>70 174</b> 65 158 7 6	NO2D WR4I PA1B MØZWW	" "	8,905 8,710 7,820 7,209	61 28 57 24 109 15 77 23	37 43 53 58
*EA7GZQ *EA2EOW *EA7RCS *EC4TA	"	57,949 56,430 56,135 38,214	243 43 124 187 48 142 234 37 66 198 24 75	US8QQ USØSY UR5EDX US1CT	46,455 7,521 6,624 1.710	107 68 95 53 26 43 52 22 26 23 12 18	LT6M LO5D	"	779,160 392,250	2149 (OP: L 1128	26 103 U8MHL) 27 98	CX2BR CX6VM *CW3A	28A 1.8A AA	762,669 18,144 1,583,255	1974 113 1932 (OP: C)	31 110 19 44 85 220	DU1WBX YO4LHR YB1NA DJ3EI	" "	7,007 6,887 <b>6,732</b> 5,888	53 20 103 15 <b>54 21</b> 56 19	29 56 <b>30</b> 27
*EA4DLZ *EA4HRJ *EA3AXM	" "	34,720 30,012 27,816	147 40 84 124 43 79 126 38 76 140 28 52	UR7EZ UT7CR 7 UT5C	660 <b>A 501,254</b> 15,850	13 8 12 1748 36 133 195 13 37 (OB: UX7CO)	LU1DZ LT5V	"	275,184 23,826	1086 198 (OP: L	24 67 18 39 U8VCC)	*CX9AU	"	549,640 <b>/enezuela</b>	819 8	87 173	EA3TJ KNØW UAØSBQ	<b>4</b> 11	5,568 5,512 <b>5,440</b>	92 20 47 26 52 12	38 26 <b>28</b>
*EA7KQI *EA4AQQ *EA3AQ	"	22,048 10,830 8,211	149 28 52 111 41 63 66 33 62 63 29 40	US6EX 1. UT5UGR UYØZG	<b>3A 24,747</b> 23,100 15,732	<b>304 15 58</b> 232 15 60 164 15 54	*LT7F	<b>AA</b> "	<b>433,755</b> 78,996	673 (OP: 171 (OP: L	LU1AW) 64 110 U6FOV)	*YV4ABR *YV5COR *YV1JGT	28A AA 28A	280,395 27,792 14,798	1094 198 124	23 70 22 50 13 36	PA3HGX 7L1DST KIØG	"	4,450 4,418 4,324	72 12 40 24 55 21	40 38 23 26
*EA1CN *EA7BGR *EA3CV *EA4CWW	28A	6,820 3,612 <b>18,960</b> 12,850	67         23         32           52         18         24 <b>112 21 59</b> 116         16         34	*UZ1WW A *UXØFF *UT1US	4,230 <b>A 526,110</b> 316,354 237,445	81         9         38           885         86         304           513         97         270           432         74         207	*LW2DX *LU5OM *LU7CRA <b>*L77D</b>	" 28A	77,244 16,620 7,811 <b>11,515</b>	364 105 66 <b>100</b>	29 53 26 34 24 49 16 31	PZ5CO	Ă	QRP 6,335,373	4478 1 <sup>1</sup>	16 375	KC3NDU F5IQJ N3CI	 	4,312 4,048 3,969 3,654	78 11 46 16 51 17 31 14	45 28 32 28
*EA7J <b>*EE5K</b> *ED7O	21A "	5,696 <b>329,935</b> 310,488	65 12 20 <b>1143 35 116</b> <b>(OP: EA5DF)</b> 1183 33 103	*UW5U *UT1UL *UR7HN	127,470 121,878 112.840	444 51 159 (OP: UY2UA) 306 63 159 453 38 117	*LU1ELY	21A	0 Aruba	(OP: 4	LU6DC) 2 2	LY9A DK7HA JH10GC	4 4 4	1,078,742 888,440 576,232	1805 1400 715 1	91 315 87 293 20 203	PA/SQ3O0 YD6ROA DL8BEG VY2DP	GZ" "	3,564 3,416 3,360 <b>3,325</b>	65 12 71 25 80 8 <b>50 16</b>	32 36 6 <b>19</b>
*EA1CS *EA3JW *EA4E.IX	"	121,873 76,245 14 819	(OP: EA7EU) 615 29 78 365 33 82 104 19 54	*UT2O *UZ1RM *UW7CN *UB5BP	<i>77,112</i> 54,670 33,396	2 312 41 121 260 31 111 149 38 83 123 61 93	P44W	<b>AA</b> <sup>.</sup>	13,457,875 Bonaire	6254 (OP	169 586 : W2GD)	DL1MAJ HA5BA N8AA	<b>u</b> u	493,344 490,560 482,895 371,616	750 8 983 486	00     188       82     254       74     241       79     215	IW2NOY JM1DPL GØVCW	  	3,132 2,870 2,821 2,576	48 10 36 17 38 14 31 20	44 18 17 26
*EA7OR *EA3IN *EA4S *EA4S	" 14A "	<i>8,052</i> <b>250,062</b> 64,337	<i>111 13 31</i> <b>1031 36 106</b> 443 21 80	*UT5Q *UY1HY 28 *UTØEM 2*	2,601 A 98,145 A 4,066	53 14 37 326 33 102 53 12 26	PJ4DX	AA	2,958 Brazil	29	13 21	K8MR W6JTI JH7UJU DL1JDQ	 	369,460 357,744 354,450 336,092	514 ( 515 ( 536 ( 695 (	66194881699416172220	DL5OE BH2TVR K9XB	<b>u</b> u	2,570 2,520 <b>2,304</b> <b>1,914</b>	40 15 64 14 29 10	20 27 18 23
*EA1ASG *EA1FHQ *EB5CS	" 7A "	12,730 <b>1,107</b> 612	327         24         77           130         16         51 <b>29 8 19</b> 30         5         12	*UT8UU *UT7NY 3.	A 167,616 A 28,296 14,144 5A 62,560	<b>150 27 81</b> 160 13 55 <b>508 20 72</b>	PY2KC PY5AMF PY2KNK PT7WM	<b>AA</b> "	<b>2,134,176</b> 1,679,140 787,641 395,963	1768 2028 976 658	121         352           82         213           71         238           63         178	FG/ VE3RS/ YL2PJ	<b>۹</b> "	<b>302,614</b> <b>292,608</b>	627 5 737 0	54 152 69 219	BG3LTM BI3VJL YC1HBP	 	1,786 1,680 1,596 1,488	48 10 77 14 47 13 51 20	28 16 15 28
JW8AJA	AA	Svalbard 549,690	1082 70 149	*UR7MZ 1.	3A 27,328 Vienna Intl A 6,099	408 10 54 Ctr 37 22 35	PY3DX PY2OF PY4HO PY5DK	"	96,831 38,720 34,400 25,088	229 151 163 84	54 105 36 74 29 51 43 69	9A2EY R2PU GM4M	а а а	256,256 216,381 212,576	837 654 597	50 206 50 199 52 172	DM3AA KE4WKH YC9WH OH6OG	66 66 66	1,408 1,260 1,240 1 152	32 8 32 21 18 14 28 11	8 24 17 25
JW7QIA	"	231,623 Sweden	605 51 112	MWØSAW A	Wales	(OP: OE1ZZZ)	PY2XJ PY4BZ PY5ZHP	" 28A "	14,910 <b>527,498</b> 306,935	<i>97</i> <b>1305</b> 955	44 61 34 112 28 87	S53AR WB2CPU JK2VOC	а а а	210,410 209,520 187,776	623 363 442	M40BJ) 57 208 55 161 74 118	KA4RUR JJØSFV BG5OA	" "	891 864 812	20 15 <b>17 12</b> 25 14	18 12 14
SF1Z SM3U	<b>AA</b> "	<b>2,084,832</b> 1,408,158 1,336,500	1636 121 413 (OP: SMØHEV) 1192 136 458	MW5B 3. *GW5L 14	5A 478,682 A 52,920	2097 32 110 (OP: G3WVG) 343 24 66 (OP: CW47AP)	PS7DX PY6TS PY4ME	" 14A 7A	64 53,766 59,007	272 353	4 4 23 64 21 68	EA1AER W6QU NDØC	"	161,460 160,461 156,891	457 4 328 ( (OP: V 281 3	<b>48 132</b> 69 120 V8QZA) <b>73 144</b>	VA3IIF F4IGG PY6FX	"	629 621 465	17 7 20 8 11 7	10 15 8
SEØX SM6BZV	"	1,144,678 ( 848,216	(OP: SMØMPV) 1450 130 384 OP: SMØMDG) 995 112 346		OCEANI Australia		PP5JR PT2AP *PP5BZ *PY2FRC	3.5A 1.8A AA	<b>16,110</b> <b>60</b> <b>3,670,056</b> 1,388,361	78 11 2837 1350	<b>23 67</b> <b>5 5</b> <b>119 349</b> 106 261	ON9TT K4PQC OH3KQ UT5FOX	а к а	153,318 152,342 149,270 148,608	<b>543</b> 308 <b>530</b>	<b>47 155</b> 62 149 <b>50 180</b> <b>53 163</b>	N9EEE AC9XK JHØKFI	"	380 330 280 247	13 10 17 9 15 8 7 6	10 13 12 7
SM6M SB7S SM6NET	"	827,118 ( 750,288 669,811	879 129 348 OP: SM6MCW) 1311 103 289 788 110 311	VK6DW A VK3KE VK3X 2	A 40,464 22,145 A 4,284	109 51 93 98 37 66 43 16 20 (OP VK3GK)	*PY2CX *PT7CG *PT2AW *PY2UDE	" " 3 "	243,219 218,325 176,787 145,792	371 395 535 388	65 186 60 153 38 79 43 93	EA1GT	"	141,183 (OI 134,568	458 P: EA1G 402	48 141 T/QRP) 56 196	VK4UTT 9M2SPN YD2NIR UB1AKA	а (( а	160 156 88 66	65 136 74 83	5 6 4 8
SM5EPO SM3EVR SM6NZA	" "	583,464 535,424 490,050	942 80 242 1000 90 286 533 125 325 742 62 208	VK4DX 14 *VK4FJ 2 *VK3GF	<b>A 621,452</b> <b>A 5,184</b> 1,482	<b>1458 35 113</b> <b>60 11 21</b> 25 12 14	*PP5KR *PP2ROI *PY2WC *PY5CC	" "	144,650 123,098 113,985 75,735	549 408 318 221	31 79 42 80 56 93 48 87	N7RCS W7LG SEØI	66 66	123,402 114,767 108,741	294 271 428	42 115 40 117 43 158	IZ3NVR DO1OKE N6ARA BG6TVZ	" "	50 36 18	6 4 12 7 6 3	6 11 3
SM3COP SM3OMO SA6NIA SM3PZG	66 66 66	199,545 163,780 124,354	742         63         208           361         73         178           734         41         149           377         53         141	NH2DX 2 <sup>.</sup>	Guam A 665,798	1771 34 99 (OP: KG6DX)	*PY2VZ *PY2KME *PY2BBC	" Ξ"	43,904 39,758 39,216	145 144 137	39         89           41         62           40         74	HB9AYZ DS1TUW G4FPA	а а а	108,712 102,227 99,302	(OP: SN 408 389 368	MOHPL) 51 163 49 102 40 133	4F3OM OM7PY US5VX	28 "	101,181 41,031 31,450	434 26 182 26 177 22	61 71 63
SM6BGA SM5LNE SM5ENX <b>SK3W</b>	" 21A	61,204 14,104 2,660 <b>482,288</b>	223 45 62 62 38 44 28 16 19 1304 36 136	WH6R A Kh6U	Hawaii A 281,385 61,236	<b>653 76 93</b> 216 45 63	*PU2UAF *PY2OKE *PY2DN	= " B "	26,864 22,155 17,760	148 158 118 104	42 82 58 126 44 61 34 46	SMØGNS ON7CC VE3SIF ISØESG	" "	99,050 98,808 <b>95,424</b> <b>92,300</b>	405 4 387 3 <b>303</b> 4 <b>292</b> 4	43 132 38 141 46 96 46 96	YO6EX CO6EC HF5WIM		24,081 20,367 13,158 12,934	141 22 131 23 103 17 100 22	47 50 34 36
SM6F <b>SE5E</b>	" 14A	165,714 <b>693.063</b>	(OP: SM3SGP) 511 35 107 (OP: SM6CUK) 2024 38 133	AH7C NH7T 7	4,752 A 875,550 A 34.706	46 14 22 2015 38 112 (OP: @KH6YY) 5 173 34 40	*PU1LEC *PY1FI *PY1LV *PP5DKN	о" " Л"	13,504 9,880 9,648 8,418	100 61 88 55	24 40 25 40 24 43 32 37	DL8LR <b>K7FR</b> EA7AAW	" "	90,552 <b>79,192</b> 77,980	336 218 341 54744	48 120 69 83 36 104	G3L W7USA GW4W	а а	10,035 9,947 9,752	102 15 (OP: G3I 72 19 98 14	30 LHJ) 30 32
SM7PEV 7S9A	" " 74	158,720 121,000 <b>40 200</b>	(OP: SM5AJV) 721 30 94 526 28 93 303 24 76	*AH6KO 28	A 391,482	1478 31 60 3 330 70 123	*PY1ZB *PU8PSF *PY2PO4 *PY2LCD	- " ~ " ) "	3,220 2,805 540 348	59 55 10 11	23 23 23 32 9 9 6 6	F4HPZ NU4B OK1KDN	"	75,033 70,525 69,412	259 4 172 4 301 4	<b>44 145</b> 43 112 <b>34 100</b>	NH6O OK1LV K3UT	а а а	9,248 8,650 7,800	(OP: GW4E 102 17 76 20 65 12	EVX) 17 30 38
*SD6F *SDØN	ÅÅ "	<b>751,400</b> 721,536	<b>1644 68 272</b> ( <b>OP: SM6JWR</b> ) 1229 82 302 ( <b>OP: SM6NS</b> )	YBØBAC YB7YGR YB2IQ	128,590 122,550 93,330	293 54 113 236 70 120 222 51 102	*PY3DC0 *PP2DX *PY4XX *PY2BS4	28A	204 90 <b>256,891</b> 220 528	12 8 722 701	9 8 5 4 <b>29 102</b> 28 84	IV3DRP W1IG IU2OZV	<b>u</b> 	<b>69,003</b> 68,949 67,635	180 362	<b>37 86</b> 41 100 36 131	N1AIA EA4EPY JE1CAC		7,084 6,708 6,486	62 12 97 16 63 20	32 36 26
*SM5IMO *SM6FPG *SM3EAE	"	694,590 341,285 206,150	1131 76 314 773 70 273 605 52 165	YEIBON YBØCOU YC1JGE 20 YE3AA 2	3,901 A 8,060 A 34,444	228         56         92           35         20         27           113         8         18           169         24         55	*PY7RP *PY2RH *PU1JSV		168,087 113,049 45,920	530 505 224	20         64           31         98           22         57           21         59	RZ4AZ DL8DXW EW8G SP9CXN	"	64,517 64,380 62,160 61,908	358 262 367 341	<ul> <li>34 115</li> <li>41 107</li> <li>32 108</li> <li>29 125</li> </ul>	WA6FGV PU3VRW MIØM	а а а	4,025 <b>3,770</b> <b>3,745</b> <b>3,689</b>	45 11 53 13 45 12 47 13	20 16 23 18
*SM6IQD *SM6S *SM6Y	"	117,660 90,117 79,948	389 54 168 391 33 120 (OP: SM6OEF) 342 44 114	YBØSAS 14 *YC2VOC A *YB1RKT *YBØNSI	A 24 A 1,432,118 280,728 132,459	<b>2 2 2</b> <b>1587 96 230</b> 412 81 171 276 75 126	*ZZ1M *PY5II *PY1MK	"	42,550 35,910 31,680	306 (OP: F 219 193	21 53 PY1SAD) 18 45 21 45	N5OE DL7UKT HG7J OP4F	<b>4</b> 11 11	<b>59,321</b> 56,100 55,068 54,470	<b>166</b> 314 268 223	<b>46 91</b> 36 129 41 115 44 86	SN5Z SQ5W JR1UJX IW1BCO	 	2,405 2,310 1,530 <b>1,150</b>	47 13 24 14 27 15 <b>28 11</b>	24 21 15 <b>14</b>
*SK5AA *7S7V	"	65,884 58,050	(OP: SA6BNV) 258 50 131 (OP: SM5KRI) 225 45 105	*YB1BX *YD1FRU *YCØJOY *YB6IUP	83,895 64,842 63,801 13,952	264 45 74 250 35 72 179 53 86 88 24 40	*PY2RX *PY2ATF *PY5VE *PY1CM	к " Г"	22,021 19,260 18,480 15.456	159 189 193 143	21 40 16 29 16 26 14 32	N7JI W1UU <b>PAØZAV</b>	 	53,742 53,361 <b>49,068</b>	193 4 136 4 <b>247</b>	54 52 43 104 <b>36 105</b>	KJ5T JK1NWD PY2DSN DK5NAD	<b>6</b> 11	1,000 825 800 465	<b>23 9</b> 24 8 21 10 <b>11 6</b>	11 7 10 9
*SE4E *SM6MIS	"	49,928 29,868	273 34 124 (OP: SM4DQE) 262 24 90	*YBØISE *YB1BA *YB3VK *YG2BDN	11,122 10,682 8,470	70 34 49 83 37 61 80 33 44 54 17 26	*PX5M *PY1KB *PU2OG	"	12,987 12,737 12 144	136 (OP) 118 112	16 23 PP5BT) 15 32 16 30	PY2PLL RV3DBK K2PI	<b>4</b> 11 11	<b>46,920</b> 46,872 43,368	<b>188</b> 365 142	<b>32 70</b> 22 102 45 94	YO8DHD DM5QZ JT1CO	" "	294 165 <b>85</b>	18 4 7 5 <b>17 2</b>	10 6 <b>3</b>
*SD3A	"	20,680	(OP: SM6LZQ) 137 27 67 (OP: SM3FJF)	*YBØMZI *YB3FTD *YE3ESW	4,066 3,772 3,293	34         17         26           47         17         21           39         18         23           41         16         21	*PU2VNO *PY8WW *PU4WTI	B "	7,326 4,176 1,743	92 76 53	10 30 13 24 10 26 9 12	EA3QC DL2DCX IK3TZB EA1CM	66 66	39,895 39,480 38,962 37,524	258 260 140 195	26 75 26 115 53 101 35 83	NØJK LZ2RS HA3JB	" 21	60 60 114,885 92,340	5 2 469 28 395 28	2 83 86
*SM7RYR *SM6OPM *SM4EPR *SF5O	"	19,176 16,830 11,583 3,220	150 28 66 154 25 77 102 21 60 29 22 24	*YC1IFR *YC4SMK *YE8DWC *YB1WCK	2,585 1,269 1,078 304	52 24 31 18 11 16 18 10 12 12 8 11	*PV1DK *PV1DK *PU7ASF *PY4NF	" "	1,475 286 247 120	28 18 9 11	10 15 6 5 7 6 4 4	K2YG EA4U NQ2W FA7HCB	66 66 66	36,260 35,208 31,970 31,744	96 4 170 3 113 4 220 3	44 96 35 73 44 71 34 94	JQ1NGT YV5EN JR1NKN EA2BO	а " а	<b>54,320</b> <b>52,850</b> 50,220 <b>46,720</b>	27726290182533030920	<b>54</b> 52 51 60
*SM6FPC	14A	139,128 Witzerlen	(OP: SMØEOS) 556 31 93	*YB1HR 28 *YB9DE *YD2UWF *YE3EBV	A 36,103 14,905 6,972 2,546	<b>172 25 54</b> 98 22 33 115 8 13 57 9 10	*PY4LH *PY2FSF *PY2QT *PT9DX	21A	<b>199,302</b> 168,480 80,948 75.050	<b>643</b> 613 303 344	<b>29 89</b> 28 76 26 72 25 54	JE3AKU HA7AVU IK3BVD	<b>66</b> 66 66	<b>31,314</b> 30,820 30,353	141 186 213	<b>44 58</b> 31 84 28 99	M7R JR2EKD SP4NKJ		43,092 26,432 25 704	313 21 (OP: GØT 159 21 202 20	55 (PH) 43 52
HB9TOC HB9DQL HB9ON	AA "	<b>3,854,540</b> 3,015,064 1,441,033	<b>3124 147 473</b> 2638 126 421 1768 122 365	*YB1UUN *YD3CZV <b>*YB2VYY 2</b> *	2,511 78 <b>A 34,124</b>	34 11 20 5 3 3 160 23 53	*PY1XW *PY1KO *PR7AB *PY2GT4	" 14A 7A	49,250 <b>36,575</b> <b>146,387</b> 24	358 198 758	15 35 25 52 19 60	PU2TWZ Z33ST OK7PZ	" "	28,514 27,489 <b>26,733</b> 25,200	206 164 193	20         80           35         84 <b>33 100</b> 30         90	G3YMC KF4AV YO3DAC		23,973 22,126 20,592	245 15 120 19 166 17	46 55 49
HB9IJC HB9AWS HB9CVQ	и и и	1,258,305 616,920 519,168	(OP: HB9FBM) 1612 118 329 1288 86 302 1047 66 190	*YB7OO *YD2UTC *YF8HYV	23,490 15,635 14,945 14,726	145         19         47           117         13         40           97         19         42           167         18         19	XR2K	28A	<b>Chile</b> 408,054	1671	23 71	K2EKM DL6UKL AA5KD	66 66	24,800 24,610 24,066 23,901	95 89 206 201	34 66 38 69 31 95 36 57	JK1VUZ		19,024 18,711 13,608	138 21 111 15 (OP: WU 106 21	<b>48</b> <b>J2M)</b> 33
HB9AUK HB9EHJ HB9DVZ HB9CZE	" "	471,245 366,452 331,500 178,816	751 80 227 709 79 238 621 83 257 342 60 194	*YC1JEL *YB1NWP *YD3ASV *YD2UFR	11,928 5,661 1,848 1,298	126 20 36 61 10 27 40 11 13 25 8 14	XQ1KZ XQ3OP *XR3W	21A 7A AA	927,055 3,876 3.061,155	(OP: 2143 47 2536	<i>CE2ML)</i> 37 118 15 23 122 323	OE8TIR YO3FVR DL2BIS EA1BP	 	<b>23,688</b> <b>21,996</b> 21,630 20.046	<b>300</b> <b>186</b> 146 121	<b>15 57</b> <b>17 61</b> 28 77 22 56	KEØTT JA1KPF WC7S YC4SIZ	а а а	13,195 12,850 8,601 8,413	82 21 113 20 75 16 75 16	44 30 31 31
HB9KOG HB9EGA HB9FAP	" 21A	23,871 11,328 <b>509,049</b>	132 42 67 85 25 34 1402 36 127	*YC1GDF *YD1CHM *YF3FZR <b>*YC2KJC</b> 14	1,056 150 80 <b>A 7,08</b> 4	58 17 31 7 5 5 8 3 5 57 13 31	*CE1EW *CE1RT	" "	100,167 168 261 600	(OP: 246 7	<b>XQ4CW)</b> 70 103 6 6 <b>23 7</b> 3	KQ1P 7K1CPT W7UDH	" "	19,135 19,012 17,577	87 98 94 147	27 62 45 53 32 49 31 75	SP2FMN ZP9MCE PA5DX AB8DF	11 11 11 11	8,055 <b>6,882</b> <b>2,728</b> <b>2,310</b>	100 14 80 9 42 11 37 7	31 28 20
*HB9HTF *HB9TWM *HB9IIH	*** *	664,848 320,754 115,593	323         103         301           1296         64         240           587         70         224           381         45         114	* <b>YB9UA 7</b> *YB6PEN	A 8,008	62 20 36 4 2 3	HK6J	AA	Colombia 953,984	1302	78 179	OM3CUG JU1DX R4FJ	<b>u</b> 11	<b>15,928</b> <b>15,022</b> 14,766	<b>101</b> <b>118</b> 123	<b>31 57</b> <b>27 47</b> 28 79	VK4HAT SQ2RH HB9IQB		<b>1,863</b> 1,632 <b>1,200</b>	<b>38 13</b> 34 8 <b>28 7</b>	14 16 9
*HB9DBM *HB9DBM *HB9CIC *HB9GNY	"	113,880 62,868 45,744 27,645	364         55         164           222         51         118           358         23         25           117         37         58	ZL4NR A ZL4TT 2 <sup>-</sup> *ZL1TM 2 <sup>-</sup>	New ∠eala A 82,926 A 245,672 A 168,402	10 221 52 101 842 32 75 485 31 96	HK3C HK1MW *HK1N *HK3UA	" 28A 21A	24,596 <b>142,740</b> <b>240,670</b> <b>220</b>	115 638 1101 17	2561207019631010	MØMPN 12BPP	л <u>"</u>	14,534 <b>14,514</b> 14,080	94 97	20 66 <b>12 47</b> 24 56	YC2AUP GØVDZ DO1HFS	<b>41</b> 11	944 360 252 <b>49</b>	25 / 10 6 12 4 <b>5 3</b>	9 9 10 <b>4</b>
RT4W " JE1RZR " YU1RK " DL2TM "	124,236 748 21 63 65,270 392 25 82 65,145 250 31 70 50,320 367 22 63 39,591 300 19 64	KB9RPG AA 80 Distr W7RY AA 50	rict 9 9,414 205 58 123 rict Ø 2.805 115 70 109	DL1DXA DL8MF DDØVS DM2DS DL3MFQ	<ul> <li>58,842</li> <li>29,591</li> <li>23,520</li> <li>14,600</li> <li>8,470</li> </ul>	232 43 83 137 42 85 124 27 78 129 29 71 71 26 51	YD2BRN YE3WIL YC1LJT YDØRFS	<b>28A</b> 110 " 36 <b>21A</b> 22,737 " 198	<b>7 5 5</b> 4 3 3 <b>151 16 37</b> 8 4 5	JQ1YUF JS1YLQ	Japan District 1 2,195,736 62,738	<b>1917 148</b> 202 45 02 17	<b>3 331</b> 5 82								
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G2X " YO4BEX "	25,593 350 13 44 (OP: GØDCK) 18,360 224 12 48 12,818 160 11 47	NORTH A		DD7NT DL1EFW 2 DM7AA 1 DK1VD	4,350 28A 97,080 14A 109,242 31,031	72 15 43 339 29 91 543 27 92 219 18 59	LT7D	SOUTH AME Argentina 28A 142.155	RICA 636 18 63	*JJ2YDV	District 2 2,380	52 13	3 21								
SP2HMY " EA3BES " GWØVSW "	7,750 143 9 41 5,720 142 8 44 5,358 107 7 31	V31MA 1.8A Canada -	592 20 7 9 - District 3	DL2PR DL4CF DO6SB 3	" 3,293 7A 4,816	73 7 30 108 7 36 105 10 49	PU2MLO	Brazil AA 3.600	55 21 24	JL3ZHU	District 3 65,631	205 52	2 79								
G4GXL " G4ETS " MØORY "	5,244 108 8 30 5,031 113 7 32 4,636 92 9 29	VE3KJQ AA 1	5,824 172 15 28 Jba	DL5SFC 1	.8A 2,183 France	62 5 32	PU5ALE PY2CER PP5VX	28A 3,872 21A 15,246 14A 3,420	45 8 24 110 24 53 35 14 22	JG6YLY	District 6 733,656	790 133	3 264								
DF3SM " EA4GJT " GØUCP "	4,455 133 5 28 3,496 84 7 31 3,456 82 7 29	CO2WL 7A 1	1,521 173 12 29 (OP: CO2AME)	F/DL8CX Z	AA 324 28A 247	14 7 11 9 6 7 (OP: F4FDA)	CE4PS	Chile AA 80	7 5 5	JH8YOH	District 8 4,494,177	2917 174	4 447								
VE6EX " IU1HCC "	1,800 38 7 13 1,804 94 6 5 1,422 35 6 12	AFF Mau 3B8X AA	<b>HICA</b> Iritius 1,767 36 9 10		Hungary	457 20 72	0000		(OP: XQ3OP)	UP2L	Kazakhstar 16,739,261	ו 7453 187	7 660								
UA6ATG " E77MA " YCØBAS "	598 29 4 19 405 27 4 11 247 7 6 7	AS	(OP: PFØX)	HA2ZB	" 13,167 21A 209.300	(OP: HA5OB) 72 34 65 701 33 107	SING	JLTI-OPER GLE-TRANS	MITTER	*BX2AB	Taiwan 50,996	539 33	3 43								
CX2PI " HAØGK " JJ8RUN/6 "	169 11 6 7 100 8 3 7 54 3 3 3	Asiatic TA9J AA 50	Turkey 8,786 165 33 100	HA8RD HG3C	" 124,488 " 85,065	497 34 92 372 29 78 (OP: HA3HX)	1	NORTH AME United State	RICA es	<b>E2X</b>	Thailand 3,568,968	<b>2820 138</b>	<b>3 420</b>								
IW3SOQ " CN8YR " 7K2VNA "	49 7 3 4 45 3 2 3 42 4 3 3	Ch BD1KV AA 142 BG5JNT " 12	<b>1ina</b> <b>2,104 238 81 167</b> 2,308 100 30 38	HG5A 1 HA4FY	14A 222,358 7A 58,548	830 34 112 (OP: HA5IW) 537 17 65	K1LZ KC1XX	<b>District 1</b> <b>16,690,848</b> 14,063,840	<b>6717 188 700</b> 5774 181 685	*XV9K	Vietnam 1.050.318	1615 113	3 274								
Y 101 " <b>N5GSG "</b> JR1USU "	32 6 3 5 <b>32 10 4 4</b> 8 4 2 2 104 930 473 30 90	BG3UFC " BA4WI 21A 1	4,240 35 22 31 640 30 10 10 <b>1,648 130 20 32</b>	EI3CTB	Ireland 7A 546	24 5 16	NE1F *W4KZ	24 5,619,065	2 2 2 3036 144 509		EUROPE										
OK6OK " DM2DZM "	104,839         473         30         89           70,752         573         22         74           38,511         254         22         77           34,444         330         17         62		9,100 95 15 37 <b>ael</b> 3312 142 15 47	IZ8JFL	Italy AA 379,875	<b>572 94 281</b>	W2FU KQ2F	District 2 10,907,217 6.754,100	<b>4916 171 630</b> 3608 153 532	OE1XTU	Austria 158,844	379 61	1 183								
GM1J "	30,528 325 13 59 (OP: MMØBQI) 28 880 277 15 61	Jar	pan	IU3MIK IK4OMU 2	" 27,552 28A 20,768	136 36 60 141 22 37 484 30 84	*K1RQ	715,176 District 3	668 90 306	*EU1XX	Belarus 672,600	1295 93	3 261								
M3F "	28,248 298 13 53 (OP: G3WZD) 12.862 183 10 49	JK1TCV AA 7 JA1KEB " 4	<b>1,240 186 55 82</b> 1,710 160 37 60	IZ2QKG	" 5,320 7A <b>19,032</b>	131 5 35 247 10 51	K9RS KQ3F NS3L	<b>8,034,042</b> 3,815,955 14,832	<b>3808 163 595</b> 2310 129 456 74 19 53	OR2M	Belgium 6,817,284	4209 182	2 612								
ÚT5UÚV " IZ5OVP " ON4ANE "	7,050 125 8 39 3,864 83 10 36 3,772 109 8 38	JA4XHF/3 AA 222	rict 3 2,642 394 77 140	YL3BU	Latvia AA 98,820	477 35 145	* <b>K3AJ</b> *W3ZGD	<b>2,725,236</b> 1,634,886	<b>1774 124 425</b> 1152 119 387	E7DX *E7CW	8osnia-Herzego 14,487,240 4,516,272	ovina 7501 199 3324 163	9 721 3 548								
