



Amateur Radio Club International

(QUARTERLY NEWSLETTER - VOLUME 18, NUMBER 1
APRIL 1, 1980)

QRP AMATEUR RADIO CLUB INTERNATIONAL INC. 2359 Woodford Street, Toledo, Ohio 43605

THE PRESIDENT SPEAKS:

Greetings !! We have experienced a few changes recently with our Editor, Bill, WA2JOC, leaving and Fred, K7LNS joining as our new Publicity Officer. Bill has done a fine as Editor, and we appreciate his work. Good luck with your new QTH! Let us welcome Fred, K7LNS, who is replacing Paul, WA2HYY, who has also served the club so well in many of the different offices he held thru the years.

Something new has been added to QRP ARC Int'l. Inc. which you will find further in the Newsletter. This QRP-FD, which is designed for the QRP operator, and we hope you will enjoy. Save this page and plan to participate in June. Any comments, you have, will be welcomed.

One remaining item, I have, is in regard to "The Members Say" column. I read each and every one of the comments, and they are not falling on deaf ears !. The power measurement issue is not over, and I welcome any opinions in writing. I recently received a disturbing letter from one of our members because of the difficulties involved with power measurements. A more formal and representative discussion by our Full and Active members is recommended. Look for July Newsletter.....

CU in July es 73,
Thom, K8IF

DIAL AND METER LIGHTS FOR THE HEATHKIT HW-8 QRP TRANSCEIVER

Radio Shack carries a line of subminiature lamps (Archer No. 272-1140 6V @ 25mA with 2-inch long leads both insulated from brass base of lamp) which can be used most effectively as dial and meter lights with no modification to the HW-8.

Install an additional control flat washer at AE and AF to increase the spacing between the front panel and the chassis. Connect two lamps in series. Press one lamp into the created space directly over the top center of the meter. Press the other lamp into the created space directly over the top center of the dial, taking care not to allow the lamp to rub against the dial edge. Solder the free end of the lamp over the meter to terminal 2 (GND) of Terminal Strip AD. Connect the free end of the lamp over the dial through a 47 ohm $\frac{1}{2}$ watt resistor to terminal 8 of CONTROL AF. A lower value of dropping resistor may be used for brighter light but, as in my case, 47 ohms provided most adequate light and kept the current drain below 25 mA and hopefully will extend the life of the lamps. (Note - The above was submitted to the Editor, Hints and Kinks, QST on December 14, 1977 but, to date, I have not seen it in print in any QST issue)

CHARLES J. KRONKE, W2AXZ

NET INFORMATION as of 2/29/80

Participation in both the 40M and 80M nets has been up this past quarter. That is good sign of interest in the nets, and QNI's have reached into the double digit figures with regularity. Plans are progressing on a 20M net we hope to start up some time this summer

The NCS/Alternate NCS system has gotten off to a good start on 80M, but we need more volunteers for NCS jobs on 40M. Any takers?

Please note that when the country goes to DAYLIGHT SAVINGS TIME all nets will meet at the same local time, or one hour earlier UCT.

Congratulations to those members who earned QNI certificates this past quarter.

NEW AWARDS: 40M - #11 WB8SGD/KB8NR
80M - #6 N3AAZ, #7 WB9LKC, #8 K5VOL

AWARDS: 40M - #1 WB9LKC, #2 VE3JHG, #3 W8MGF, #4 WA2JOC, #5 K9PNG, #6 K4JO,
#7 W8IM, #8 W9LBO, #9 WA3ZBJ, #10 K8KIR, #11 WB8SGD/KB8NR.

80M - #1 W8IM, #2 W2YVQ, #3 WA3NJJ, #4 W2EMW, #5 AA2R, #6 N3AAZ
#7 WB9LKC, #8 K5VOL.

40M - WB9LKC-83, K5VOL-42, K8KIR-32, W8MGF-29, W8IM-25, WA3ZBJ-24, WB8SGD/KB8NR-21,
WA2TDL-17, K3TKS-13, VE3LPE-9, K8IF-7, W8JKB-7, K2RS-6, WD4LOO-5, WB9TIF-5,
K4EXC-4, W8DFY-4, W8RY-4, K2EU-3, WB2PEF-3, N3AAZ-3, K9SW-3, WA1JVY-2, WD9IFF-2
WA2KSM-1, WA3SRE-1, W3UCS-1, WD8AZF-1, WD8BYW-1, W8EID-1, WD9EGW-1, K9LO-1,
WB9LQC-1, WA9OKB-1, WB0QPS-1, K0FHC-1.