JR1ABS " PB7RS " TA3OWL "	3,770 65 12 14 3,686 94 6 32 3,465 41 9 24	Disti JH4RUM 1.8A	rict 4 6 4 1 2	LY2OU 2	Lithuania 28A 31,740 " 2,070	<b>168 24 68</b> 34 12 18	NX3A N4QS	<b>District 4</b> <b>3,305,412</b> 3,245,625	<b>1949 138 474</b> 1927 147 478	*E7GZ	3,556,750 <b>Bulgaria</b>	2788 159	9 535								
WA2NYY " SO2U "	1,917 25 7 20 1,750 56 7 28 (OP: SP2UUU)	JA6GCE AA 1,109	rict 6 9,988 1104 119 277	LY4BF 1	Netherland	394 24 67 S	* <b>AD4ES</b> *W4TG	685,755 <b>3,517,458</b> 732,672	<b>2120 142 481</b> 736 93 291 573 106 282	LZ5R LZ7A *LZ8A	<b>17,603,784</b> 3,784,888 <b>467,857</b>	8873 208 3041 156 728 99	3       748         5       512         9       278								
OH5C "	728 28 7 19 247 15 4 9 (OP: OH5CW)	Disti JK7DWD 14A 40	rict 7 6,818 225 25 56	PC5Q PAØRDT PC5D	<b>AA 214,452</b> " 177,325 " 160,632 " 120,414	594         56         166           557         48         157           508         44         140           481         42         141	K5TB	District 5 7,530,566	3745 176 597	9A7A	Croatia 13,136,580	6621 202	2 716								
OK6D " PY3FF "	210 12 6 9 104 5 4 4 98 10 4 3	JK8VPQ 28A	rict 8 5,760 66 17 19	PA4PA PA2AM 1 PF5T 3	" 32,340 14A 638 35A 8,211	231 25 73 29 5 17 160 8 43	*W5WZ	144,536 District 6	242 76 156	*9A5G	198,628 Czech Beput	4405 183 463 63	3 191								
DK9BM " JG3DHN " IZ5LZP "	48 8 2 6 28 3 2 2 20 4 2 3	JG1GOY/921A	rict 9 2,875 44 11 12	MIØI	Northern Irela	and 63 13 46	W1FM/6 *NX6T *W6DER	<b>29,172</b> <b>1,504,413</b> 17,459	<b>115 46 56</b> <b>1227 130 323</b> 118 37 42	<b>OK5Z</b> OK7O	<b>11,103,606</b> 7,620,720 4 200 971	<b>5500 199</b> 4462 186	<b>728</b> 6 657								
JJ1SWI " YT5YTT 3.5 YO8RAA "	6 1 1 1 43,736 570 11 60 22,836 318 10 56	9M2S AA	104 6 3 5 (OP: 9M2CDX)	SQ2ICX	Poland AA 306,558	464 81 297	W7RM	District 7 5,193,500	3073 166 445	OL7T OK1KKI *OK5SWL	3,050,890 553,527 <b>1,224</b>	2957 143 1058 81 34 12	3 447 1 270 2 22								
SM6DOI " IO5K "	18,135 238 13 52 17,216 266 10 54 (OP: IK5TBK)	EUR		SP9RQH SP9HVV SP7M 2	<ul> <li>109,616</li> <li>17,922</li> <li>72,358</li> </ul>	338 59 149 167 24 79 <b>246 33 110</b>	W7VJ	2,950,344 District 8	2050 152 370	ES9UKR	Estonia 12,787,341	7118 207	7 740								
SP8OOE " YO8RIX " G3YHF "	<b>11,289 225 8 45</b> 9,744 204 8 40 <b>7,990 155 8 39</b>	OQ4B 21A 18	8,048 128 20 44 (OP: ON4BHQ) 6 758 121 18 39	SP5PDA 1 SP5FKW	14A 20,400 7A 16,200	212 16 52 174 15 57	KOAZ	8,472,700 District 9	3900 100 000		European Rus										
DMØY "	7,696 134 10 42 7,008 147 7 41	0100000	0,100 IEI IO 00		5,502		W0\/W	4 599 000	2702 141 480		District 1	isia									
LIT1\AAA/ "	(OP: DH8BQA)	Bosnia-He	erzegovina	SP5ES 3 SQ9MR	0F (OF 3.5A 40,014 " 6,624	2: SP6EIY/QRP) <b>454 14 67</b> 176 7 41	<b>W9VW</b> AA9A	4,599,000 4,119,580 District Ø	<b>2702 141 489</b> 2135 154 549	RU1A	District 1 11,340,684 District 3	6513 200	) 709								
UT1WW " SP8D " VK2CCC " JH1APZ "	(OP: DH8BQA) 5,236 107 8 36 2,412 110 5 31 364 30 6 7 200 12 5 5	Bosnia-He E7ØAA 28A S Bulg LZ2AF AA 110	erzegovina 5,217 58 16 31 garia 0.292 385 54 148	SP5ES 3 SQ9MR 3 YO8BSE 2	5,502 (OF <b>3.5A 40,014</b> " 6,624 <b>Romania</b> AA 170,366 28A 33,934	454 14 67 176 7 41 451 72 211 155 26 68	<b>W9VW</b> AA9A <b>KØLIR</b> KØZX	4,599,000 4,119,580 District Ø 254,597 112,668	<b>2702 141 489</b> 2135 154 549 <b>429 79 180</b> 409 31 92	RU1A UC5D *UG5R	District 1 11,340,684 District 3 724,318 3,124	6513 200 1410 91 52 13	) 709 1 298 3 31								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T "	(OP: DH8BQA)           5,236         107         8         36           2,412         110         5         31           364         30         6         7           200         12         5         5           100         10         3         7           19,740         311         11         49           12,432         293         6         36	E7ØAA Bosnia-He 28A S LZ2AF AA Bulg LZ2AF AA Cro 9A5YY AA	erzegovina 5,217 58 16 31 garia 0,292 385 54 148 patia 1,512 40 13 29	SP5ES 3 SQ9MR 3 YO8BSE 4 YP8A 2 YO2CMI 2 YO8WW 1	00 00 00 00 00 00 00 00 00 00	454 14 67 176 7 41 451 72 211 155 26 68 77 15 31 138 9 45	M9VW AA9A KØLIR KØZX	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AME Alaska	2702 141 489 2135 154 549 409 31 92 RICA	RU1A UC5D *UG5R RT4G	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307	6513 200 1410 91 52 13 4977 186	<ol> <li>709</li> <li>298</li> <li>31</li> <li>657</li> </ol>								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HA1TI "	(OP: DH8BQA)           5,236         107         8         36           2,412         110         5         31           364         30         6         7           200         12         5         5           100         10         3         7           19,740         311         11         49           12,432         293         6         36           10,200         206         7         43           8,850         181         8         42           7,200         181         5         40	E7ØAA 28A 4 LZ2AF AA 110 9A5YY AA 9A6TT 28A 4 9A1CRT 21A 4	erzegovina 5,217 58 16 31 garia 0,292 385 54 148 patia 1,512 40 13 29 5,332 63 17 26 8,480 86 17 36 (OP: 9A7RA)	SP5ES SQ9MR YO8BSE YO8BSE YO2CMI 2 YO8WW 1 YU1LM YT8A 3	000 000 000 000 000 000 000 000	13       8       34         13       8       34         15       56E(F)/QRP)       454       14       67         176       7       41       451       72       211         155       26       68       77       15       31         138       9       45       896       73       237         536       17       73       34       73	M9VW AA9A KØLIR KØZX KL7RA	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AME Alaska 6,134,364 Canada	2702 141 489 2135 154 549 429 79 180 409 31 92 RICA 5080 148 350	RU1A UC5D *UG5R RT4G <b>DRØW</b> DA2X	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 cd. Rep. of Get 11,334,592 9,720,720	6513 200 1410 91 52 13 4977 186 many 5525 195 4668 198	<ul> <li>709</li> <li>298</li> <li>31</li> <li>657</li> <li><b>704</b></li> <li>722</li> </ul>								
UT1WW " SP8D " VK2CCC J JH1APZ " OHSCW " GM3YEH 1.8 LY4T " URSFEO " DL1AOB " HA1TI " IK1RAC " OUZV "	(OP: DH8BQA)           5,236         107         8         36           2,412         110         5         31           364         30         6         7           200         12         5         5           100         10         3         7           19,740         311         11         49           12,432         293         6         36           10,200         206         7         43           8,850         181         8         42           7,200         181         5         27           1,404         58         4         23           (OP: OZ1FJB)         200         205         7	E7ØAA 28A 28A 28A 28A 28A 28A 28A 28A 28A 2	erzegovina 5,217 58 16 31 garia 0,292 385 54 148 patia 1,512 40 13 29 5,332 63 17 26 8,480 86 17 36 (OP: 9A7RA) 1,512 55 7 20 Republic	SP5ES SQ9MR 3 YO8BSE / YO2CMI 2 YO2CMI 2 YO2WW 1 YU1LM 4 YT8A 3	3,502         (OF           8.5A         40,014           6,624           Romania           AA         170,366           28A         33,934           21A         6,762           1.8A         8,046           Serbia         409,200           3.5A         56,070           Sicily         9,317	13       3       3         13       63       73         454       14       67         176       7       41         451       72       211         155       26       68         77       15       31         138       9       45         896       73       237         536       17       73         55       32       45	W9VW AA9A KØLIR KØZX N KL7RA	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AME Alaska 6,134,364 Canada District 3 14,156,758 5,648,100	2702 141 489 2135 154 549 429 79 180 409 31 92 RICA 5080 148 350 6585 186 668 3586 150 520	RU1A UC5D *UG5R RT4G DRØW DA2X DP7D DD2D DF7A DD2D DF7A	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 dd. Rep. of Ge 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 9,5967,849 5,967,844 0,695,844 0,695,844 0,695,844 0,695,844 0,695,844 0,695,844 0,695,844 0,695,844 0,695,844 0,695,844 0,695,844 0,695,844 0,695,844 0,785,965 0,785,975 0,785,995 0,995,995 0,995,	<ul> <li>(5) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3</li></ul>	0       709         1       298         3       31         6       657         5       704         3       722         4       655         3       644         7       644								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " URSFEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ "	(OP: DH8BQA)           5,236         107         8         36           2,412         110         5         31           364         30         6         7           200         12         5         5           100         10         3         7           19,740         311         11         49           12,432         293         6         36           10,200         206         7         43           8,850         181         8         42           7,200         181         5         40           1,408         43         5         27           1,404         58         4         23           (OP: OZ1FJB)         660         34         3           340         5         3         5           (OP: OZ1FJB)         660         34         3         19           342         16         5         3         5	E7ØAABosnia -He 28ALZ2AFAABulg 1109A5TTAACro 28A9A5TTAA 28ACro 28A9A5TTAA 21ACro 28A9A5MP"-OK1DMPAA AA AA 3.5ATo 7	arzegovina           5,217         58         16         31           garia         0,292         385         54         148           vatia         1,512         40         13         29           5,332         63         17         26           8,480         86         17         36           (OP: 9A7RA)         1,512         55         7         20           Republic         3,428         262         75         242         1,890         24         15         20           1,467         916         11         62         0P: OKTIE         0P: OKTIE         0P: OKTIE	SPSES SQ9MR 3 YO8BSE 2 YO2CMI 2 YO2CMI 2 YO8WW 1 YU1LM 3 IT9RJE 2 OMØRX 2	8.5A 40,014 B.5A 40,014 B.6624 Romania AA 170,366 28A 33,934 21A 6,762 I.8A 8,046 Serbia AA 409,200 3.5A 56,070 AA 9,317 Slovak Repul AA 880,400	13       3       3       3       3         13       13       14       67       14       67         176       7       41       451       72       211       155       26       68         77       15       31       138       9       45       896       73       237       536       17       73         55       32       45       55       32       45       50       50       505       5	W9VW AA9A KØLIR KØZX KL7RA VE3EJ VC3U VC3U VE3YAA	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586           3586         150         520         1564         116         348	RU1A UC5D *UG5R RT4G <b>DR2W</b> DA2X DP7D DP7D DP7D DD2D DF7A DQ2C DJ1XT DM1T DE60106	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 cd. Rep. of Ge 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422	4977         186           4977         186 <b>many 525 525 195</b> 4618         198           4614         164           3908         178           3537         177           3227         171           1017         104           1163         99           366         53	0       709         1       298         3       31         6       657         5       704         3       722         4       655         3       644         1       552         4       326         9       2777         3       126								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ "	(OP: DH8BQA)           5,236         107         8         36           2,412         110         5         31           364         30         6         7           200         12         5         5           100         10         3         7           19,740         311         11         49           12,432         293         6         36           10,200         206         7         43           8,850         181         8         42           7,200         181         5         40           1,404         43         5         27           1,404         58         4         23           (OP: OZIFJB)         660         34         3           342         16         5         13           40         5         3         5           (OP: OH5CW)         ASSISTED         ASSISTED	E7ØAABosnia-He 28ALZ2AFAABulg 1109A5YYAA 28ACro 28A9A5TT21ACro 28A9A5MP"Cro 28A9A5MP"Cro 28AOK1DMP OK4AS OL4WAA 3.5A15 7 7OK6DJ"1"	arzegovina         5,217       58       16       31         garia       0,292       385       54       148         natia       1       13       29         5,322       63       17       26         8,480       86       17       36         (OP: 9A7RA)       1,512       55       7       20         1,512       55       7       20       3,428       262       75       242         1,890       24       15       20       1,467       916       11       62         (OP: 0A11       62       (OP: OK1IF)       1,825       215       8       47	SP5ES SQ9MR 3 YO8BSE 2 YO8WW 1 YU1LM 2 YU1LM 3 IT9RJE 2 OMØRX 4 S59GS 2 S58WW 1	8.5A 40,014 " 6,624 Romania AA 170,366 28A 33,934 21A 6,762 .8A 8,046 Serbia AA 409,200 0.5A 56,070 Sicily AA 9,317 Slovak Repul AA 880,400 Slovenia 28A 2,856 Slovenia 28A 2,856	13         3         3         3         3         3         3         3         3         3         3         3         4         4         67         1         1         7         4         1         1         7         4         1         1         7         4         1 <th1< th="">         1         1         1</th1<>	W9VW AA9A KØLIR KØZX N KL7RA VE3EJ VC3U VC3U VC3U VC3YAA VE6SV	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299	RU1A UC5D *UG5R RT4G <b>DRØW</b> DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DFØUK *DLØFTL *DLØGMH	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Get 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96	6513         200           1410         91           52         13           4977         186 <b>many</b> 5525           5525         195           4668         184           3908         178           3537         177           1017         104           1163         99           356         53           734         60           6         6	709         298         31         6657         704         722         4655         3644         5524         3267         3126         2073         3126         2046								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HAITI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ "	(OP: DH8BQA)           5,236         107         8         36           2,412         110         5         31           364         30         6         7           200         12         5         5           100         10         3         7           19,740         311         11         49           12,432         293         6         36           10,200         206         7         43           8,850         181         8         42           7,200         181         5         40           1,408         43         5         27           1,404         58         4         23           (OP: OZ1FJB)         660         34         3           342         16         5         3         5           (OP: OH5CW)         ASSISTED         HAMERICA         HAMERICA	E7ØAABOSNI-He 28ALZ2AFAABulg 1109A5YY 9A6TT 9A1CRTAA 28A 21ACro 28A 28A 21A9A5MP****9A5MP****OK1DMP OKAAS OL4WAA 3.5A1**OK6DJ**1**OX60DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ**1**OX70DJ	erzegovina 5,217 58 16 31 garia 0,292 385 54 148 patia 1,512 40 13 29 5,332 63 17 26 8,480 86 17 36 (OP: 9A7RA) 1,512 55 7 20 Republic 3,428 262 75 242 1,890 24 15 20 1,467 916 11 62 (OP: OK1IF) 1,825 215 8 47 mark 8,742 85 16 31 gland	SP5ES         SQ9MR           YO88BSE         2           YO88BSE         2           YO2CMI         2           YO2CMI         2           YO2CMI         2           YO8WW         1           YU1LM         3           IT9RJE         0           OMØRX         2           S59GS         2           S58R         552CQ           S57XZ         557XZ	3,502           (OF           8.5A         40,014           6,624           Romania           AA         170,366           28A         33,934           21A         6,762           .8A         8,046           Serbia         409,200           0.5A         56,070           Sicily         AA           AA         9,317           Slovak Repul         AA           AB         280,400           Slovenia         288           28A         2,856           14A         150,060           7A         54,048           *         16,055           *         342	1:3         3         3:5           SPGEIFV/GRP)         454         14         67           454         14         67         176         7         41           451         72         211         155         26         68           77         15         31         138         9         45           896         73         237         536         17         73           55         32         45         45         50         12         22         630         31         92           630         31         92         391         23         73         198         14         51           191         14         14         14         14         14         14         14	W9VW AA9A KØLIR KØZX N KL7RA VE3EJ VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AME Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         6688         3586           3586         150         520         1564           1564         116         348           2006         127         299           2303         99         218           972         76         101	RU1A UC5D *UG5R RT4G DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DFØUK *DLØFTL *DLØGMH OH1F OH9W	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 d. Rep. of Gel 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 Finland 7,448,253 3,175,464	6513 200           1410         91           52         13           4977         186 <b>many 5525</b> 195           4668         198           4614         184           3908         177           3227         171           1017         104           1163         99           356         53 <b>734 60 4549 177</b> 2863         170	0       709         1       298         3       31         6       657         5       704         3       722         4       655         3       722         4       655         9       774         1       552         4       326         9       277         3       126         0       204         6       6         7       654         0       561								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR6FEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ "	$\begin{array}{c} (OP: DH8BQA)\\ \textbf{5,236} & \textbf{107} & \textbf{8} & \textbf{36}\\ 2,412 & 110 & 5 & \textbf{31}\\ \textbf{364} & \textbf{30} & \textbf{6} & \textbf{7}\\ \textbf{200} & \textbf{12} & \textbf{5} & \textbf{5}\\ 100 & 10 & \textbf{3} & \textbf{7}\\ \textbf{19,740} & \textbf{311} & \textbf{11} & \textbf{49}\\ \textbf{12,432} & \textbf{293} & \textbf{6} & \textbf{36}\\ \textbf{10,200} & \textbf{206} & \textbf{7} & \textbf{43}\\ \textbf{8,850} & \textbf{181} & \textbf{8} & \textbf{42}\\ \textbf{7,200} & \textbf{181} & \textbf{5} & \textbf{40}\\ \textbf{1,408} & \textbf{43} & \textbf{5} & \textbf{27}\\ \textbf{1,404} & \textbf{58} & \textbf{4} & \textbf{23}\\ \textbf{(OP: OZ1FJB)}\\ \textbf{660} & \textbf{34} & \textbf{3} & \textbf{19}\\ \textbf{342} & \textbf{16} & \textbf{5} & \textbf{13}\\ \textbf{40} & \textbf{5} & \textbf{5} & \textbf{5}\\ \textbf{(OP: OH5CW)}\\ \hline \textbf{ASSISTED}\\ \textbf{HAMERICA}\\ \textbf{ited States}\\ \hline \textbf{District 1}\\ \textbf{3,565} & \textbf{45} & \textbf{8} & \textbf{23}\\ \textbf{12,036} & \textbf{78} & \textbf{16} & \textbf{43}\\ \end{array}$	E7ØAA       28A       Height 28A         LZ2AF       AA       Hill 28A         9A5TT       AA       28A         9A5TT       AA       28A         9A5TT       AA       28A         9A5MP       "       AA         9A5MP       "       AA         OK1DMP       CZ       FO         OK6DJ       "       1"         OK6DJ       "       1"         OZ6OM       21A       Engles         G1G       AA       Engles         G40ZG       "       1"	arzegovina         5,217       58       16       31         garia	SP5ES         SQ9MR         3           YO8BSE         2         2           YP8A         2         2           YO2CMI         2         2           YO8WW         1         1           YU1LM         2         3           IT9RJE         2         3           OMØRX         2         5580           S59GS         2         557XZ           S50XX         3         551Z	3,502 (OF 3.5A 40,014 6,624 Romania AA 170,366 28A 33,934 21A 6,762 1.8A 8,046 Serbia AA 409,200 3.5A 56,070 Sicily AA 9,317 Slovak Repul AA 150,060 Slovenia 28A 2,856 16,055 16,055 342 35A 62,100 24,857 0 1	13       3       34         13       6       73         454       14       67         176       7       41         451       72       211         155       26       68         77       15       31         138       9       45         896       73       237         536       17       73         55       32       45         blic       1432       95       305         50       12       22       630       31       93         198       14       51       17       4       14         716       13       62       317       11       56	W9VW AA9A KØLIR KOZX N KL7RA VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AME Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586           3586         150         520         1564         116         348           2006         127         299         2303         99         218         972         76         101           0ds         972         76         101         05         9389         182         650	RU1A UC5D *UG5R RT4G DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DFØUK *DLØFTL *DLØGMH OH3D	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 d. Rep. of Ge 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507	ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           3227 171           1017 104           1163 99           356 53           734 60           6 6 6           4549 177           2863 170           2243 148           1077 100	0       709         1       298         3       31         6       657         5       704         3       722         4       656         3       644         1       552         4       326         2       277         3       126         0       204         6       6         7       654         0       561         3       460         0       331								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " URSFEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ " NORT URØFF " OH5LAQ "	$\begin{array}{c cccccc} (OP: DH8BQA)\\ 5,236 & 107 & 8 & 36\\ 2,412 & 110 & 5 & 31\\ 364 & 30 & 6 & 7\\ 200 & 12 & 5 & 5\\ 100 & 10 & 3 & 7\\ 19,740 & 311 & 11 & 49\\ 12,432 & 293 & 6 & 36\\ 10,200 & 206 & 7 & 43\\ 8,850 & 181 & 8 & 42\\ 7,200 & 181 & 5 & 40\\ 1,408 & 43 & 5 & 27\\ 1,404 & 58 & 4 & 23\\ 660 & 34 & 3 & 19\\ 342 & 16 & 5 & 13\\ 40 & 5 & 3 & 5\\ (OP: OZ1FJB)\\ 660 & 34 & 3 & 19\\ 342 & 16 & 5 & 13\\ 40 & 5 & 3 & 5\\ (OP: OH5CW)\\ \hline ASSISTED\\ \hline H AMERICA\\ ited States\\ \hline District 1\\ 3,565 & 45 & 8 & 23\\ 12,036 & 78 & 16 & 43\\ 8 & 6 & 3 & 5\\ 33,580 & 189 & 14 & 59\\ 1,364 & 25 & 4 & 18\\ \hline \end{array}$	E7ØAABOSNI-LELZ2AFAABulgJA2AFAACrog9A5TTAAAA9A5TTAAAA9A5TTAAAA9A5TTAAAA9A5TTAAAA9A5TTAAAA9A5TTAAAA9A5TTAAAA9A5TTAAAA9A5TTAAAA0A5MP"1"0K1DMPAAAA0K6DJ"1"0C60DJ"1"0C60DJ"1"60ACTG"1"60MTN"1"	arzegovina       5,217       58       16       31         garia	SP5ES         3           SQ9MR         3           YO8BSE         2           YP8A         2           YO2CMI         2           YO2WW         1           YU1LM         3           IT9RJE         4           OMØRX         4           S59GS         2           S589R         552CQ           S57XZ         3           S51Z         EF30	3,502 (OF 8,5A 40,014 6,624 Romania AA 170,366 28A 33,934 21A 6,762 8,8A 8,046 Serbia AA 409,200 9,5A 56,070 AA 9,317 Slovak Repul AA 9,317 Slovak Repul AA 54,048 15,0,060 7A 54,048 16,055 342 28,5A 62,100 24,857 Spain AA 1,519,600	13       3       3         SPGEIFY(QRP)       454       14       67         176       7       41       451       72       211         155       26       68       77       15       31         138       9       45       45       16       68         77       15       31       138       9       45         896       73       237       536       17       73         55       32       45       50       12       22       630       31       92       391       23       73       198       14       51       17       4       14       716       13       62       317       11       56       1173       139       441       (OP: EA3O)       60       60       1173       139       441       (OP: EA3O)       61       61       63       62       630       64       65       66       68       73       63       64       64       64       64       65       66       68       73       63       63       63       63       63       73       63       63       73       73       198       14       6	W9VW AA9A KØLIR KØZX KL7RA VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AME Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299           2303         99         218         972         76         101           045         972         76         101         105         9389         182         650           25608         163         566         163         566         163         566	RU1A UC5D *UG5R RT4G DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DFØUK *DLØGMH OH1F OH9W OH2BAH OH3D TM6M TM2Y FOKDY	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 d. Rep. of Ge 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 10	isia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           3227 171           1017 104           1163 99           356 53           734 60           6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199	0       709         1       298         3       31         6       657         5       704         3       722         4       644         1       5526         3       1264         0       2077         3       1264         0       201         0       201         0       301         0       331         6       667         0       331								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ " K1SX AA KE1AK 28A NV1W " KO1H 14A KO1DVT "	$(OP: DH8BQA) \\ 5,236 & 107 & 8 & 36 \\ 2,412 & 110 & 5 & 31 \\ 364 & 30 & 6 & 7 \\ 200 & 12 & 5 & 5 \\ 100 & 10 & 3 & 7 \\ 19,740 & 311 & 11 & 49 \\ 12,432 & 293 & 6 & 36 \\ 10,200 & 206 & 7 & 43 \\ 8,850 & 181 & 8 & 42 \\ 7,200 & 181 & 5 & 40 \\ 1,408 & 43 & 5 & 27 \\ 1,404 & 58 & 4 & 23 \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 13 \\ 40 & 5 & 3 & 5 \\ (OP: OZ1FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 13 \\ 40 & 5 & 3 & 5 \\ (OP: ODECHSCW) \\ \hline ASSISTED \\ H AMERICA \\ ited States \\ District 1 \\ 3,565 & 45 & 8 & 23 \\ 1,2036 & 78 & 16 & 43 \\ 88 & 6 & 3 & 5 \\ 33,580 & 189 & 14 & 59 \\ 1,364 & 25 & 4 & 18 \\ \hline District 2 \\ 31,980 & 163 & 17 & 61 \\ 5,074 & 53 & 13 & 30 \\ \hline \end{tabular}$	E7ØAA       Bosni-Heges         LZ2AF       AA       Bulgas         9A5TT       AA       28A       110         9A5TT       AA       28A       28       28         9A5MP       "       AA       28       28         0K1DMP       AA       AA       15       28         0K4AS       3.5A       7       7       7         0K6DJ       "       11       11       11         0Z60M       21A       21A       28       11         0G1G       AA       24       11       11         0G40ZG       "       11       11       11         0GMTN       "       11       11       11         0GMTN       "       11       11       11         0GMTN       "       11       11       11         0GAF       "       11       11       11         0GAF       "       11       11       11	Brzegovina         5,217         58         16         31           garia	SPSES SQ9MR 3 YO8BSE YO2CMI YO8WW 1 YU1LM YT8A 3 IT9RJE OMØRX SS9GS SS8WW SS8R SS2CQ S57XZ SS8WW 1 SS9GS SS8WW 1 SS9GS SS7XZ SS1Z EF3O EASICL EASICL EASICL EASICL EASICL EASICL EASICL EASICL EASICL	3,502 (OF 8,5A 40,014 - 6,624 Romania AA 170,366 28A 33,934 21A 6,762 .8A 8,046 Serbia AA 409,200 0,5A 56,070 AA 9,317 Slovak Repul AA 880,400 Slovenia 28A 2,856 14A 150,060 7A 54,048 - 16,055 342 35A 62,100 - 24,857 Spain AA 1,519,600 - 90,558 28A 116,928 - 376 - 376	13       3       34         13       6       73         176       7       41         451       72       211         155       26       68         77       15       31         138       9       45         896       73       237         536       17       73         55       32       45         bblc       1432       95       305         50       12       22       630       31       92         391       23       73       198       14       51         17       4       14       51       77       17         198       14       51       73       398       14       51         17       4       14       56       317       11       56         1173       139       441       (OP: EA3O)       294       13       4       118         381       32       94       13       4       118       4       11	W9VW AA9A KØLIR KØZX N KL7RA VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Rica 9,497,412 AFRICA Benin 5,826,414	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299           2303         99         218         972         76         101           0ds         9389         182         650         5608         163         566           4358         105         368         163         566         368	RU1A UC5D *UG5R RT4G <b>Fe</b> <b>DRØW</b> DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DF9UK * <b>DLØGMH</b> <b>OH1F</b> OH9W OH2BAH OH3D <b>TM6M</b> TM2Y F6KRK F6KJS TM1D E8KGW	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 cd. Rep. of Ge 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420	1410         91           52         13           4977         186 <b>many 5525 5525 195</b> 4668         198           4614         184           3098         178           3227         171           1017         104           1163         99           356         53 <b>734 60 4549 177 2243</b> 148           1077         100 <b>8032 196</b> 5182         199           1368         108           1554         102           830         106           974         102	0       709         1       298         3       31         6       657         5       704         3       722         4       326         4       326         4       326         5       644         1       5526         4       326         5       660         0       331         6       667         3       328         3       323								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ " IZØORT " URØFF " IZØORT " URØFF " IZØORT " URØFF " OH5LAQ " IZØORT " URØFF " IZØORT " I	$(OP: DH8BQA) \\ 5,236 & 107 & 8 & 36 \\ 2,412 & 110 & 5 & 31 \\ 364 & 30 & 6 & 7 \\ 200 & 12 & 5 & 5 \\ 100 & 10 & 3 & 7 \\ 19,740 & 311 & 11 & 49 \\ 12,432 & 293 & 6 & 36 \\ 10,200 & 206 & 7 & 43 \\ 8,850 & 181 & 8 & 42 \\ 7,200 & 181 & 5 & 40 \\ 1,408 & 43 & 5 & 27 \\ 1,404 & 58 & 4 & 23 \\ (OP: OZ1FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 13 \\ 40 & 5 & 3 & 5 \\ (OP: OH5CW) \\ \hline ASSISTED \\ HAMERICA \\ ited States \\ District 1 \\ 3,565 & 45 & 8 & 23 \\ 12,036 & 78 & 16 & 43 \\ 88 & 6 & 3 & 5 \\ 33,580 & 189 & 14 & 59 \\ 1,364 & 25 & 4 & 18 \\ \hline District 2 \\ 31,980 & 163 & 17 & 61 \\ 5,074 & 53 & 13 & 30 \\ \hline District 3 \\ 62,088 & 157 & 42 & 114 \\ \hline \end{tabular}$	E7ØAABOSNI-He 28AHe 28ALZ2AFAA $\begin{bmatrix} 110 \\ 11$	brzegovina       5,217       58       16       31         garia       0,292       385       54       148         0,292       385       54       148         patia       1,512       40       13       29         5,332       63       17       26         8,480       86       17       36         (OP: 9A7RA)       1,512       55       7       20         Republic       3,428       262       75       242         1,890       24       15       20         1,467       916       11       62         (OP: OK1IF)       1,825       215       8       47         mark       85       16       31         9,081       887       78       269         (OP: G4KIV)       1,200       567       50       164         1,430       225       58       147       (OP: MØUTD)         9,723       86       36       85       75       370         1,100       140       16       58       4,368       71       15       33         2,068       47       14       30       35	SFOLT SPSES SQ9MR 3 YO8BSE YO2CMI YO8WW 1 YU1LM YT8A 3 IT9RJE OMØRX SS9GS SS8W SS9R SS2CQ SS7XZ SS6W SS9R SS2CQ SS7XZ SS6WX SS6WX SS6WX SS6WX SS7XZ SS6WX SS7XZ SS7XZ SS6WX SS7XZ SS	3,502           (OF           8.5A         40,014           6,624           Romania           AA         170,366           28A         33,934           21A         6,762           .8A         8,046           Serbia         409,200           0.5A         56,070           Sicily         AA           9,317         Slovak Repul           AA         150,060           7A         54,048           *         16,055           35A         62,100           *         24,857           Spain         AA           AA         1,519,600           *         90,558           28A         2,769           .8A         2,769	13       3       34         13       6       454       14       67         176       7       41       451       72       211         155       26       68       77       15       31         138       9       45       896       73       237         536       17       73       55       32       45         blic       1432       95       305       50       12       22         630       31       92       391       23       73       198       14       51         17       4       14       56       137       139       441       56         117       139       441       13       623       317       11       56         1173       139       441       13       4       11       64       6       33         668       48       156       668       48       156       56 <t< td=""><td>W9VW AA9A KØLIR KØZX KL7RA VE3EJ VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U</td><td>4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA</td><td>2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299           2303         99         218         972         76         101           0ds         9389         182         650         650         5608         163         566           4358         105         368         368         368         368         368</td><td>RU1A UC5D *UG5R RT4G <b>Fe</b> <b>DRØW</b> DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DF0K *<b>DLØFTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b></td><td>District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Gel 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,266 341,802</td><td>ssia           6513 200           1410 91           52 13           4977 186           <b>many 5525 195</b>           4668 198           4614 184           3908 178           3537 177           3227 171           1017 104           1163 99           356 53           734 60           6 6           <b>4549 177</b>           2863 170           2243 148           1077 100           <b>8032 196</b>           5182 199           1368 108           1554 102           830 106           974 102           1087 91           545 78           643 78</td><td>0       709         1       298         3       31         6       657         5       704         3       722         4       326         5       644         7       554         6       67         5       706         6       667         5       331         6       667         2       313         6       706         3       3232         2       308         3       2288</td></t<>	W9VW AA9A KØLIR KØZX KL7RA VE3EJ VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299           2303         99         218         972         76         101           0ds         9389         182         650         650         5608         163         566           4358         105         368         368         368         368         368	RU1A UC5D *UG5R RT4G <b>Fe</b> <b>DRØW</b> DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DF0K * <b>DLØFTL</b> *DLØ <b>FTL</b> *DLØ <b>FTL</b> *DLØ <b>FTL</b> *DLØ <b>FTL</b> *DLØ <b>FTL</b>	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Gel 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,266 341,802	ssia           6513 200           1410 91           52 13           4977 186 <b>many 5525 195</b> 4668 198           4614 184           3908 178           3537 177           3227 171           1017 104           1163 99           356 53           734 60           6 6 <b>4549 177</b> 2863 170           2243 148           1077 100 <b>8032 196</b> 5182 199           1368 108           1554 102           830 106           974 102           1087 91           545 78           643 78	0       709         1       298         3       31         6       657         5       704         3       722         4       326         5       644         7       554         6       67         5       706         6       667         5       331         6       667         2       313         6       706         3       3232         2       308         3       2288								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ " IZØORT " URØFF " OH5LAQ " KO15LAQ " IZØORT " URØFF " OH5LAQ " IZØORT " IZØORT " URØFF " OH5LAQ " IZØORT " URØFF " OH5LAQ " IZØORT " URØFF " OH5LAQ " IZØORT " IZØORT " URØFF " OH5LAQ " IZØORT " URØFF " IZØORT " URØFF " IZØORT " IZØO	$\begin{array}{c cccccc} (OP: DH8BQA)\\ 5,236 & 107 & 8 & 36\\ 2,412 & 110 & 5 & 31\\ 364 & 30 & 6 & 7\\ 200 & 12 & 5 & 5\\ 100 & 10 & 3 & 7\\ 19,740 & 311 & 11 & 49\\ 12,432 & 293 & 6 & 36\\ 10,200 & 206 & 7 & 43\\ 8,850 & 181 & 8 & 42\\ 7,200 & 181 & 5 & 40\\ 1,404 & 58 & 4 & 23\\ (OP: OZ1FJB)\\ 660 & 34 & 3 & 19\\ 342 & 16 & 5 & 13\\ 40 & 5 & 3 & 5\\ (OP: OH5CW)\\ \hline ASSISTED\\ H AMERICA\\ ited States\\ District 1 & 3,565 & 45 & 8 & 23\\ 12,036 & 78 & 16 & 43\\ 88 & 6 & 3 & 5\\ 33,580 & 189 & 14 & 59\\ 1,364 & 25 & 4 & 18\\ \hline District 2 & 31,980 & 163 & 17 & 61\\ 5,074 & 53 & 13 & 30\\ \hline District 3 & 62,088 & 157 & 42 & 114\\ 5,633 & 48 & 12 & 31\\ 2,241 & 36 & 