80M - W2YVQ-42, W2EMW-30, AA2R-25, N3AAZ-23, K5VOL-23, WB9LKC-20, WA3ZBJ-18, WD9IFF-13,
K8KIR-12, W8MGF-10, WD4LOO-8, K5BOT-8, W8JKB-8, K9SW-7, N4HV-6, K8IF-6, AE4Y-5,
WA2JOC-4, WA3SRE-4, WD9EGW-4, WA2KSM-2, VE2DJ-1, W2RJW-1, W2YJR-1, K4EXC-1,
KL7FDQ/7-1, W80FS-1, W8RY-1, WA0HQ-1.

NETS: 40M: 7.060 MHz. Saturdays, 1800Z (1PM EST)
80M: 3.560 MHz. Thursdays 0200Z (9PM EST, Wednesday)

NET CONTROL/ALTERNATES

40M: 1ST week: K8KIR/K9PNG
2ND week: K5VOL/ open
3RD week:
4TH week: K5VOL/Open
5TH week: K5VOL

80M: 1ST week: W2YVQ/K5VOL
2ND week: WA3ZBJ/K5VOL
3RD week: W2YVQ/K5VOL
4TH week: K5VOL/ Wa3ZBJ
5TH week: K5VOL

Submitted by Red, K5VOL, Net Mgr.

FLASH!!!!!! DAYTON HAMVENTION

QRP Forum to be held on Sunday, time, 12:00 noon to 1:30 approx. in Room #2 at Arena. If you're in the neighborhood stop by and soak up some QRP atmosphere or you may have something to contribute. April 27, 1980 is the date.

AWARDS

KA1BTI QRP-WAC 3½ Wts. CW endorsed
KA1CZF QRPp-WAS 40 States CW
KA1CZF 5 Wts. to JA2ETQ 1360 MPW 28 MHz CW
WD4IUF 2½ Wts. to OE1WYW 1920 MPW 21 MHz CW OM
KA4FJD 2½ Wts. to OE1WFW 1920 MPW 21 MHz CW XYE
W8HZA QRP-25-50-100
W8HZA 2 Wts. to YO2BC 2550 MPW 21 MHz CW
WØGK 1 Watt to JA3WBK 6500 MPW 28 MHz CW
JA3WBK 1 Watt to WØGK 6500 MPW 28 MHz CW
WØGK QRP-WAC 3 WT. CW endorsed
KAØAZQ 2 Wts. to KS6GU 3000 MPW 21 MHz CW
G4DYF ¼ Wts. to P29KC 2750 MPW 28 MHz SSB
JR3GPP 100 Mwts. to JH8IAT 6500 MPW 50 MHz AM
N4BP 2½ Wts. to VK6IE 5960 MPW 21 MHz CW
W1HR 15 Mwts. G4BUE 219400 MPW 28MHz CW (Jim Fisk, Editor, Ham Radio)
W8SVGE QRP-50 Seal
W8SVGE 3 Wts. to KL7... 1189 MPW 21 MHz CW
W8SVGE QRPp-WAS 30 states
N5BAK 2 Wts. to KH6CHL 2 Wts. 1800 MPW 21 MHz CW
WD6BYN 2 Wts to WB2GTY 1257 MPW 21 MHz CW
WBØWIW 4.8 Wts to YU3EO 1040 MPW 14 MHz CW
WBØWIW WAS-QRPp 50 seal endorsement
WØGK DXCC-QRPp
KAØFDL WAS-QRPp Basic 20
WD9IFF WAS-QRPp All 50
KA4EDW 5 Wts. to VK3NAC 1800 MPW 28 MHz CW
KA4EDW 5 Wts. to JJ1BBQ 1400 MPW 21 MHz CW
KA4EDW WAS-QRPp 30 seal endorsement
OK1DKW 600 Microwatts to G4FKL 1,240,000 MPW 745 Mi. 21 MHz CW
OK1DKW 3 Wts. to JA3EQC 1866 MPW
OK1DKW WAS-QRPp Basic 20
AA2U DXCC-QRPp (ex-WA2ICK) 106 endorsed
K4RUG DXCC-QRPp 106 endorsed
KA1CZF WAS-QRPp 50 seal 4th Novice
KA8DFJ WAS-QRPp All 50 5th Novice
KA8DFJ 2.5 Wts. to PY2ABO 1960 MPW 21 MHz CW
WD5BUG 2.5 Wts. to JA4AEZ 2560 MPW 21 MHz CW
W8RYV WAS-QRPp Basic 20
WA5TFU WAS-QRPp Basic 20
AA4W WAS-QRPp 30-40-45-50 seals
WA6KGB WAS-QRPp All 50 mixed bands & modes
NØAJZ WAS-QRPp All 50 SSB
WA4SWF WAS-QRP Old award mixed bands & modes
KA4DLC WAS-QRP Old award mixed bands & modes
W8RYV 2.5 Wts. to ZS1XR 3360 MPW 21 MHz CW
W8RYV 5 Wts. to VK3YT 1960 MPW 14 MHz CW
WØGJ 2 Wts. to KG6TAQ 3950 MPW 14 MHz CW
W2INJ Rcvd PAØHRK running 1 Watt 3660 MPW 28 MHz SSB
AA4MI 4 Wts. to SK9KFM 1246 MPW 28 MHz CW
K3NN 4 Wts. to VK5FM 2500 MPW 21 MHz CW
W8MFP 5 Wts. to JA1ADN 1260 MPW 28 MHz SSB
W8MFP 5 Wts. to ZL4KI 1760 MPW 21 MHz CW
W8MFP 5 Wts. to ZS3KC 1500 MPW 21 MHz SSB
W8RYV WAS-QRPp Basic 20 2-way QRPp
WB7CFH Rcvd KA1CON running 2.5 Wts. 1000 MPW 28 MHz CW
KB5NM 5 Wts. to ZS6RM 1880 MPW 14 MHz SSB
WB1FEH WAS-QRPp 50TH state seal