6 & 21\\ \hline \end{array}$	E7ØAA         BOSNI-Hege           LZ2AF         AA         Bulg           LZ2AF         AA         Crog           9A5YY         AA         28A         28A           9A5TT         28A         28A         28A           9A5TT         28A         28A         28A           9A5TT         28A         28A         28A           9A5TT         28A         28A         28A           9A5MP         "         28A         28A           9A5MP         "         28A         28A           9A5MP         "         15         28A           0K1DMP         AA         28A         15           0K6DJ         "         17         17           0X60D         21A         Denter         28           G40ZG         "         12         17           MK9VV         "         14         15           GA4NP         "         12         12           G6AFN         "         12         13           G6AFN         "         12         14           G3APV         "         12         14           G44XPV         "	brzegovina         5,217       58       16       31         garia       0,292       385       54       148         vatia       1,512       40       13       29         5,332       63       17       26         8,480       86       17       36         (OP: 9A7RA)       1,512       55       7       20         1,512       55       7       20       1,467       916       11       62         (A       916       11       62       20       1,467       916       11       62         (A       916       11       62       0P: OK1IF)       1,825       215       8       47         1,840       24       15       20       1,467       916       11       62         (OP: OP: OK1IF)       1,825       215       8       47       13       19         1,825       215       8       76       31       11       12       13       70       1,1430       225       58       147       (OP: MØUUD)       1,200       567       206       37       14       30       1,683       35       10       23 <td< td=""><td>SP5ES         SQ9MR         3           Y08BSE         2         Y08MR         2           Y02CMI         2         1         1           YU1LM         3         1         1           YU1LM         3         1         1           YU1LM         3         1         1           YU1LM         3         1         1           YU1RA         3         1         1           S59GS         2         5         5           S58R         S52CQ         3         557XZ         3           S57XZ         3         551Z         2         2           EA30CP         2         2         2         2           EA30CP         2         2         2         2           SFØA         2         2         2         2           SFØA         2         2         3         3</td><td>3,502           (OF           8.5A         40,014           6,624           Romania           AA         170,366           21A         6,762           .8A         8,046           AA         6,762           .8A         8,046           AA         6,762           .8A         8,046           Serbia         409,200           8.5A         56,070           AA         9,317           Slovak Repul         AA           AA         150,060           7A         54,048           16,055         342           8.5A         62,100           24,857         Spain           AA         1,519,600           4         90,558           116,928         150           .8A         2,769           Sweden         183,804           28A         6,240</td><td>13       3       34         13       6       454       14       67         176       7       41       451       72       211         155       26       68       77       15       31         138       9       45       896       73       237         536       17       73       55       32       45         blic       1432       95       305       50       12       22         630       31       92       391       23       73       198       14       51         17       4       14       716       13       62       317       11       56         17       4       14       716       13       62       317       11       56         1173       139       441       (OP: EA3O)       296       44       118       381       32       94         34       11       64       6       33       668       48       156         (OP: SAØLPO)       99       13       39       9       13       39       39</td><td>W9VW AA9A KØLIR KØZX N KL7RA VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U</td><td>4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506</td><td>2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299           2303         99         218         972         76         101           0ds         9389         182         650         650           5608         163         566         4358         105         368           ia         2466         120         413         413</td><td>RU1A UC5D *UG5R RT4G <b>Fe</b> <b>DRØW</b> DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DFØUK *<b>DLØFTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b> *DLØ<b>FTL</b></td><td>District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Gel 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,260 341,802 206,712 188,734 95,586</td><td>ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           3908 178           3537 177           3227 171           1017 104           1163 99           356 53           734 60           6 6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199           1368 108           1554 102           830 106           830 106           545 78           643 78           582 52           641 54           517 53           541 54           542 78           643 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78</td><td>0       709         1       298         3       31         6       657         5       704         3       7224         4       326         5       644         7       644         7       644         7       652         4       326         5       706         6       67         6       697         3       315         2       308         3       208         3       193         3       228         2       164         4       125</td></td<>	SP5ES         SQ9MR         3           Y08BSE         2         Y08MR         2           Y02CMI         2         1         1           YU1LM         3         1         1           YU1LM         3         1         1           YU1LM         3         1         1           YU1LM         3         1         1           YU1RA         3         1         1           S59GS         2         5         5           S58R         S52CQ         3         557XZ         3           S57XZ         3         551Z         2         2           EA30CP         2         2         2         2           EA30CP         2         2         2         2           SFØA         2         2         2         2           SFØA         2         2         3         3	3,502           (OF           8.5A         40,014           6,624           Romania           AA         170,366           21A         6,762           .8A         8,046           AA         6,762           .8A         8,046           AA         6,762           .8A         8,046           Serbia         409,200           8.5A         56,070           AA         9,317           Slovak Repul         AA           AA         150,060           7A         54,048           16,055         342           8.5A         62,100           24,857         Spain           AA         1,519,600           4         90,558           116,928         150           .8A         2,769           Sweden         183,804           28A         6,240	13       3       34         13       6       454       14       67         176       7       41       451       72       211         155       26       68       77       15       31         138       9       45       896       73       237         536       17       73       55       32       45         blic       1432       95       305       50       12       22         630       31       92       391       23       73       198       14       51         17       4       14       716       13       62       317       11       56         17       4       14       716       13       62       317       11       56         1173       139       441       (OP: EA3O)       296       44       118       381       32       94         34       11       64       6       33       668       48       156         (OP: SAØLPO)       99       13       39       9       13       39       39	W9VW AA9A KØLIR KØZX N KL7RA VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299           2303         99         218         972         76         101           0ds         9389         182         650         650           5608         163         566         4358         105         368           ia         2466         120         413         413	RU1A UC5D *UG5R RT4G <b>Fe</b> <b>DRØW</b> DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DFØUK * <b>DLØFTL</b> *DLØ <b>FTL</b> *DLØ <b>FTL</b>	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Gel 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,260 341,802 206,712 188,734 95,586	ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           3908 178           3537 177           3227 171           1017 104           1163 99           356 53           734 60           6 6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199           1368 108           1554 102           830 106           830 106           545 78           643 78           582 52           641 54           517 53           541 54           542 78           643 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78           543 78	0       709         1       298         3       31         6       657         5       704         3       7224         4       326         5       644         7       644         7       644         7       652         4       326         5       706         6       67         6       697         3       315         2       308         3       208         3       193         3       228         2       164         4       125								
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Rep. of Gee 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,266 341,802 206,712 188,734 95,586 Greece 6,000,739</td> <td>ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           33537 177           3227 171           1017 104           1017 104           9356 53           734 60           6 6           6 734           8032 196           5182 199           1368 108           1554 102           830 106           974 102           1087 71           545 78           641 545           542 52           641 545           641 545           317 53           4591 169</td> <td>0       709         1       298         3       31         6       657         5       704         3       722         4       3644         1       552         3       644         1       552         4       326         0       204         5       66         6       6         7       654         0       331         6       697         3       315         2       308         3       208         2       308         3       208         2       164         3       125         9       588</td>	Brzegovina         5,217         58         16         31           garia	SFORM SPSES SQ9MR 3 YO8BSE YO8WW 1 YU1LM YT8A 3 IT9RJE MØRX SS9QS SS8WW SS8R S52CQ S57XZ S7XZ S7XZ S7XZ S7XZ S7XZ S7XZ S7XZ S	3,502           (OF           8.5A         40,014           6,624           Romania           AA         170,366           2NA         8,044           21A         6,762           .8A         8,046           AA         409,200           0.5A         56,070           AA         9,317           Slovak Repul         AA           AA         288,400           Slovak Repul         284,856           14A         150,060           7A         54,048           16,052         342           3.5A         62,100           24,857         Spain           AA         1,519,600           90,558         116,928           28A         2,769           AA         183,804           28A         6,240           Ukraine         28A           28A         6,240	13       3       34         13       5       576EIV/QRP)         454       14       67         176       7       41         451       72       211         155       26       68         77       15       31         138       9       45         896       73       237         55       32       45         blic       13       95         1432       95       305         50       12       22         630       31       92         391       23       73         198       14       56         117       4       14         716       13       62         317       11       56         1173       139       441         (OP: EA3O)       296       44       118         381       32       94       13       4         13       4       11       64       6       33         668       48       156       (OP: SA2SAA)       39       (OP: SA2SAA)         259       27       89	W9VW AA9A KØLIR KØZX N KL7RA VE3EJ VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AME Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506	2702         141         489           2135         154         549           409         31         92           RICA         92         93           5080         148         350           6585         186         668           3586         150         520           1564         116         348           2006         127         299           2303         99         218           972         76         101           03         99         218           972         76         102           0369         162         650           2303         99         218           972         76         101           0389         162         650           25608         163         566           4358         105         368           ia         2466         120         413           2466         120         413           669         66         233	RU1A UC5D *UG5R RT4G <b>Fe</b> DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DFØUK *DLØFTL *DLØGMH OH3D OH1F OH9W OH2BAH OH3D TM6M TM2Y F6KRK F6KJS TM1D F8KGW F4KJN F5KSE *F8KLY *F6KMB *F4KLC *F6KPW SZ1A	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 od. Rep. of Gee 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,266 341,802 206,712 188,734 95,586 Greece 6,000,739	ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           33537 177           3227 171           1017 104           1017 104           9356 53           734 60           6 6           6 734           8032 196           5182 199           1368 108           1554 102           830 106           974 102           1087 71           545 78           641 545           542 52           641 545           641 545           317 53           4591 169	0       709         1       298         3       31         6       657         5       704         3       722         4       3644         1       552         3       644         1       552         4       326         0       204         5       66         6       6         7       654         0       331         6       697         3       315         2       308         3       208         2       308         3       208         2       164         3       125         9       588								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ " IZØORT " URØFF " OH5LAQ " KO15LAQ " KO1H 14A KC1DVT " KO1H 14A KO1H 14A	$(OP: DH8BQA) \\ 5,236 & 107 & 8 & 36 \\ 2,412 & 110 & 5 & 31 \\ 364 & 30 & 6 & 7 \\ 200 & 12 & 5 & 5 \\ 100 & 10 & 3 & 7 \\ 19,740 & 311 & 11 & 49 \\ 12,432 & 293 & 6 & 36 \\ 10,200 & 206 & 7 & 43 \\ 8,850 & 181 & 8 & 42 \\ 7,200 & 181 & 5 & 40 \\ 1,408 & 43 & 5 & 27 \\ 1,404 & 58 & 4 & 23 \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 13 \\ 40 & 5 & 3 & 5 \\ (OP: OZ1FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 13 \\ 40 & 5 & 3 & 5 \\ (OP: ODSCH) \\ \hline ASSISTED \\ \hline H AMERICA \\ ited States \\ District 1 \\ 3,565 & 45 & 8 & 23 \\ 1,364 & 25 & 4 & 18 \\ \hline District 2 \\ 31,980 & 163 & 17 & 61 \\ 5,074 & 53 & 13 & 30 \\ \hline District 3 \\ 62,088 & 157 & 42 & 114 \\ 5,633 & 48 & 12 & 31 \\ 2,241 & 36 & 6 & 21 \\ \hline District 4 \\ 985,226 & 865 & 97 & 321 \\ 55,872 & 148 & 53 & 91 \\ 39,294 & 121 & 36 & 82 \\ 8,614 & 71 & 28 & 45 \\ 6,664 & 48 & 16 & 40 \\ \hline \end{array}$	E7ØAA       BOSNI-LE         LZ2AF       AA       Bulg         9A5TT       AA       CO         9A5TT       AB       AB         9A5T       AB       AB         9A       AB       AB         9A       AB       AB         9A       AB       AB         9A       AB       AB      9	arzegovina         5,217       58       16       31         garia	SP5ES       SQ9MR         SQ9MR       2         YP8A       2         YO2CMI       2         YO2CMI       2         YO2CMI       2         YO2CMI       2         YO8WW       1         YU1LM       3         IT9RJE       4         OMØRX       4         S59GS       2         S57XZ       3         S571Z       3         EF3O       4         EASICL       EASQY         EASICL       EASY         SFØA       4         7S2A       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9U       3	3,502           (OF           8.5A         40,014           6,624           Romania           AA         170,366           21A         6,762           .8A         8,046           Serbia         8,046           AA         409,200           .5A         56,070           AA         9,317           Slovak Repul         AA           AA         150,060           7A         2,856           20,5A         62,100           24,857         3422           AA         1,519,600           4         90,558           28A         116,928           116,928         150           28A         2,769           AA         83,804           28A         6,240	13       3       34         13       6       14         451       14       67         176       7       41         451       72       211         155       26       68         77       15       31         138       9       45         896       73       237         55       32       45         bblc       132       95         1432       95       305         50       12       22         630       31       92         317       11       56         177       14       74         74       14       74         717       139       441         716       13       945         177       139       441         (OP: EA300)       296       44         381       32       94         13       4       11       64         668       48       156       (OP: SA2SAA)         259       27       89       (OP: UR9QQ)         127       16       43       89       5	W9VW AA9A KØLIR KØZX N KL7RA VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506 495,742 District Ø 1,680 Asiatic Turko	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299           2303         99         218         972         76         101           0389         182         650         650         5668         163         566           4358         105         368         566         368         566         368           ia         2466         120         413         669         66         233           32         12         18         99         18         18	RU1A UC5D *UG5R RT4G DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DFØUK *DLØGMH OH3D OH1F OH9W OH2BAH OH3D TM6M TM2Y F6KRK F6KJS TM1D F8KGW F4KJN F5KSE *F6KLY *F6KMB *F4KLC *F6KPW SZ1A HG6N HA3DY	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Ge 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 0,71,764 266,266 341,802 206,712 188,734 95,586 Greece 6,000,739 Hungary 11,277,509	ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           3227 171           1017 104           1163 99           356 53           734 60           6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199           1368 108           1554 102           830 106           974 102           830 106           974 102           830 106           974 102           830 106           974 102           830 106           974 102           830 106           974 102           1087 91           643 78           582 52           641 54           317 53           4591 169           6089 193           3516 15	0       709         1       298         3       31         6       657         5       704         6       657         5       704         6       5722         4       655         3       1264         1       5526         9       2277         3       1264         6       667         6       667         6       697         3       313         6       3231         6       3231         6       3231         7       6697         3       3153         3       208         3       208         3       208         3       228         4       125         9       588         8       686								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ " IZØORT " URØFF " OH5LAQ " KOTH 14A KC1DVT " KOTH 14A KOTH 14A KOTH 14A KO2RP 7A KW2A AA W3EK 28A N8URE 14A KA4RRU AA W4ER " KJ4YM " WD4ETU " KNAPHS " KM4PHS "	$(OP: DH8BQA) \\ 5,236 & 107 & 8 & 36 \\ 2,412 & 110 & 5 & 31 \\ 364 & 30 & 6 & 7 \\ 200 & 12 & 5 & 5 \\ 100 & 10 & 3 & 7 \\ 19,740 & 311 & 11 & 49 \\ 12,432 & 293 & 6 & 36 \\ 10,200 & 206 & 7 & 43 \\ 8,850 & 181 & 8 & 42 \\ 7,200 & 181 & 5 & 40 \\ 1,408 & 43 & 5 & 27 \\ 1,404 & 58 & 4 & 23 \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 13 \\ 40 & 5 & 3 & 5 \\ (OP: OZ1FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 13 \\ 40 & 5 & 3 & 5 \\ (OP: ODSCH) \\ \hline ASSISTED \\ H AMERICA \\ ted States \\ District 1 \\ 3,565 & 45 & 8 & 23 \\ 1,366 & 78 & 16 & 43 \\ 88 & 6 & 3 & 5 \\ 33,580 & 189 & 14 & 59 \\ 1,364 & 25 & 4 & 18 \\ \hline District 2 \\ 31,980 & 163 & 17 & 61 \\ 5,074 & 53 & 13 & 30 \\ \hline District 3 \\ 62,088 & 157 & 42 & 114 \\ 5,633 & 48 & 12 & 31 \\ 2,241 & 36 & 6 & 21 \\ \hline District 4 \\ 985,226 & 865 & 97 & 321 \\ 55,872 & 148 & 53 & 91 \\ 39,294 & 121 & 36 & 82 \\ 8,614 & 71 & 28 & 45 \\ 6,664 & 48 & 16 & 40 \\ 3,344 & 33 & 17 & 27 \\ 63,420 & 224 & 25 & 80 \\ 33,535 & 194 & 22 & 73 \\ \hline \end{cases}$	E700AA       BOSNIL/E       Hole         LZ2AF       AA       110         9A5TT       AA       28A         9A5MP       "       -         OK1DMP       AA       -         OK6DJ       "       1"         OK6DJ       "       1"         OK6DJ       "       1"         G1G       AA       243         G402G       "       1"         MAP       "       1"         G404CG       "       1"         G404CG       "       1"         G404CG       "       1"         G3NDS       "       2"         G404CF       28A       12         M3E       "       12         M3E       "       12         M3E       "       12         M3E       14A       12         M3E       14A       15<	arzegovina       5,217       58       16       31         garia	SPSES SQ9MR 3 YO8BSE 2 YO2CMI 2 YO8WW 1 YU1LM 3 IT9RJE 4 OMØRX 4 SS9GS 2 SS8WW 5 SS8W 3 SS8W 2 SS8W 4 SS80 2 SS7Z 3 SS1Z 1 EF30 4 EASICL EA3QP 2 EC7AKV 1 SFØA 4 SFØA 4 TS2A 2 UX9Q 2 UX9Q 2 UX9Q 2 UX9Q 3 UT4UBZ 1	3,502           00F           8.5A         40,014           6,624           Romania           AA         170,366           21A         6,762           .8A         8,046           Serbia         8,046           AA         409,200           8.5A         56,070           AA         9,317           Slovak Repul         AA           AA         9,317           Slovak Repul         AA           AA         9,317           Slovak Repul         AA           AA         2,856           14A         150,060           7A         54,048           16,052         342           354         16,052           354         2,769           AA         116,928           183,804         28A           28A         6,240           28A         6,240           28A         6,240           28A         6,240           28A         6,240           21A         16,697           3,306         3,306           .8A         1,312	13         3         3         3           2596EIV/ORP)         454         14         67           454         14         67         176         7         41           451         72         211         155         26         68           77         15         31         138         9         45           896         73         237         55         32         45           blic         133         9         45         305         50         12         22         630         31         23         73         198         14         51         17         7         4         14         41         16         13         62         317         11         56           50         12         22         630         31         23         73         198         14         51           17         4         14         51         17         4         14         64         6         33           13         4         11         56         32         94         13         4         11         64         6         33         39         (OP: UR9QQI)	W9VW AA9A KØLIR KØZX N KL7RA VE3EJ VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Rica 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506 495,742 District 9 3,028,506 495,742 District 7 1,680 Asiatic Turka 3,808,912 China	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299           2303         99         218         972         76         101           0389         182         650         5608         163         566           4358         105         368         566         368         566           4358         105         368         566         333         32         12         18           92         2466         120         413         669         66         233           32         12         18         89         311         145	RU1A UC5D *UG5R RT4G FC DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DF9UK *DLØGMH OH1F OH9W OH2BAH OH3D TM6M TM2Y F6KRK F6KJS TM1D F8KGW F4KJO F5KSE *F6KPW SZ1A HG6N HA3DX *HG6C *HG6L *HG6L *HG6L	District 1 11,340,684 District 3 724,318 3,124 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Ge 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,46,422 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,2666 341,802 206,712 188,734 95,586 Greece 6,000,739 Hungary 11,277,570 4,523,984 2,114,342 926,432 353,430	ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           3227 171           1017 104           1163 99           3366 53           734 60           6 6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199           1368 108           1354 102           8030 106           974 102           1087 91           545 78           643 78           582 522           641 54           317 53           4591 169           6089 193           3516 158           23516 158           2364 131           1356 104           921 621	0       709         1       298         3       31         6       657         5       704         6       657         5       704         6       657         5       704         6       644         7       552         3       1204         6       617         3       1204         6       617         6       3131         6       617         6       3232         2       314         6       3231         7       654         9       208         3       228         4       184         3       125         9       588         8       686         8       495         4       308								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ " KO1H " KO1H 14A KO1H 14A KO1H 14A KO2RP 14A KO2RP 14A KO2RP 14A KO2RP 14A KO2RP 14A KO2RP 14A KO2RP 14A KO2RP 14A KO2RP 14A	(OP: DH8BQA) = 36 2,412 110 5 31 364 30 6 7 200 12 5 5 100 10 3 7 19,740 311 11 49 12,432 293 6 36 10,200 206 7 43 8,850 181 8 42 7,200 181 5 40 1,408 43 5 27 1,404 58 4 23 (OP: OZ1FJB) 660 34 3 19 342 16 5 13 40 5 3 5 (OP: OH5CW) ASSISTED H AMERICA ited States District 1 3,565 45 8 23 12,036 78 16 43 88 6 3 5 33,580 189 14 59 1,364 25 4 18 District 2 31,980 163 17 61 5,074 53 13 30 District 3 62,088 157 42 114 5,633 48 12 31 2,241 36 6 21 District 4 985,226 865 97 321 55,872 148 53 91 33,241 25 60 13,344 33 17 27 63,420 224 25 80 33,535 194 22 73 6,975 58 10 35 District 6 044 23 29 10,4 22 50 15,472 148 53 91 33,240 31 7 27 63,535 194 22 73 6,975 58 10 35 District 6 15,480 104 22 20 15,587 20 104 22 20 15,587 20 104 22 20 15,587 20 104 20 20 3,535 194 22 73 6,975 58 10 35 District 6 15,480 104 22 20 15,480 104 22 20 15,587 20 104 20 20 15,587 20 104 20 20 15,480 104 20 20 15,587 20 104 20 20 15,587 2	E700AA       BOSNILLE         LZ2AF       AA       BUIG         JASTY       AA       COO         9A5TYT       AA       COO         9A5MP       "       AA       FIS         OK10DW       AA       COO       AA         OK6DJ       "       1"       AA       Eng         GGACM       "       1"       AA       Eng         GAA       Eng       Eng       AA       Eng         GAA       240       "       "       "         GAA       Eng       Eng       Eng       Eng         GAA       AA       Sa       Sa <tr< td=""><td>arzegovina       5,217       58       16       31         garia      </td><td>SP5ES       SQ9MR       3         YO8BSE       2         YO2CMI       2         YO2CMI       2         YO8WW       1         YU1LM       3         IT9RJE       4         OMØRX       3         S59GS       2         S59R       552CQ         S57XZ       3         S51Z       1         EF3O       4         FASICL       2         EASICL       2         EASQP       2         YO2CANY       1         SFØA       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9Q       3         UT4UBZ       1         MW9W       4</td><td>3,502         (OF           8.5A         40,014           6,624           Romania           AA         170,366           21A         6,762           .8A         8,046           Serbia         409,200           0.5A         56,070           AA         9,317           Slovak Repul         AA           AA         150,060           24,857         Spain           AA         1,519,600           90,558         116,928           183,804         28A           6,240         Ukraine           28A         6,240           21A         16,697           3,306         3,306</td><td>13       3       34         13       5       596EIV/QRP)         454       14       67         176       7       41         155       26       68         77       15       31         138       9       45         896       73       237         55       32       45         blic       1432       95       305         50       12       22       630       31       92         630       31       92       630       31       92         630       31       92       630       31       92         630       31       92       630       31       92         391       23       73       198       14       51         17       4       13       62       317       11       56         1173       139       441       (OP: EA30)       99       13       39         (OP: SMØLPO)       99       13       39       (OP: SMØLPO)       99       13       89       5       33       (OP: UT7UA)       40       5       27       117       16</td><td>W9VW AA9A KØLIR KØZX KL7RA VE3EJ VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U</td><td>4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506 495,742 District 9 3,028,506 495,742 District 9 3,028,506 495,742 District 0 1,680 Asiatic Turka 3,808,912 China 3,952,362 3,474,212 2,128,056</td><td>2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299           2303         99         218         972         76         101           05         6608         163         566         4358         105         368           4358         105         368         368         368         368         368           4358         105         368         368         368         368         368           4358         105         368         368         323         32         12         18           93         32         12         18         372         311         3018         372           3018         136         372         2447         125         299</td><td>RU1A UC5D *UG5R RT4G DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DF9UK *DLØFTL *DLØGMH OH3D OH1F OH9W OH2BAH OH3D TM6M TM2Y F6KRK F6KJS TM1D F8KGW F4KJN F5KSE *F4KLY *F6KMB *F4KLC *F6KPW SZ1A HG60 *HG6L *HG62 EI9E</td><td>District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Gee 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 748,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,266 341,802 206,712 188,734 95,586 Greece 6,000,739 Hungary 11,277,570 4,523,984 2,114,342 264,322 353,430 Ireland 3,381,827</td><td>ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           3227 171           1017 104           1163 99           326 53           734 60           6 6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199           1368 102           1354 102           830 106           974 12           1368 102           830 106           974 102           1368 102           830 106           974 102           1077 100           8032 196           5182 78           643 78           6039 193           3516 158           2364 131           1356 104           921 62           2960 136</td><td>0       709         1       298         3       31         6       657         5       704         3       722         4       3264         7       552         3       644         1       526         6       67         6       67         6       67         6       67         6       687         3       204         6       667         3       3208         2       308         2       208         3       228         3       228         3       208         3       208         3       208         3       208         3       208         3       208         3       208         3       208         3       495         4       125         9       588         6       686         3       495         4       308         2       208</td></tr<>	arzegovina       5,217       58       16       31         garia	SP5ES       SQ9MR       3         YO8BSE       2         YO2CMI       2         YO2CMI       2         YO8WW       1         YU1LM       3         IT9RJE       4         OMØRX       3         S59GS       2         S59R       552CQ         S57XZ       3         S51Z       1         EF3O       4         FASICL       2         EASICL       2         EASQP       2         YO2CANY       1         SFØA       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9Q       3         UT4UBZ       1         MW9W       4	3,502         (OF           8.5A         40,014           6,624           Romania           AA         170,366           21A         6,762           .8A         8,046           Serbia         409,200           0.5A         56,070           AA         9,317           Slovak Repul         AA           AA         150,060           24,857         Spain           AA         1,519,600           90,558         116,928           183,804         28A           6,240         Ukraine           28A         6,240           21A         16,697           3,306         3,306	13       3       34         13       5       596EIV/QRP)         454       14       67         176       7       41         155       26       68         77       15       31         138       9       45         896       73       237         55       32       45         blic       1432       95       305         50       12       22       630       31       92         630       31       92       630       31       92         630       31       92       630       31       92         630       31       92       630       31       92         391       23       73       198       14       51         17       4       13       62       317       11       56         1173       139       441       (OP: EA30)       99       13       39         (OP: SMØLPO)       99       13       39       (OP: SMØLPO)       99       13       89       5       33       (OP: UT7UA)       40       5       27       117       16	W9VW AA9A KØLIR KØZX KL7RA VE3EJ VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506 495,742 District 9 3,028,506 495,742 District 9 3,028,506 495,742 District 0 1,680 Asiatic Turka 3,808,912 China 3,952,362 3,474,212 2,128,056	2702         141         489           2135         154         549           409         31         92           RICA         5080         148         350           6585         186         668         3586         150         520           1564         116         348         2006         127         299           2303         99         218         972         76         101           05         6608         163         566         4358         105         368           4358         105         368         368         368         368         368           4358         105         368         368         368         368         368           4358         105         368         368         323         32         12         18           93         32         12         18         372         311         3018         372           3018         136         372         2447         125         299	RU1A UC5D *UG5R RT4G DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DF9UK *DLØFTL *DLØGMH OH3D OH1F OH9W OH2BAH OH3D TM6M TM2Y F6KRK F6KJS TM1D F8KGW F4KJN F5KSE *F4KLY *F6KMB *F4KLC *F6KPW SZ1A HG60 *HG6L *HG62 EI9E	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Gee 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 748,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,266 341,802 206,712 188,734 95,586 Greece 6,000,739 Hungary 11,277,570 4,523,984 2,114,342 264,322 353,430 Ireland 3,381,827	ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           3227 171           1017 104           1163 99           326 53           734 60           6 6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199           1368 102           1354 102           830 106           974 12           1368 102           830 106           974 102           1368 102           830 106           974 102           1077 100           8032 196           5182 78           643 78           6039 193           3516 158           2364 131           1356 104           921 62           2960 136	0       709         1       298         3       31         6       657         5       704         3       722         4       3264         7       552         3       644         1       526         6       67         6       67         6       67         6       67         6       687         3       204         6       667         3       3208         2       308         2       208         3       228         3       228         3       208         3       208         3       208         3       208         3       208         3       208         3       208         3       208         3       495         4       125         9       588         6       686         3       495         4       308         2       208								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ " IZØORT " URØFF " OH5LAQ " KO1H 14A KC1DVT " KO1H 14A KC1DVT " KO1H 14A KQ2RP 14A KQ2RP 14A KQ2RP 14A KA4RRU AA W3EK 28A N8URE 14A KA4RRU AA W3EK 28A N8URE 14A KA4RRU AA W3EK 14A KA4RRU AA W3EK 28A N8URE 14A KA4RRU AA W3EK 14A KA4RRU AA W3EK 14A KA4RRU AA W3EK 14A KA4RRU AA W3EK 14A KA4RRU AA W3EK 14A	$(OP: DH8BQA) = 36 \\ 2,412 110 5 31 \\ 364 30 6 7 \\ 200 12 5 5 \\ 100 10 3 7 \\ 19,740 311 11 49 \\ 12,432 293 6 36 \\ 10,200 206 7 43 \\ 8,850 181 8 42 \\ 7,200 181 5 40 \\ 1,408 43 5 27 \\ 1,404 58 4 23 \\ (OP: OZ1FJB) \\ 660 34 3 19 \\ 342 16 5 13 \\ 40 5 3 5 \\ (OP: OH5CW) \\ \hline ASSISTED \\ H AMERICA \\ ited States \\ District 1 \\ 3,565 45 8 23 \\ 1,364 25 4 18 \\ 25 4 18 \\ 38 6 3 5 \\ 33,580 189 14 59 \\ 1,364 25 4 18 \\ 25 4 18 \\ 13 88 6 3 5 \\ 33,580 189 14 59 \\ 1,364 25 4 18 \\ 25 4 18 \\ 25 4 18 \\ 31,980 163 17 61 \\ 5,074 53 13 30 \\ District 2 \\ 31,980 163 17 61 \\ 5,074 53 13 30 \\ District 3 \\ 62,088 157 42 114 \\ 5,633 48 12 31 \\ 2,241 36 6 21 \\ 0 \\ 0 \\ 33,423 4 33 17 27 \\ 63,420 224 25 80 \\ 33,535 194 22 73 \\ 6,975 58 10 35 \\ District 6 \\ 15,480 104 33 39 \\ 8,362 45 33 41 \\ 80,172 304 28 74 \\ 760 20 9 10 \\ 0 \\ 0 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 $	E7ØAA       BOSNI-FR       FR         LZ2AF       AA       AII         9A5YY       AA       EXA         9A5H       "       A         OK1DMP       AA       EX         OK6DJ       "       1"         OK6DJ       "       1"         GGMTN       "       1"         GA4AP       "       1"         GA4AP       "       1"         GA4AP       "       1"         GA4APN       "	arzegovina       5,217       58       16       31         garia       0,292       385       54       148         vatia       1,512       40       13       29         5,322       63       17       26         8,480       86       17       36         1,512       55       7       20         Republic       3,428       262       75       242         1,890       24       15       20         1,467       916       11       62       (OP: OK1IF)         1,825       215       8       47         mark       85       16       31         8,742       85       16       31         9,081       887       78       269         (OP: MØUUTD)       9,723       86       36       85         9,083       35       10       23       475       26       5       20         1,100       140       16       58       4,368       71       13       37         9,084       35       10       23       475       26       5       20         607: GAUWH)       500 <t< td=""><td>SP5ES       SQ9MR       3         YO8BSE       2         YO2CMI       1         YU1LM       3         IT9RJE       4         OMØRX       4         S59GS       2         S59R       552CQ         S57XZ       3         EF3O       4         SFØA       4         7S2A       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9Q       3         UT4UBZ       1</td><td>3,502           000           8.5A         40,014           6,624           Romania           AA         170,366           21A         6,762           .8A         8,046           Serbia         409,200           8.5A         56,070           AA         409,200           8.5A         56,070           AA         9,317           Slovak Repul         AA           AA         9,317           Slovak Repul         AA           AA         9,317           Slovak Repul         AA           AA         150,060           7A         54,048           16,055         342           8.5A         62,100           24,857         Spain           AA         1,519,600           90,558         116,928           116,928         150,040           8A         183,804           28A         6,240           28A         6,240           28A         6,240           21A         16,697           3,306         3,306           .8A         1,312     <!--</td--><td>13       3       3         13       5       596EIV/QRP)         454       14       67         176       7       41         155       261       77         155       36       77         138       9       45         896       73       237         536       17       73         55       32       45         blic       1432       95       305         50       12       22       630       31       92         391       23       73       198       14       51         17       4       14       51       17       4       14         716       13       9441       13       62       317       11       56         1173       139       441       13       4       11       64       6       33         668       48       156       (OP: UPO)       99       13       39       (OP: UPOQQ)       127       16       43       89       5       35       (OP: UT7UA)       40       5       27       1117       83       290       (OP: UT7UA)</td><td>W9VW AA9A KØLIR KØZX KL7RA VE3EJ VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U</td><td>4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506 495,742 District 9 3,028,506 495,742 District 0 1,680 Asiatic Turka 3,808,912 China 3,952,362 3,474,212 2,128,056 1,045,485 896,925</td><td>2702       141       489         2135       154       549         409       31       92         RICA       5080       148       350         6585       186       668         3586       150       520         1564       116       348         2006       127       299         2303       99       218         972       76       101         05       163       566         4358       105       368         ia       2466       120       413         2466       120       413         669       66       233       32         32       12       18         94       32       12       18         93       12       18       372         3135       149       333       311         3135       149       433       372         2447       125       299       124         723       91       244       125</td><td>RU1A UC5D *UG5R RT4G DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DF9UK *DLØGMH OH1F OH9W OH2BAH OH3D TM6M TM2Y F6KRK F6KJS TM1D F8KGW F4KJN F5KSE *F8KLY *F6KMB *F4KLC *F6KPW SZ1A HG60 HA3DX *HG62 E19E E12JD</td><td>District 1 11,340,684 District 3 724,318 3,124 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Gee 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,266 341,802 206,712 188,734 95,586 Greece 6,000,739 Hungary 11,277,570 4,523,984 2,114,342 926,432 353,430 Ireland 3,381,827 2,762,334 Italv</td><td>ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           3227 171           1017 104           1163 99           356 53           734 60           6 6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199           5182 199           1368 108           154 102           830 106           974 102           1087 91           545 78           643 78           643 78           643 177           33516 158           2364 131           1356 104           921 62           2960 136           2723 131</td><td>0       709         1       298         3       31         6       657         5       704         3       722         4       326         5       644         1       526         6       67         6       67         7       654         0       331         6       697         3       3208         3       228         2       308         2       104         4       184         3       125         9       588         3       495         4       438         2       208         3       495         4       438         2       208         3       495         4       438         2       208         3       440         4       438         2       208         3       4460</td></td></t<>	SP5ES       SQ9MR       3         YO8BSE       2         YO2CMI       1         YU1LM       3         IT9RJE       4         OMØRX       4         S59GS       2         S59R       552CQ         S57XZ       3         EF3O       4         SFØA       4         7S2A       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9Q       3         UT4UBZ       1	3,502           000           8.5A         40,014           6,624           Romania           AA         170,366           21A         6,762           .8A         8,046           Serbia         409,200           8.5A         56,070           AA         409,200           8.5A         56,070           AA         9,317           Slovak Repul         AA           AA         9,317           Slovak Repul         AA           AA         9,317           Slovak Repul         AA           AA         150,060           7A         54,048           16,055         342           8.5A         62,100           24,857         Spain           AA         1,519,600           90,558         116,928           116,928         150,040           8A         183,804           28A         6,240           28A         6,240           28A         6,240           21A         16,697           3,306         3,306           .8A         1,312 </td <td>13       3       3         13       5       596EIV/QRP)         454       14       67         176       7       41         155       261       77         155       36       77         138       9       45         896       73       237         536       17       73         55       32       45         blic       1432       95       305         50       12       22       630       31       92         391       23       73       198       14       51         17       4       14       51       17       4       14         716       13       9441       13       62       317       11       56         1173       139       441       13       4       11       64       6       33         668       48       156       (OP: UPO)       99       13       39       (OP: UPOQQ)       127       16       43       89       5       35       (OP: UT7UA)       40       5       27       1117       83       290       (OP: UT7UA)</td> <td>W9VW AA9A KØLIR KØZX KL7RA VE3EJ VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U</td> <td>4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506 495,742 District 9 3,028,506 495,742 District 0 1,680 Asiatic Turka 3,808,912 China 3,952,362 3,474,212 2,128,056 1,045,485 896,925</td> <td>2702       141       489         2135       154       549         409       31       92         RICA       5080       148       350         6585       186       668         3586       150       520         1564       116       348         2006       127       299         2303       99       218         972       76       101         05       163       566         4358       105       368         ia       2466       120       413         2466       120       413         669       66       233       32         32       12       18         94       32       12       18         93       12       18       372         3135       149       333       311         3135       149       433       372         2447       125       299       124         723       91       244       125</td> <td>RU1A UC5D *UG5R RT4G DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DF9UK *DLØGMH OH1F OH9W OH2BAH OH3D TM6M TM2Y F6KRK F6KJS TM1D F8KGW F4KJN F5KSE *F8KLY *F6KMB *F4KLC *F6KPW SZ1A HG60 HA3DX *HG62 E19E E12JD</td> <td>District 1 11,340,684 District 3 724,318 3,124 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Gee 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,266 341,802 206,712 188,734 95,586 Greece 6,000,739 Hungary 11,277,570 4,523,984 2,114,342 926,432 353,430 Ireland 3,381,827 2,762,334 Italv</td> <td>ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           3227 171           1017 104           1163 99           356 53           734 60           6 6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199           5182 199           1368 108           154 102           830 106           974 102           1087 91           545 78           643 78           643 78           643 177           33516 158           2364 131           1356 104           921 62           2960 136           2723 131</td> <td>0       709         1       298         3       31         6       657         5       704         3       722         4       326         5       644         1       526         6       67         6       67         7       654         0       331         6       697         3       3208         3       228         2       308         2       104         4       184         3       125         9       588         3       495         4       438         2       208         3       495         4       438         2       208         3       495         4       438         2       208         3       440         4       438         2       208         3       4460</td>	13       3       3         13       5       596EIV/QRP)         454       14       67         176       7       41         155       261       77         155       36       77         138       9       45         896       73       237         536       17       73         55       32       45         blic       1432       95       305         50       12       22       630       31       92         391       23       73       198       14       51         17       4       14       51       17       4       14         716       13       9441       13       62       317       11       56         1173       139       441       13       4       11       64       6       33         668       48       156       (OP: UPO)       99       13       39       (OP: UPOQQ)       127       16       43       89       5       35       (OP: UT7UA)       40       5       27       1117       83       290       (OP: UT7UA)	W9VW AA9A KØLIR KØZX KL7RA VE3EJ VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506 495,742 District 9 3,028,506 495,742 District 0 1,680 Asiatic Turka 3,808,912 China 3,952,362 3,474,212 2,128,056 1,045,485 896,925	2702       141       489         2135       154       549         409       31       92         RICA       5080       148       350         6585       186       668         3586       150       520         1564       116       348         2006       127       299         2303       99       218         972       76       101         05       163       566         4358       105       368         ia       2466       120       413         2466       120       413         669       66       233       32         32       12       18         94       32       12       18         93       12       18       372         3135       149       333       311         3135       149       433       372         2447       125       299       124         723       91       244       125	RU1A UC5D *UG5R RT4G DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DF9UK *DLØGMH OH1F OH9W OH2BAH OH3D TM6M TM2Y F6KRK F6KJS TM1D F8KGW F4KJN F5KSE *F8KLY *F6KMB *F4KLC *F6KPW SZ1A HG60 HA3DX *HG62 E19E E12JD	District 1 11,340,684 District 3 724,318 3,124 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Gee 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,266 341,802 206,712 188,734 95,586 Greece 6,000,739 Hungary 11,277,570 4,523,984 2,114,342 926,432 353,430 Ireland 3,381,827 2,762,334 Italv	ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4668 198           4614 184           308 178           3227 171           1017 104           1163 99           356 53           734 60           6 6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199           5182 199           1368 108           154 102           830 106           974 102           1087 91           545 78           643 78           643 78           643 177           33516 158           2364 131           1356 104           921 62           2960 136           2723 131	0       709         1       298         3       31         6       657         5       704         3       722         4       326         5       644         1       526         6       67         6       67         7       654         0       331         6       697         3       3208         3       228         2       308         2       104         4       184         3       125         9       588         3       495         4       438         2       208         3       495         4       438         2       208         3       495         4       438         2       208         3       440         4       438         2       208         3       4460								
UT1WW " SP8D " VK2CCC " JH1APZ " OH5CW " GM3YEH 1.8 LY4T " UR5FEO " DL1AOB " HA1TI " IK1RAC " OU2V " IZØORT " URØFF " OH5LAQ " IZØORT " IZØORT " URØFF " OH5LAQ " IZØORT " IZØORT " URØFF " IZØORT "	$(OP: DH8BQA) \\ 5,236 & 107 & 8 & 36 \\ 2,412 & 110 & 5 & 31 \\ 364 & 30 & 6 & 7 \\ 200 & 12 & 5 & 5 \\ 100 & 10 & 3 & 7 \\ 19,740 & 311 & 11 & 49 \\ 12,432 & 293 & 6 & 36 \\ 10,200 & 206 & 7 & 43 \\ 8,850 & 181 & 8 & 42 \\ 7,200 & 181 & 5 & 40 \\ 1,408 & 43 & 5 & 27 \\ 1,404 & 58 & 4 & 23 \\ (OP: OZ1FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 13 \\ 40 & 5 & 3 & 5 \\ (OP: ODT, CT, FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 13 \\ 40 & 5 & 3 & 5 \\ (OP: ODT, CT, FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 3 \\ (OP: ODT, CT, FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 13 \\ 40 & 5 & 3 & 5 \\ (OP: ODT, CT, FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 3 \\ (OP: ODT, CT, FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 3 \\ (OP: ODT, FJB) \\ 660 & 34 & 3 & 19 \\ 342 & 16 & 5 & 3 \\ (OP: ODT, FJB) \\ 660 & 34 & 3 & 19 \\ 33,565 & 45 & 8 & 23 \\ 12,036 & 78 & 16 & 43 \\ 88 & 6 & 3 & 5 \\ 33,580 & 189 & 14 & 59 \\ 1,364 & 25 & 4 & 18 \\ 0 \\ 1,364 & 25 & 4 & 18 \\ 0 \\ 1,364 & 25 & 4 & 18 \\ 0 \\ 0 \\ 1,364 & 25 & 4 \\ 180 \\ 0 \\ 3,344 & 33 & 17 \\ 27 \\ 63,420 & 224 & 25 \\ 80 \\ 3,535 & 194 & 22 & 73 \\ 6,975 & 58 & 10 \\ 35 \\ 0 \\ 0 \\ 3,535 & 194 & 22 & 73 \\ 6,975 & 58 & 10 \\ 35 \\ 0 \\ 0 \\ 3,535 & 194 & 22 & 73 \\ 6,975 & 58 & 10 \\ 35 \\ 0 \\ 3,535 & 194 & 22 & 73 \\ 6,975 & 58 & 10 \\ 35 \\ 0 \\ 3,535 & 194 & 22 & 73 \\ 6,975 & 58 & 10 \\ 35 \\ 0 \\ 3,535 & 194 & 22 & 73 \\ 6,975 & 58 & 10 \\ 35 \\ 0 \\ 3,535 & 194 & 22 & 73 \\ 6,975 & 58 & 10 \\ 35 \\ 0 \\ 3,535 & 194 & 22 & 73 \\ 6,975 & 58 & 10 \\ 35 \\ 0 \\ 35 \\ 0 \\ 35 \\ 0 \\ 35 \\ 0 \\ 35 \\ 0 \\ 0 \\ 195 \\ 13 \\ 7 \\ 6 \\ 0 \\ 195 \\ 13 \\ 7 \\ 6 \\ 10 \\ 195 \\ 13 \\ 7 \\ 6 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 $	E7ØAA       BOSNI-LE         LZ2AF       AA       Bulg         9A5YY       AA       Crossian         9A5TT       AA       EXA         9A5TT       AA       EXA         9A5MP       "       AA         OK1DMP       AA       EXA         OK6DJ       "       1"         OK6DJ       "       1"         OK6DJ       "       1"         GGMTN       "       1"         GGMTN       "       1"         GGMTN       "       1"         GGAFN       "       1"         MK9VV       "       1"         GAAFN       "       1"         MK9VV       "       1"         GAMTN       "       1"         MK9VV       "       1"         GAMTN       "       1"         MSA       21A       1"         GAMTN       "       1"         MK9VV       "       1"         GAMTN       "       1"         MSA       21A       1"         GAMTN       "       1"         MSA       21A       1"	arzegovina       5,217       58       16       31         garia       0,292       385       54       148         natia       1,512       40       13       29         5,332       63       17       26         8,480       86       17       36         1,512       40       13       29         5,332       63       17       26         8,480       86       17       36         (OP: 9,77A)       1,512       55       7       20         Republic       3,428       262       75       242         1,890       24       15       20       1,467       916       11       62         (OP: OP: OK1IF)       1,825       215       8       47       mark       87       78       269         (OP: MØUTD)       9,081       867       78       269       17       70       14       30         1,430       225       58       147       10       30       102       123       70       1,100       140       16       58       4,368       71       30       1,683       35       10       23       475	SP5ES       SQ9MR       3         Y08BSE       2         Y08WW       1         YU1LM       3         IT9RJE       2         OMØRX       3         S59GS       2         S58R       552CQ         S57XZ       3         EF3O       2         EASICL       2         EASY       1         SFØA       2         UX9Q       2         UX9Q       2         UX9Q       2         UX9Q       3         UT4UBZ       1         MW9W       4	3,502           000           8.5A         40,014           6,624           Romania           AA         170,366           21A         6,762           .8A         8,046           AA         409,200           8.5A         56,070           AA         9,317           Slovak Repul         AA           AA         9,317           Slovak Repul         AA           AA         9,317           Slovak Repul         AA           AA         9,317           Slovak Repul         2,856           40,050         342           35,5A         62,100           24,857         Spain           AA         1,519,600           409,558         116,928           828         120           .8A         2,769           Sweden         AA           AA         90,558           83,804         28A           28A         6,240           21A         16,697           8.5A         3,306           .8A         1,312           AA         723,247	13       3       3         25       SPGELIV/ORP)         454       14       67         176       7       41         155       26       68         77       15       31         138       9       45         896       73       237         55       32       45         blic       1432       95       305         50       12       22       630       31       92         391       23       73       198       14       51         17       4       14       716       13       62         301       23       73       198       14       51         17       4       14       716       13       62         317       11       36       633       94       13       4       11         (OP: EA3O)       296       44       118       38       32       94         33       411       64       6       33       668       48       156       (OP: UR9QQ)       127       16       43       89       5       33       (OP: UT7UA)       4	W9VW AA9A KØLIR KØZX KL7RA VC3U VC3U VC3U VC3U VC3U VC3U VC3U VC3U	4,599,000 4,119,580 District Ø 254,597 112,668 NORTH AMEI Alaska 6,134,364 Canada District 3 14,156,758 5,648,100 1,780,368 District 6 1,870,992 District 7 1,490,534 351,522 Cayman Islar 18,548,608 Puerto Ricc 9,497,412 AFRICA Benin 5,826,414 ASIA Asiatic Russ District 9 3,028,506 495,742 District 9 3,028,506 Asiatic Turko 3,808,912 China 3,952,362 3,474,212 2,128,056 1,045,485 896,926 895,325 8,580 Cyprus	2702       141       489         2135       154       549         409       31       92         RICA       5080       148       350         6585       186       668         3586       150       520         1564       116       348         2006       127       299         2303       99       218         972       76       101         05       163       566         4358       105       368         ia       2466       120       413         2466       120       413         669       66       233       32       12       18         93       12       18       33       311       3135       149       433         3018       136       372       2447       125       299       172       31       314         3135       149       433       3018       136       372         2447       125       299       172       31       314         3018       136       372       2447       125       299         772       <	RU1A UC5D *UG5R RT4G <b>Fe</b> DRØW DA2X DP7D DD2D DF7A DQ2C DJ1XT DM1T DF9UK *DLØGTHL *DLØGMH OH1F OH9W OH2BAH OH3D TM6M TM2Y F6KRK F6KJS TM1D F8KGW F4KJN F5KSE *F8KLY *F6KMB *F4KLC *F6KPW <b>SZ1A</b> HG6C HA3DX *HG6L *HG6L *HG6L *HG6L	District 1 11,340,684 District 3 724,318 3,124 District 4 6,785,307 ed. Rep. of Gel 11,334,592 9,720,720 8,622,403 7,135,782 5,967,849 5,014,005 969,220 824,192 146,422 263,736 96 Finland 7,448,253 3,175,464 2,462,400 774,507 France 16,218,862 10,252,032 1,251,234 1,032,935 785,070 763,420 701,764 266,266 341,802 206,712 188,734 95,586 Greece 6,000,739 Hungary 11,277,570 4,523,984 2,114,342 926,432 353,430 Ireland 3,381,827 2,762,334 Italy 14,628,636 14,334,728 9,110,685	ssia           6513 200           1410 91           52 13           4977 186           many           5525 195           4688 198           4648 184           4614 184           3908 178           3537 177           3227 171           1017 104           1163 99           356 53           734 60           6 6           4549 177           2863 170           2243 148           1077 100           8032 196           5182 199           1368 108           1554 102           830 106           974 102           1087 91           545 78           643 76           643 76           643 77           3516 158           2364 131           1356 104           3516 158           2364 131           1356 104           921 62           2960 136           2723 131           7064 200           6485 183	0       709         1       298         3       31         6       657         5       704         3       7224         4       326         5       644         7       652         7       654         0       204         6       67         6       706         3       313         6       706         3       3228         2       308         2       308         2       103         3       228         2       104         4       184         3       125         5       588         6       686         7       707         7       707         3       652								

Q8SN IB1D IQ3TN	3,643,368 2275 3,224,340 2820 16,728 136	168 146 24	576 484 44	E2A	ASIA 11,946,744	6878 181	557	BY3CQ EA6URL	1,232,763 534,567	2314 1208	101 68	228 223	*IU2OZU	<b>italy</b> 6,760	84 362	19 <b>36</b>	46 131	*W3DQS *N4DJ *WZ4M	203,616 201,968 182,125	317 354 296	75 58 70	177 150 165
* <b>IO3F</b> *IR6T	<b>4,884,492 3756</b> 3,862,510 2556	<b>164</b> 163	<b>544</b> 538	BD4QB JA1ZGP JA2YKA	<b>847,260</b> 292,932 <b>2,006</b>	<b>1814 85</b> 670 73 <b>39 14</b>	185 133 20	N	ROOKI	E ERICA	•		*PE4I	Netherlan 1,566	ds 49	6	23	*KI3C *K4FTO *K4FJW	171,700 145,314 126,256	310 292 244	53 58 62	149 149 146
HBØA	1,086,534 1768	78	275	ткас	EURO	DE	710	KD2UBH	United Stat District 2 7.107	tes 53	27	42	*SQ5VCO	Poland 37,084	205	35	<b>92</b>	*AA4SD	98,044	342 (O 247 226	26 P: W 57 56	82 <b>C4E)</b> 136
*LY2ZO	1,598 31 Malta	13	21	EF2X ED1R	<b>17,979,101</b> 16,422,876	<b>9968 198</b> 9767 191 <b>7835 195</b>	<b>701</b> 682	*KD2ZEL *KI2D	<b>204,930</b> 26,106	<b>377</b> 86	<b>68</b> 33	<b>185</b> 81	*SP5SZE *SQ9MR	6,365 240 14,442	79 25 206	20 4 18	47 12 65	*WØNA	62,000	189 (O	44 P: W4	81 4RN)
*9H6WW	4,572,500 4043	144	481	II9P OH5Z	14,177,150 12,760,956 12,635,796	8435 195 7661 194 8210 194	655 700	K3AK *KC3SVR	District 3 266,485 48,094	419 148	58 41	181 98	*GM5TDX	Scotland 57,352	298	34	100	*K3YDX *W4IOD *N4ABO	44,336 43,566 41 180	132 130 126	49 51 54	87 86 91
<b>PI4CC</b> PAØAA	<b>5,507,925 3818</b> 496,743 1102	<b>174</b> 71	<b>601</b> 200	<b>G5W</b> <b>TM7A</b> BT4F	11,973,738 11,899,274 11,446,155	<b>7350 184</b> <b>7495 187</b> 7360 198	650 615 697	*W1FIF *W3OY *N3HRO	35,520 22,680 11,730	170 81 62	18 46 20	62 74 49	*YU4MVP	Serbia 4,508	62	18	31	*N4IU *KM4CH *K8LBQ	31,752 28,616 24,393	115 165 124	33 53 50	75 93 91
SP8R SO4M	Poland 11,334,580 5660 6,027,654 3857	<b>197</b> 173	<b>704</b> 593	HG7T DR4A HB9CA	11,276,922 10,636,353 10,523,844	7142 175 6114 177 6547 178	627 642 624	*KY4ID	District 4 710,973	670 ·	100	301	*OM1 HMI *OM1 AVV	Slovak Repu 1,518 360	<b>iblic</b> 44 16	<b>9</b> 5	<b>24</b> 10	*K6RM *WO8L *WB5KFP	22,707 8,284 7,040	153 89 45	25 31 27	62 45 37
* <b>3Z1K</b> *SP9YGD *SP5KCR	<b>3,222,591 2721</b> 1,404,993 1938 61,178 311	<b>146</b> 104 43	<b>471</b> 367 126	DP6A LY4A SX9V	9,836,444 <b>9,248,412</b> <b>9,045,096</b>	5716 187 6854 182 7231 181	651 622 608	*KY4GS *KO4AWC	573,016 4,816	654 39	83 11	245 32	EA4HQV	Spain 181,300	387	71	188	*K2TV *KC3O *N5SMQ	4,760 1,824 1,736	50 36 24	24 16 7	32 22 21
*SP4KVA *SP9PBB *SP6ZHP	27,840 248 13,608 185 5,074 68	29 16 16	87 68 43	DD1A OZ5W DAØT	7,733,110 <b>7,526,022</b> 7,493,508	5103 170 <b>5679 178</b> 5192 174	600 <b>599</b> 588	W9DCT *KI5PED	District 5 723,976 598	643 <sup>-</sup> 21	109 12	309 14	EA5JDN <b>*EA4HKF</b> *EA4HRJ	44,400 <b>596,755</b> 30,012	209 <b>1056</b> 124	40 <b>82</b> 43	110 <b>273</b> 79	*KM4SK *KK4Z *K4PQC	1,302 780 152,342	18 22 308	14 13 62	17 17 149
* <b>YP8T</b> *YO4K4K	Romania 3,108,153 2950	1 <b>43</b>	<b>446</b>	UW5Y RT6A 9H6A SO4R	7,149,000 6,799,850 6,078,996 5,664,764	5343 165 4486 174 6539 135 5026 153	585 601 426	N9TTK *K9BBS	District 9 2,770,979 972	1846 <sup>·</sup> 36	138 17	413	*HB9HMY	Switzerla 77	nd 9	2	9	*N3HCN *KE4WKH	4,625 1,260	45 32 5	11 21	26 24
	Sardinia 1.342.500 2107	40 86	272	<b>SM2U</b> G50 <b>PA6X</b>	5,622,984 2,884,736 2,153,684	<b>5142 157</b> 2972 118 <b>2205 120</b>	500 539 378 379	*AEØDX	District Ø	511 ·	105	248	*US5WBJ	Ukraine 146,780	510	46	159	KZ5D N4OGW WQ5L	<b>1,513,926</b> 1,377,103 784,441	<b>1271</b> 1223 809	<b>118</b> 101 92	<b>335</b> 308 251
*YT7A	Serbia 367,866 922	54	160	HB9BS	173,880	401 61	146	N	ORTH AME		•				IA a			K5QR K5RM AK5Y	155,477 38,556 204	418 146 25	31 32 6	102 76 6
*YU1ANO	24,198 170 <b>Sicily</b>	30	79	7D1C 9M8J	2,316,280 28,016	2621 82 156 41	234 62	*VA3OKG	Canada District 3 689.913	815	83	246	*YD2UTC *YF7UFT *YDØBCG	<b>14,945</b> 5,796 3.080	<b>97</b> 55 38	<b>19</b> 21 18	<b>42</b> 25 22	*KG5OA *NN5T *NO5W	<b>420,614</b> 351,204 231,192	<b>622</b> 497 384	<b>75</b> 80 63	<b>203</b> 179 165
* <b>IB9T</b> *IB9O	6,822,036 4554 2,909,672 3059	<b>177</b> 136	<b>597</b> 460	PIK			654	*VE3KOT *VA3KRJ *VE3FNT	359,968 30,184 646	693 172 30	57 35 8	167 63 9	*YD3BWK *YD2UFR *YC4SMK	1,820 1,298 1,269	32 25 18	14 8 11	21 14 16	*W8OV *KD2KW *KC7QY	96,906 69,654 67,473	206 187 173	65 56 58	121 85 95
<b>OM7M</b> OM4Q	Slovak Republic 16,672,638 7963 3,410,675 3182	<b>206</b> 141	<b>735</b> 460	P44X PX2A	19,119,034 12,013,521	8860 174 5617 173	584 594	*VA6BGE	District 6 16,343	117	32	27	*YD2BRN			5	5	*WY6K *WB5BHS *N3CI	23,421 17,094 3,654	110 85 31	48 30 14	63 47 28
S51DX	Slovenia 94,672 640	30	92	M	ULTI-OPE	RATOR		*XE10	Mexico 7,381	48	26	35	*PU2VNC	DUI II Alvii Brazil 7,326	92	13 13	24	*N5GSG	32 District	10 5	4	4
EA5RS	<b>Spain</b> 10,163,340 5472	<b>193</b>	<b>692</b>	MUI	LTI-TRAN	SMITTEF TATES	R		ASIA		~		PU4WIB		IC.	9	12	AJ6V W6YA	880,982 480,240	1039 1148 1001	96 40	182 134
*EA5KM	4,446,064 3503	164	578	K3LR K1TTT K1BX	23,705,156 16,173,416 14,347,200	<b>9774 192</b> <b>7549 174</b> 6744 166	<b>716</b> <b>638</b> 618	ASI *UBØAZR	atic Russia - L 201,894	425	<b>Ø</b> 61	148	NC	ORTH AM		4		KB6A WA6URY	49,704 48,488 30,870	412 159 167 126	63 45 44 40	69 72
<b>SJ2W</b> SKØQO SK6EI	9,074,274 5358 1,461,984 2033 395.005 977	<b>188</b> 111 67	<b>674</b> 360 228	KØRF N1RR N6RO	9,555,724 8,576,325 6,739,395	5000 176 4393 152 3997 176	<b>575</b> 553 <b>487</b>	*BI8FRF *BH2VBK	<b>China</b> 113,072 58,960	<b>391</b> 267	<b>68</b> 48	<b>123</b> 86	K1DG	District 4,278,254	1 2987	104	389	W6RKC *W6TK *N6PN	663 533,392 153 640	17 726 330	9 9 92	8 180
SK6DG	278,391 701 Switzerland	64	149	K1KI <b>W2AA</b> K3PH	5,149,575 <b>4,856,334</b> 4,055,000	2756 143 <b>3327 131</b> 2289 136	532 <b>471</b> 489	*BG5MWN *BG7XVX *BI1JPC	56,610 51,712 43,010	183 173 163	63 41 38	87 77	KQ2M K1RU W1JQ	2,115,195 1,420,510	2856 2178 1158	81 104	374 264 342	*KF6NCX *W6JBR *W6YOY	28,405 4,017 1.421	125 39 31	43 17 14	52 22 15
HB9EP HB75SG	<b>2,699,900 2614</b> 20,298 138	<b>134</b> 33	<b>446</b> 69	WT3K K1KP NE3F	3,129,540 3,020,640 2,478,140	1827 144 2152 111 1645 132	501 385 439	*BG8KVC *BH3EMV *BA7LCS	26,460 7,800 3,685	297 208 70 66	34 14 22 22	40 30 33	W10HM W1/ PY1MX	47,616	152 94	38 37	200 90 60	*N6BHX *N6DVS *WA6FGV	495 180 3,770	14 8 53	8 5 13	7 5 16
*UT1KWA	Ukraine 75,364 384	37	129	CN3A	AFRIC 44,014,817	A 16708 200	713	*BH4FNE *BH1IZQ *BI8CCJ	1,521 952 364	30 53 10	18 8 5	21 9 8	W3AKD *K1BX *N1DC	12,675 <b>2,798,455</b> 1,063,474	94 <b>2147</b> 1009	18 101 88	47 <b>350</b> 291	K7JQ	District	7 394	71	130
Koh	OCEANIA American Samoa	120	200	CR3W 3B8M ZS6Z	41,003,743 29,016,903 4,293,682	15290 198 11980 191 3647 111	715 652 298	*BD7JJQ	60 Hong Kon	4 I <b>g</b>	3	3	*K1HT *N1CGP *WA1LAD	894,704 481,770 37,050	796 565 113	95 77 52	303 241 98	W7GF K9JF/7 KE2VB	89,776 79,323 18,157	211 226 100	70 53 31	111 84 36
AH2B	Guam 7.364.112 4298	164	442	A44A	ASIA 20.965.527	10000 177	626	*VR2NC	16,366 Israel	247	18	31	*W1UU	53,361 District	136 2	43	104	WU7W N7RK K5IB	10,626 10,498 627	73 71 20	30 23 9	36 35 10
7A2A	Indonesia 3,761,145 2764	128	349	JA3YBK JF1NHD 9M2A	10,121,265 3,184,510 1,305,306	5524 198 2656 150 2020 108	561 340 273	*4X6FB	170,841 Japan	416	41	126	K2NV N2GC KN2M	<b>2,404,448</b> 1,399,930 1,395,968	1827 1023 1137	112 112 109	<b>352</b> 378 339	*K7NEW *W7MTL *K7AZT	<b>165,822</b> 98,854 60,984	<b>370</b> 237 177	<b>62</b> 71 55	<b>112</b> 90 77
*7AØD		50	132	BY1AS JA1YPA JS1YDX	<b>1,207,548</b> 547,485 8,370	<b>2023 98</b> 754 91 71 25	<b>226</b> 194 37	JK1BAB *JK1AUY	District 1 238 155,220	7 320	7 84	7	KE2SD WA2BMH	247,536 57,670	536 447 145	51 47	190 165 99	*WK7G *K7ROG	29,939 23,816 20,202	122 136 97	38 48 29	53 56 49
LP1H	JUTH AMERICA Argentina 12.776.826 6573	- <b>1</b> 165	522	BI1JY	374 EUBO	29 9 DE	8	*JK1JCE *JK1AZD *JK1ECX	31,560 4,482 98	139 39 10	54 23 4	66 31 3	N2AXX W2CN	24,687 21,888	88 90	47 35	70 61	*KE7DZ *W7RCS	8,924 2,414	81 30	21 46 18	33 46 16
LS2D LR3D LT5D	4,095,300 3488 849,720 1199 174,995 505	120 89 50	318 203 105	9A1A YT5A M6T	25,217,834 22,879,624 22 742 406	13098 211 12635 208 12739 203	763 745 751	*JJØVXN	District Ø 63,240	) 197	53	83	*WB2FUV *W2NTV *KD2P	202,016 113,400 29,308	325 214 157	60 56 17	176 144 51	*N7JI *KNØW	53,742 5,512	193 47	54 26	52 26
PJ4A	Bonaire 16,826,600 7361	183	625	LZ9W DFØHQ LN8W	20,944,836 18,156,492 17,126,325	12437 198 10057 201 10381 204	710 750 723	*E25CRF	Thailand 78,925	l 610	20	57	*W2NPT *K2SCH	18,758	87 (C 48	28 0P: NF 17	55 P4H) 44	K8MP	District 8 860,520	3 878	<b>95</b>	260
PR2E	Brazil 9,215,601 4585	173	544	DP9A F6KOP G3V	12,682,788 <b>10,762,269</b> 1,826,393	8146 187 <b>8140 171</b> 2239 122	657 <b>586</b> 381		EUROP	E			*NQ2W *WW2G	31,970 18,711	113 111 <b>(O</b>	44 15 <b>P: WL</b>	71 48 <b>J2M)</b>	KI8Y KE8E W8EOG	304,668 18,816 4,628 2,649	478 108 43	57 34 21	62 31
PT4A PR2RP	4,120,358 3100 888,041 1558	119 70	387 139	YT5L IQ2MI	229,612 <b>79,242</b>	547 72 <b>487 30</b>	202 111	*OE5WEO	Austria 2,080	56	9	31	*WA2NYY	1,917 <b>District</b> 3	25̀ 3	7	2Ó	*W1NN *N8II *K8A.IS	<b>859,527</b> 503,276 446,352	813 942 593	103 48 69	29 284 140 203
CE3CT	Chile 7,315,266 4290	154	464	KH6LC	OCEAN 11,945,902	IIA 7673 173 1558 108	381 248	9A5RTW	Croatia 1,051,050	<b>984</b>	148	402	W3BGN K2ACX *K3AU	126,400 64,008 1,324,632	548 177 1254	<b>20</b> 36 <b>94</b>	<b>80</b> 90 <b>294</b>	*K7DR *NU8A *AF8A	120,727 118,854 49,364	244 297 208	55 37 19	126 105 67
*FY5KE	13,695,220 6154	169	601	<b>VK2W</b> 7E3E	<b>277,240</b> 324	<b>568 85</b> 9 6	<b>154</b> 6	*M5NCW	England 5,226	46	25	42	*K3HW *N2EM	443,703 326,400	(OP 522 426	86 90	281 210	*N8ET *N8GZ *NF8M	30,342 27,090 21,879	164 101 84	22 36 41	56 69 58
MU		DR		PJ2T	SOUTH AM 33,708,798	ERICA 14180 186	643	*TA1AQW <b>*TA1APD</b>	European Tu 180 5,130	10 10 72	9 17	9 <b>40</b>	*N2EY *KD9QS *WB3DPS	218,496 190,281 53,730	410 349 156	42 59 36	150 162 99	*AA8RV *AA8SW	13,700 4,350	92 41	38 23	62 35
	NITED STATES		070		EXPLOF	REB		Follow	ed. Rep. of Ge 37,125	erman 151	43	82	*WD8RYV *WA1HEW *W7LG	46,095 15,470 10,443 114 767	156 86 78 271	20 25 18	60 41	<b>K9MA</b> W9GT	District 9 1,523,743 287.250	€ 1338 441	<b>103</b> 72	<b>300</b> 178
W3LPL N4WW K9CT	19,462,500 8113 11,418,402 5175 11,255,326 5399	176 175	646 603		NGLE-OPE 1,053,592	ERATOR 1566 78	176	*DB3MI *DJØMA *DI 200	2,880 2,560 196	68 68 10	6 8 6	26 32 8	N4AF	District 4	4 2340	104	376	AA9JS KX9DX KØVW	125,550 95,840 89,544	315 240 217	67 36 51	158 124 117
K2AX K2LE ND7K	9,029,108 4320 8,974,852 4514 7,923,960 4640	156 156 158	592 575 527	SP5ATO C6AZT S53K	290,920 258,336 211,024	521 79 961 29 520 56	201 88 162	*DL7ND *DM2DS	24 14,600	4 129	3 29	3 71	K4ZW W4CB	1,962,281 1,209,245	1617 1173 (O	103 89 P: W2	318 276 2RU)	W9DZ W9FL * <b>K9WA</b>	59,584 16,340 <b>294,508</b>	189 94 <b>435</b>	30 31 <b>73</b>	82 64 <b>171</b>
W4NF K8LX W2CG	7,593,597 4433 7,156,592 3959 5,944,647 3068	134 <b>157</b> 157	493 <b>507</b> 560	WX8S OH2XX NØUJT	189,666 38,872 31,824	292 63 170 36 126 33	194 50 71	*OH2CBD	Finland 961	30	8	23	W4NZ K4WW N4CF	833,185 562,922 507,647	837 696 584	100 71 85	255 227 244	*WD9CIR *KE9SA *K9UIY	267,776 187,488 61,812	407 325 266	77 64 27	179 160 75
N7DX NØHJZ W1SRG	3,933,692 2891 1,230,240 1020 860,064 887	154 <b>124</b> 80	364 <b>356</b> 292	K7RB YO2GL VU2UUU	18,715 15,714 288	75 35 270 10 12 7	60 44 9	*F4JIK	France 58,028	234	42	121	AC4G W8FN W3SA	452,295 451,528 269,016	498 543 394	100 73 71	245 235 193	*KC9AAP *KJ9C	25,050 2,880 1,742	29 28	22 14 7	53 26 19
NRØT		95 <b>A</b>	264	vu2VUV		11 5 RER	6	*SV1SXV *SV1SYY	Greece 22,168 9,086	<b>263</b> 158	<b>36</b> 18	<b>100</b> 59	N4KS WF3T K4FOY	165,792 143,856 142,992	667 254 307	20 70 62	68 146 154	*NA9X	1,704 1,305	33 21 <b>X</b>	9 11	15 18
HQ9X VP5Y V07C	16,696,400 10214 7,615,026 6178	164 133	536 425		ULTI-OPE	RATOR	679	HA5MIG	Hungary	436	49	159	N9CB KQ4R K4AVX	136,128 52,535 51,208	295 148 174	56 43 49	90 99 99	NØAX WØETT	<b>District (</b> 1,583,163 504,030	<b>1249</b> 604	<b>129</b> 98	<b>348</b> 220
VA2UR	2,201,031 1939	104 106	379 377	ZM1A C6AGU EA4URF	14,301,232 12,615,785 9,150,408	7627 179 9081 154 7123 162	485 441 567	*HA6AK *HA8KM	<b>43,788</b> 80	<b>244</b> 6	<b>30</b> 4	<b>93</b> 6	NX4N KA3MTT *NK4O	7,137 6,273 <b>620 961</b>	50 100 692	26 17 <b>89</b>	49 35 34 <b>252</b>	NGØT NØTT KJØI	290,750 190,610 111,320 101,010	433 292 378 212	80 80 29 65	165 86
CR3DX	AFRICA 39,611,468 14781	198	725	YPØK ZL3X	<b>3,758,307</b> 3,533,658	<b>4666 131</b> 2821 122	<b>442</b> 324	EI6LA	Ireland 637,096	726	98	290	*N4HA *WA1S	390,728 333,203	489 497	72 68	217 179	N7WY W7UT	82,218 47,430	211 199	40 23	102 70

<b>*NØUR</b> *W4IFI *AEØEE	<b>747,994 810 92</b> 188,044 391 78 123,716 250 71	<b>246</b>   *E 134   *E 126	BG3LTM BG6TVZ	1,680 12	77 3	14 3	16 3	9N7AA	Nepal 2,500,592	2788	94 279	*ES1OX	Estonia 15,939	309	10	53	F4ARU <b>*F5JU</b> *E5PP	196,392 <b>265,212</b> 24 318	680 <b>494</b> 216	45 <b>73</b> 29	122 <b>205</b> 97
*WØPI *KØALT *NØZIB	80,542 198 53 45,747 148 49 24,823 113 31	101 68 72	VR2VRC	Hong Kong 10,044 India	70	15	39	*HZ7C	Saudi Ara 213,226	bia 566	34 105	*UC1A	European R District 27,625	<b>ussia</b> 1 184	31	94	*F5MMB *F6KBN/P	23,760 17,628	118 131 (C	28 36 )P: Ft	44 77 5IBV)
*WØZF *NØDL *ABØCD	13,987 90 25 12,711 88 15 5,529 89 30 3,248 44 26	46 * <b>\</b> 42 *\ 27 30	VU3GDS VU2JOS	<b>231,175</b> 4,674	<b>534</b> 56	<b>46 1</b> 13	29 28	*HS8KGG	Thailan 7,336	(U d 75	22 34	*R1AT *RK1F	5,104 529 <b>District :</b>	92 14	10 11	34 12	*F4ILK *F4ICZ	3,150 3,080 15	48 40 3	8 21 2	37 34 3
*WXØZ *KKØD *WØOP *NDØC	2,516 28 15 551 52 10 36 17 7 156,891 281 73	19 9 11 144	Z5ML	247,338 Japan	618	43 1	801	3W3B	Vietnan 24,244	n 98	42 74	RM2U RC3U	1,453,056 550,246	1665 (OF 912	124 9: RU3 88	392 3UR) 270	SV2DSJ *SV7CUD	Greece 491,598 15,840 759	, 1171 116 22	71 28	208 62
*KA4RUR *NØJK	891 20 15 60 5 2	18 2 <b>J</b>	H1HIC	District 1 316,940 297,840	<b>502</b> 554	<b>90 1</b> 74 1	<b>75</b>		EUROP	E		*R3AQ *RZ3AMW *RU5X *R5FQ	108,480 38,984 18,504 17,748	478 344 144 226	27 21 21 14	93 67 51 54	GU4CHY	Guernse 60,598	y 341	21	61
NC AL7LO	ORTH AMERICA Alaska 389,298 928 69	113 J/ JF JF	A1QOW /K4GUR IR1GSE IA1CRJ IE1OHP	259,126 175,266 107,756 96,701	410 294 367 267 243	78 1 76 1 50 57 54	45 58 74 92	OHØZ	Aland Isla 3,143,880 Albania	105 3455 (O	138 430 P: OH6EI)	*RA3XCZ *RA3V *RZ3DZ *RT3LA	17,010 13,900 8,140 3,382	122 195 49 35	29 20 29 17	76 80 45 21	HA8DU *HA5PP	Hungar 1,428,138 1,171,698	y 1571 1376	120 110	357 341
*V31YB	Belize 3,055 34 21	26 JF	IK1FNL IR1NHD IF1DMY II 1I NC	71,052 38,808 14,430 8,379	243 217 195 88 65	55 30 27 24	69 47 38 33	<b>*ZA1EM</b> *ZA1F *ZA1AK	<b>66,444</b> 51,072 968	635 300 30	<b>22 91</b> 30 84 7 15	*UA3SDN *R2AKM *R2PU	3,198 1,548 216,381	67 66 654	8 8 50	33 28 199	*HA5BMS *HA4YF *HA7AVU *HA1TI	290,763 182,756 30,820 7,200	745 479 186 181	67 60 31 5	200 184 84 40
VA1MM *VY2LI	Canada District 1 1,154,244 1620 68 70,064 284 35	ען 14 226 אין 81 אין	K1UVL <b>JK1OLT</b> JS1KKY JJ2JQF/1	1,482 655,626 638,928 154,530	23 <b>781 1</b> 808 1 314	10 13 2 02 2 70 1	16 226 204 32	* <b>OE7AFT</b> *OE9WLJ	Austria 27,436 4,929	<b>202</b> 71	<b>16 60</b> 12 19	R4RT *RA4ACX *R4WZ *UI4F	195,529 285,769 103,986 75,449	686 642 287 174	57 78 57 55	194 235 161 154	EI5KF EI6FR	<b>Ireland</b> 2,325,180 403,200	<b>3071</b> 1179	<b>89</b> 49	<b>301</b> 176
VA2EW	District 2 3,648,886 3081 104	09 *J *J 354 *J	JJ1KZZ JO1VVT JK1BVN JH1DJD	96,473 91,584 84,952 75,509	213 254 236 220	67 1 55 1 64 1 64	14 04 00 97	EW1I EU1ST *EW1NM	<b>Belarus</b> 1,594,695 134,190 71.991	1364 454 298	141 474 55 158 44 127	*UA4PKA *UA4QK	29,736 16,576	130 159	39 18	129 56	*GD5F	Isle of Ma 108,847	an 794 (OP:	19 GD4	70 RFZ)
* <b>VE2QV</b> *VA2LGQ	63,838 211 37 24 4 2 District 3	81 *j 2 *j *J	JR1LEV JA1IE JJ1XNF	46,116 27,552 24,795	229 134 122	39 42 40	69 70 47	*EW1FM *EW1AFM	7,686 288 <b>Belgium</b>	95 15	12 49 5 11	R6CA *R7KX *RM7C	115,080 460,964 301,050	271 915 874	69 81 53	141 245 217	<b>ikøyut</b> I1NVU	<b>Italy</b> 1 <b>,638,819</b> 946,746	<b>2414</b> 1254	<b>90</b> 127	<b>261</b> 320
VE3MDX *VA3FF *VE3MA	<b>104,780 272 51</b> <b>1,082,048 1391 80</b> 601,086 1072 64	<b>104</b> *J <b>239</b> *J 185 *J	JUTFAR JO1PZR JK1FNN JG1SWV	20,925 19,635 17,064 13,454	89 91 96 85	35 32 32 19	58 53 47 43	* <b>ON4CT</b> *ON4CBA	<b>1,060,500</b> 29,312	<b>1489</b> 159	<b>111 309</b> 38 90	*RA7R *R7KO *UC6Y *B7KA	184,630 70,446 50,927 10,449	595 304 252 65	48 39 33 33	137 138 94 48	IZ2MGN IK7NXU IK2AHB IK3DVY	581,436 306,054 305,539 122,040	909 506 531 308	108 78 70 61	264 216 177 165
*VE3FAC *VE3ADQ *VA3IIF	86,250         261         48           13,067         78         23           7,896         91         14           629         17         7	102 *J 50 *J 28 *J 10 *J	JH1VIX JO1KTD JA1WHG JP1JZR	10,584 8,977 4,480 4,002	80 93 52 39	18 18 26 23	31 29 30 23	<b>*E7/Z35M</b> *E77O *E77CEG	osnia-Herze 234,192 27,621 20,825	govina 867 208 217	<b>50 188</b> 18 63 22 63	*UA6J *R6NN *RC7LS *UA6ATG	2,250 2,106 195 598	37 22 10 29	17 17 5	28 22 10	IZ3QHA IK5EKB I4JED	85,057 70,380 61,194	341 388 149	48 27 73	155 42 113
*VE4AKF	District 4 8,424 93 25	29 *J	JK1BGV JJ1BDX JA1AGH	3,030 2,700 1,624	35 45 32	16 11 12	14 14 17	LZ7J	Bulgaria 940,005	a 1531	97_308	UA9FGJ	<b>District </b> 51,150	<b>9</b> 253	25	85	IQ8OJ	25,920 21,054	226 209 (OP 83	21 : IC8( 42	94 33 <b>)ZM)</b> 79
VE5CPU *VE5GC	District 5 19,691 118 44 6,984 136 11	53 *J 13 *J	JQ1VDJ JR1DVB JJ1FWH	828 629 500	14 15 17	10 5 10	13 12 10	LZ1HW LZ7M	443,051 151,286	691 663 (Ol	P: LZ1CI) 91 288 30 104 P: LZ5VK)	Fe DL2CC DC4A	d. Rep. of G 3,121,938 2,654,000	erman 2551 2420	<b>y</b> 126 133	<b>376</b> 367	IK1EQE *IK1JJM *IV3UHL *IK2UEX	16,465 <b>820,179</b> 253,800 192,863	95 <b>1317</b> 582 659	35 <b>86</b> 71 45	54 <b>247</b> 211 152
VE6UM *VE6IV	District 6 89,838 636 26 5,610 68 13	43 *J 21 *J	JF1GZZ JH1OJV JH1CFV JN1VFV	154 150 120 39	8 5 5 10	5 5 3 6	6 5 5 7	*LZ3QE *LZ1VKD *LZ4TX *L 75Y	<b>658,080</b> 480,036 236,880 211,060	<b>1257</b> 941 789 616	<b>91 269</b> 74 253 31 113 60 184	DLØRUS DL4ABR	1,259,145 120.927	(OP: 1589 (OF) 470	DL4N 94 P: DJ2 44	NAC) 311 2QV) 129	*I6FDJ *IK1AYT *IN3ZWF *IV3XNB	161,394 149,810 103,530 73,528	610 405 508 286	53 55 33	169 156 141 135
*VE6GK <b>*VE7NI</b>	1,872 32 16 District 7 24,990 123 31	20 *J *7 *J 54 *7	JA1RXC 7K1CPT JK1VUZ 7L1DST	4 19,012 13,608 4 418	2 98 106 40	1 45 21 24	1 53 33 23	*LZ3AW	91,932 Croatia	351	42 121	DL6DVU DK2CF DJ4KW	114,848 79,776 73,968	315 727 293	54 21 48	140 75 136	*IK1BPL *IK8ARF *I1BPU	63,474 45,980 42,228	286 192 214	37 46 38	105 105 75 100
*VE7GOG	2,400 33 19 (OP: VA7C	13 *j CE)	JK1NWD	2,349 District 2	39	15	14	*9A1AA *9A3NC *9A5ST *9A2VX	<b>1,748,028</b> 47,558 26,036 1,431	1997 218 173 20	121         387           43         115           24         68           11         16	DG2BAR *DL2NBU *DL8ULF	5,632 5,632 <b>1,272,866</b> 503,979	48 48 1396 1121	25 114 68	39 <b>355</b> 241	*I8IEQ *IU6FUB *IZ3ZOO *IK1YRA	38,304 30,300 23,575 22,842	195 184 181 108	43 41 24 30	101 109 91 51
*VY1KX	17,395 107 33 Cuba	38 J/ *J *J	<b>JA2KKA</b> JG2RFJ	18,232 249,984 200,880	<b>420</b> 88 <b>467</b> 372	41 73 1 72 1	45   <b>44</b>  44		Czech Rep 387,144	ublic 806	<b>66 217</b>	*DL5KUD *DJ3RA *DLØRD	432,485 291,957 169,726	724 650 456 (OF	76 69 64 P: DL3	259 238 162 3CQ)	*IK2AIT *IU4CSS *IWØGYC *IKØTLIM	19,474 18,042 16,368 15 708	115 121 112 104	30 28 30 24	61 65 58 53
*COBNMN Do *HI3Y	1,092,481 2068 66 ominican Republic 351,540 1458 25	181 ∗j  *j  83 ×j	JA2GHP JR2NMJ JE2HCJ JE2NI H	159,600 116,928 25,677 2 190	351 250 124 29	65 1 64 1 29 11	25 10 52 19	OK1XC *OK1HCG *OL2A	80,156 <b>285,978</b> 282,240	360 1055 636	31         85           49         182           63         189	*DL4JU *DK2TX *DC8YZ	167,328 149,058 107,358	351 446 430	59 49 44	165 133 130	*IZ5IPA *IZ2LTW *IZ8QPA	15,390 9,504 7,920	92 98 119	40 16 19	55 50 61
*XE1AQY	Mexico 12,444 79 22	39 ×J	JR2UQU JH2DFJ	1,458 858	28 34	11 11	16 22	*OK1UKY *OK1AUO *OK2IW	90,048 63,474 30,210	(OP: 374 217 274	OK2PEM) 39 129 46 96 23 91	*DL9DBZ	93,058 88,825	364 (OI 249	42 9: XX9 58	119 9XX) 129	*IZ2BVC *IW5ECP *IK2NUX	7,750 7,347 6,480 5,876	46 95 102 47	26 22 10 21	36 57 44 31
*PJ7/G4JEC 164	Sint Maarten 458,367 88955	JI JC JL	IR3BOT I <b>O3OEF</b> IL3DQX	228,660 77,028 140	394 <b>227</b> 6	78 1 53 5	144 <b>94</b> 5	*OK1FHD *OK1JDJ *OK1TVL	15,180 8,614 4,399	132 102 65	16 39 12 47 15 38	*DL2IAN *DK4LX *DH6RS *DL2ZA	84,203 81,002 70,875 69,736	315 497 305 308	45 24 40 43	116 77 135 141	*IZ2ABZ *IUØMVD *I1OQI *ILI3BPW	5,694 3,913 3,900 3,441	51 43 39 53	30 17 19	48 26 33 23
*PJ7PL <b>Tur</b> ł	(OP: NZ 32 4 2 ks & Caicos Islands	UK) *J 2 *J *J	JL3MCM JJ3TBB JG3XDR JE3OUU	<b>435,900</b> 117,107 7,544 2 728	<b>564</b> 281 66 44	97 2 67 1 15 19	203 14 31 25	*OK1LO *OK1LV	12,862 8,650	183 76	10 23 10 49 20 30	*DL1YEG *DF3CE *DH7TS	65,703 63,651 46,375	238 212 224	49 43 36	132 104 89	*IU2JFG *IZ4GRP *I2XYI	2,457 2,300 2,160	58 38 44	6 18 13	33 28 32
*VP5M	2,610,374 3351 83 (OP: K40	255 *J PL)	JG3EHD	420 District 4	10	5	9	<b>OZ7YL</b> *OZ8AE *OZ5UR	Denmar 18,700 772,800 236,872	K 160 1098 647	<b>27 73</b> <b>101 319</b> 59 173	*DF8IU *DL3YEE *DJ1KW	42,490 41,760 39,026 28,272	202 145 118	39 54 36	105 104 57	*IQ7YU *IQ7SB *II1R	2,130 1,215 1,134 437	25 45 20 40	14 6 11 5	16 21 10 18
KP2M NP2J	JS Virgin Islands 5,145,882 4386 118 (OP: KT 101.844 609 18	365   *J 365   *J 3Y)   *J 64   *J	JE4FNC JA4GQD JK4HNN	170,560 17,172 8,260 1,856	92 79 34	72 1 32 33 14	49 37 18	*OZ1TJ *OZ5DX *OZ2JI	101,388 4,032 128	373 42 8	52 161 14 18 8 8	*DG4UF *DL5CC *DK4RM *DL4JWU	28,124 26,280 23,100 15,308	221 134 136 127	18 41 20 21	61 105 64 65	*I5CDF *IW2NOY *IK1BAC	378 3,132 1 408	(OP: 16 48 43	IW1C 4 10 5	CBG) 5 44 27
	(OP: KE	RF) *J	JH4FUF	230 District 5 266.084	9 473	5 64 1	5	<b>G2E</b> G3T	England 602,992 178,596	<b>d</b> 1109 524	<b>84 254</b> 47 151	*DL2DBH *DK6AC *DJ5QE *DG2BZ	14,608 13,590 9,717	97 142 107	29 20 24	59 70 55	*IZ3NVR	Kaliningr	6 ad	4	6
401014		ČĀ) <sup>*j</sup>	JA5CBU	47,300 District 6	189	33	67	G9D G4HZV	144,360 30,368	(OP 468 <b>(OP</b> 164	: G3VGZ) 46 134 : G6NHU) 22 51	*DL8CKL *DHØVA *DB2OW	7,747 5,304 4,884	69 109 88	20 17 17	41 51 49	*RA2FQ *RA2FO	79,534 33,536 Latvia	277 202	49 34	133 94
ED8M	Canary Islands 4,758,704 3424 116 (OP: EA8I	356 *J	A6BWH JA6CVR JR6KBF	80,828 89,760 37,128	221 238 158	64 1 65 1 38	03 00 64	M6N GØHVQ	29,610 26,466	159 ( <b>OP</b> : 310	32 73 MØNPK) 14 52	*DL1BJO *DK9ZE *DM2BPG *DL2RZG	4,214 3,572 2,074 1,161	72 42 84 44	11 18 4 5	38 29 30 22	YL2VW *YL2NK	1,747,122 108,186	2120 397	126 53	381 166
*EA8CN *EA8BQM *EA8OM	<b>1,180,098 1297 73</b> 386,966 748 55 321,000 525 55	245 <sup>-J</sup> 136 159 J	JA6BCV	15,930 District 7 834,240 1	98 116 1	19 1 <b>07 2</b>	40 213	*MØXUU *MØRYB *MØURL	3,959 <b>495,320</b> 323,904 244,200	48 <b>1023</b> 860 670	14         23           68         237           56         185           56         166	*DL8UKW *DL1JDQ *DL8LR *DL7UKT	493 336,092 90,552 44 844	20 695 336 266	7 72 48 33	10 220 120 115	LY1M *LY4T	66,516 12,432	448 293	22 6	70 36
*EA8CYU	3,488 39 10 Rodriguez Island	22 J/ *J	IA7UES IA7KQC J <b>H7QXJ</b> JH7IXX	214,404 1,932 <b>449,069</b> 87.450	404 37 <b>793</b> 272	75 1 11 80 1 63	17 17 1 <b>49</b> 96	*G3VYI *M4X *G4POF	192,474 93,982 92,916	522 302 (OF 311	55 167 42 95 G3SZU) 42 136	*DG2FDD *DL1BWM *DMØY	28,514 12,236 8,046	196 101 150	26 29 10	80 63 44	PAØJNH *PA3DBS *PD1B	71,001 140,614 8,050	243 721 47	<b>41</b> 39 31	<b>106</b> <b>128</b> 39
3B9KW	3,386,060 2966 100 (OP: MØC	291   *j FW)   *J   *J	JA7RPC JF7VVL JA7KPI	11,130 3,648 1,518	94 43 58	18 15 10	35 17 13	*G4CXQ *MØMQV *G5C	81,750 60,634 59,364	334 246 301	34 91 34 108 34 119	*DK7OG *DK9BM	4,312 48	(OP: 78 8	11 2	45 6	*PAØKGB *PA1B	1,426 7,820	25 109	14 15	17 53
*54001	ASIA Asiatic Russia District 9	J/ *J	JA8RUZ JA8RWU	District 8 79,200 424,800	195 623 1	75 1 08 1	105 187	*MØSDB *MØCVO *G4SDX	46,400 46,011 42,108	(OP 251 303 200	38 107 34 113 32 84	OH1VR OG2X	Finiand 1,128,318 97,578	<b>1493</b> 473 (OP	<b>114</b> 28 : OH2	<b>377</b> 89 2RM)	<b>LN3C</b> LA7AK	<b>1,202,380</b> 326,215	<b>2206</b> (OI 1008	95 P: LB( 51	<b>300</b> 8DC) 214
*RL9L *UA9OV	198,440         374         44           81,192         303         26           18,012         84         23	76 *J 56 *J 56 *J	JK8PBO JR8QFG JM8SMO JG8NKJ	75,175 19,976 15,903 12,958	216 164 117 90	62 16 23 19	93 28 34 43	*M3X *GØORY *G3NKS	36,654 35,490 27,120	205 (OF 216 173	32 91 P: MØIHT) 21 49 28 85	OG5G OH9COG	42,560 22,630 5,856	170 225 (OP: 76	39 15 <b>OH12</b> 14	113 58 <b>ZAA)</b> 34	SP5AUC SP5ICS	Poland 990,113 113,032	<b>1738</b> 335	<b>85</b> 46	<b>264</b> 153
UAØJF *RØMZ	<b>District Ø</b> 177,792 431 60 1,740 28 14	132 *J 16 *J	JA8HBO JE8UHY JK8NIP	9,612 5,334 2,322	94 67 35	19 16 13	35 26 14	*M2U *G4BEE	26,730 26,676	287 (OP: 156	14 52 MØDHP) 31 83	OH4BCS	2,170	(OP: 56 ( <b>OP:</b>		ZAA) 29 <b>ZAA)</b>	SQ8LUU SP1JQJ SP9JBE *SP1AEN	75,690 70,125 4,698 <b>787 815</b>	576 285 49	21 32 18	69 93 36
*TA2L	Asiatic Turkey 50,050 145 54	100 *J	JA9EJG	District 9 11,760	79	28	32	*MØNDZ *G3TJE *MØIDL	23,142 17,700 3,080 1,488	275 68 37	17 41 11 49 6 34 7 9	OH5ZA	1,170 522	30 (OP: 19 (OP:	6 OH12 6 OH12	20 ZAA) 12 ZAA)	*SP6BEN *SP9R	98,090 62,865	217 281 (OP:	67 26 SP9I	103 73 BRP)
<b>BI1JNP *BG2QMO</b> *BI4QKE	<b>18,176 153 22</b> <b>410,640 655 95</b> 115,840 301 67	<b>42</b> *J 200 *J 114 *J	<b>JRØECQ</b> JHØDAY JIØWVQ	<b>64,801</b> 10,382 5,635	<b>223</b> 69 66	<b>53</b> 25 12	<b>84</b> 33 23	*M7R *M3F	43,092 28,248	313 (OP 298 (OP	21 55 <b>GØTPH)</b> 13 53 <b>G3WZD</b>	*OH2BMH *OH3MZ *OH5TS *OH1RX	<b>115,328</b> 25,875 <i>22,338</i> 7 696	<b>329</b> 187 <i>175</i> 134	<b>49</b> 27 <i>18</i> 10	163 88 55 42	^SP9GMI *SP5EPP *SP7BCA *HF95PRK	57,031 43,431 43,071 33,660	288 246 196 266	27 28 44 16	80 65 103 69
*BG6QAL *BD3OD *BA4II *BD4LB	88,452         317         58           32,379         183         42           11,550         215         14           2,562         27         18	104 87 36 24 <b>*</b>	JN7ZW UN1EAU	Kazakhstar 518 9,048	31 60	7 31	7 47	*G3YMC *G3YHF *G4GXL *GØUCP	23,973 7,990 5,244 3,456	245 155 108 82	15 46 8 39 8 30 7 29	TM5T	France 1,563,744	2284 (O	87 P: F5\	249 VKT)	*SP1DMD *SQ3YOTA	31,482 28,405	(OP: 143 275 (OP:	SP60 37 18 : SQ3	OJE) 69 77 JPV)

*SP9KJU	26,215	127 (OP:	42	65	*UT3SO	<b>333,324</b>	<b>907</b>	<b>61</b>	<b>221</b>	*BH
*SP2FVN *SP5TM	16,188 15 700	(OF. 96 129	22	54 71	*UR5UJ *UV7BB	192,832	529 228	65	242 197 38	*BG
*SP9Z *SO5C	3,444	43	14 13	14 21	*UT7UT *UT5UUV	280 7.050	8 125	6 8	8 39	*JQ;
*SP9CXN *SP4NKJ	61,908 25,704	341 202	29 20	125 52		Wales	.20	Ū	00	
*SP9VFX *SP8OOE	12,880 11,289	142 225	17 8	63 45	*GW4HBK *GW4W	<b>73,048</b> 9,752	<b>281</b> 98	<b>44</b> 14	<b>140</b> 32	*JJ5
*SO2U	2,520	67 (OP:	10 SP2	35 UUU)		-, -	(OP:	GW4	EVX)	*JM
*SP8D *SQ2RH	2,412 1,632	110 34	5 8	31 16		OCEAN	IA			*00
*CB50	Portugal	1666	82	203	VL2G	Australi 1,630,044	a 1658	109	242	05
*CT1F00	26 864	(OP	23	7AJL)	VL2A	1,601,124	(OF 1915	2: VK 101	2GR) 193	
F	Republic of K	osovo		00	VL2D	272 272	00 0424	P: Vk	244 (2BJ) 156	*9A3
*Z68EE	958,576	1666 (	83 (OP: (	279 )2221)	VL6T	59,429	(O 341	P: VK 18	(3TZ) 49	
VD0	Romania	1	00	00	VJ4K	2,106	<b>(O</b> 29	<b>P: VK</b> 13	<b>(6VZ)</b> 14	MØ
*V07SB	142,200 523 875	007 (OP	: YO8	96 3BIG) 287	*VL6K	1,681	(OP: 37	VK4 13	BAA) 28	C
*YO7ARZ *YO8/	440,504	797	77	251	*VK2CCC	364	30	2: VK	5WX) 7	3V
LZ4UU *YO4AAC	406,252 230,786	938 551	72 66	236 191	BI V85BH	runei Darus	salam	112	244	DF
*YO8BDW *YO3JW	126,690 58,428	475 421	41 26	164 82		_,,	(OP:	JO1	rūr)	E7 EC
*YO5AXF *YO5BTZ	49,984 28,640	402 252	20 16	68 64	WH2JA	Guam 244,394	1010	27	62	FN HA
*YO3JOS	20,502 16,380 10,611	234 169 85	14 13 20	53 52 61		Howell	(OF	2: JR3	Briu)	JA
*YO9IUP *YO7MPI	7,125	83 48	25 9	50 37	WH7T	1,733,420	2285	109 D: WI	151	
*YO4TL *YO8RAA	494 22,836	16 318	6 10	7 56	*NH6O	17,888	131	26	26	OF OF
*YO4BEX *YO8DHD	18,360 294	224 18	12 4	48 10	YB2MM	Indones 258,430	ia 429	63	152	ON R5
*YO8AJG	60 O a relia io	5	2	2	YB1RQX YB7KE	18,792 3,872	95 48	25 10	47 22	RN SN
ISØJXO	284,115	925	54	181	*YB8RW *YCØRNC/1	<b>73,576</b> 35,776	<b>416</b> 195	<b>31</b> 38	<b>37</b> 66	SP SC
GM2V	Scotland	2807	119	369	*YD9UW *YB3BGM	32,724 26,134	126 134	40 20	68 53	UF
MM3T	1.262.250	(OP: 0	GM3\ 84	NOJ) 290	*YB1HDR	2,450 18 1,240	38	14 3	21	YL
*GM3ZDH *GM1J	27,840 <b>30,528</b>	319 <b>325</b>	12 13	48 <b>59</b>	*YC2AUP *YCØBAS	360 247	10 10 7	6	9	Dis HM
	Serbia	(OP:	MMØ	(BQI)	*YD2NIR	88	7	4	4	of
YT6T	<b>3,085,780</b> 625,974	2543 1197	147 77	<b>410</b> 246	ZL2AGY	New Zeala 94,452	and 325	44	58	a s UV
*YU1RM *YU1RA	5,320 <b>104 839</b>	114 <b>473</b>	9 30	31 89	ZL2RX ZL1BBW	86,268 31,737	236 156	52 24	106 47	-
TORIN	Sicily	470	00	00	"ZL11F	19,050	101	31	44	
*IT9CKA *IT9V.IO	<b>29,640</b> 29,312	<b>158</b>	<b>30</b> 49	<b>84</b> 79	DU1EV	70,290	88 380	24	47	
*IT9VCE	7,623	69	20	43	*411EBD	13 724	430 (OF	21 00 21	1KG)	
OM5VS	Slovak Repu 98.952	Jblic 323	48	138	*4I1EAY	228	7	5	7	
*OM7SR *OM5NA	<b>94,500</b> 37,926	<b>388</b> 236	<b>47</b> 18	<b>163</b> 68	SC		FRIC	Δ		
*OM7AT *OM3CDN	21,090 16,065	146 147	29 18	82 45		Argentin		16	01	
*OM2AGN	3,476 Slovenia	41	13	31	LU7DW *ILIAXAP	1,372 2 <b>14 1:34</b>	29 467	13 59	15 119	
* <b>S57NAW</b> *S57T	363,000 140,304	629 395	<b>78</b> 56	<b>252</b> 166	*LW8DRU *LU2AXF	16,272 1,625	112 39	30 12	42 13	
*S52FT *S57WW	36,849 34,417	418 197	14 29	57 98	-	Brazil				
	Spain				PY2KJ PP5AX	<b>549,632</b> 507,864	<b>1252</b> 1093	<b>34</b> 57	<b>118</b> 111	
EA1ND *EA4KD	78,120 1,166,241	330 1547	36 90	54 291	*PY2MC *PY2NY	273,234 <b>394,822</b>	1042 <b>1256</b>	26 32	67 81	
*EA5ITT *EA1NP	232,842 185,180	726 452	53 59	204 176	*PY2RF	55 552	205	P: PY 51	<b>12V)</b>	
*EC7R *ED3Z	152,488	875 465	25 32	94 73 97	*PY2ARY *ZV2F	18,722 9,984	169 79	15 31	31 47	
*EA4FIT *EA7IZ	83,961 76,544	293 321	48 40	123 144	*ZZ7ZZ	8,460	(OP 102	: PY2 11	SFA) 25	
*EE5X	68,000	483 <b>(O</b> l	16 P: EA	64 5KO)	*PU2TNT	7,579	(O) 63	2: PR 14	7AR) 39	
*EA3WX *EA2BNU	39,300 39,121	190 392	47 14	103 57		Peru	5	4	-	
*FA4IF	23,105	(OP: 280	EA3	79 EYO) 45	OA4O	906,803	2308 (O	31 P: EA	106 7TN)	
*EA4JM *EA4BW	11,340 2,625	92 50	26 9	58 26		Urugua	y			1
*EB5BRZ *EA3QC	1,333 39,895	32 258	15 26	28 75	*CX2AQ	439,161 Venerus	1397	26	83	7
*EA4U *EA1BP	35,208 20,046	170 121	35 22	73 56	*4M5MAG	17,391	146 (OB	17	34	
*EA4GJT *EA2CAP	5,568 3,496	92 84	20 7 7	38 31		VOUT				
LAZUAN	Sweden	30	1	15	NC		H ERIC	Α		
SM2CEW SD1A	<b>906,888</b> 338,846	<b>1595</b> 1066	<b>79</b> 51	<b>269</b> 190		United Sta	ates	-		
SM6EAN *SM7CIL	34,880 <b>286,824</b>	243 <b>578</b>	20 57	60 <b>171</b>	WØAAE	2,272,125	2151	89	286	
*SM5LW *SJ7M	130,200 71,604	396 314	49 40	168 122	INPET IS	132 Dietrict	8 3	5	1	
SD5M	40,040	345 (OP: 98	24 SM6E 32	80 EWB) 64	*K4IEY	15,652	<b>1</b> 02	24	67	
*SGØM	12.800	(OP: 82	SM51 26	DFM) 54	*KO4GOF	District 6,550	4 46	18	32	1
*SM5MX	10,780	(OP: 99	SAØ 28	AQT) 70						ľ
*SM5KQS	2,440	28	18	22	NC	ORTH AM Canada	ERIC. 1	A		L
*HB9MIR	Switzeriar 8,103	90	21	52	*VE3OMV	District 268.641	3 728	53	118	
UT5EL	Ukraine 2,079,126	2070	129	393		ASIA				N
UWØU	2	1 (O	1 P: UT	1 7UT)	*BD4VGZ	China 571,200	996	82	190	1
				-						

21 12 17	*BH2SWB *BI4MPH *BG5UZW	159,274 39,697 23,782	465 202 150	70 37 33	124 70 61	Fed *DL7PIA *DK1YH	. Rep. of Ge 180,400 36,372	ermar 335 195	1 <b>y</b> 84 27	<b>191</b> 57	*YO2NWW *YO8OLY	Romania 31,262 11,220	<b>270</b> 84	<b>19</b> 29	<b>58</b> 56
8 39	*JQ3BVC	District 3 336	15	7	7	*DL4X1	165 Hungary	6	5	6	*YO8THR *YO8NTD	288 56 15	5 3	4 3 2	5 3
ю	*JJ5RAX	District 5 12,000	86	24	36	HA3MAR	13,132	126	17	50	SA6NIA	Sweden 163,780	734	41	149
\$2 <b>X)</b>	*JM8PSY	District 8 34,944	164	46	58	EI8KW	Ireland 133,575	515	43	152		OCEAN	A		
10	*DS1TUW	Republic of K 102,227	orea 389	49	102	*IUØLJD	Italy 220,884	501	63	174	*YD2UWF *YD3CZV	<b>Indonesia</b> 1 <b>34,820</b> 78	<b>452</b> 5	<b>34</b> 3	<b>73</b> 3
R) 33		EUROPE Croatia	Ε			*YL3JA	Latvia 119,528	451	32	102	*YC1LJT	22,737	151	16	37
J) 56 7)	*9A3BCW <b>*9A1CRT</b>	6,132 <b>8,800</b>	102 87 (O	25 18 P: 9A	59 <b>37</b> 7RA)	*PI4RS	Netherland 2,204	<b>15</b> 173 (OP:	22 PD1	<b>54</b> DBL)	SO *PY2POA	UTH AME Brazil 540	RIC/ 10	A 9	9
-/ 19 <b>Z)</b> 4 <b>A</b> )	MØWJE	England 341,880	595	87	, 177	*SP8BRT	Poland 2,117	58	7	22					

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