AWARDS Cont'd.

WB9HPV WAS-QRPp 35 seal
WB9HPV WAS-QROP Basic 20 on 28MHz
JH8DEH WAC-QRP
JH8DEH 5 Wts. to SP9AID 1280 MPW 21 MHz SSB
WB1FEH WAS-QRPp 40 and 45 seals
WB1FEH 5 Wts. to KX6NT 1360 MPW 14 MHz SSB
WA2JOC Nr. 1 new DXCC-QRPp Award. All CW with 50 endorsement, 100 DX listed
WA1OFP DXCC-QRPp Certificate #2
WB2RCP 5 Wts. to ZL1EKX 1740 MPW 14 MHz SSB
N1ABS/9 QRP-25
WB0WIW QRP-25
N4BP QRP-25 50 seal
N4BP 5 Wts. to VK6HD 2980 MPW 28 MHz CW
WB3JJL 2.5 Wts. to I6JKW 1760 MPW 21 MHz CW
K7LYT 2 Wts. to KH6ILA 1300 MPW 28 MHz SSB
JF1YMA 799 Mill-watts to JA1TCV 5600 MPW 21 MHz CW
KA0BLE WAC-QRP
KA0BLE WAS-QRP
K3TKS QRP-25
N1ABS/9 WAS-QRPp 20-30 seals
W8PCS QRP-25 50 seal
W8PCS 5 Wts. to JA1ILN 1280 MPW 21 MHz CW
W9SCH 0.5 Watt to W1BJJ 1620 MPW 21 MHz CW
WB6JBD WAS-QRPp All 50
KA4AXS 4 Wts. to LU7EKA 1225 MPW 28 MHz CW
K1BH WAS-QRPp All 50 75 meters SSB
W5BWF 2 Wts. to ON8RD 2475 MPW 21 MHz CW
ON8RD Receiving end of W5BWF's 2 Wts.
K5IGA QRP-25
W9SCH 360 Milli-watts to N6BRT 4600 MPW 21 MHz CW
Ka4EDW WAS-QRPp 20 states CW
W3CEI QRP-25

MEMBERS SAY

Finally made WAS-QRPp with Maine as the last one. Not bad for a HW-8, with a ground mounted vertical. Thanks for a fine organization. L.T. Switzer, KA8DFJ

About subjects for the Newsletter - Using a \$3.00 piece of 3/8" X 10' of aluminum tube I converted a Radio Shack CB beam into a 15M beam. I got the beam free from a disgusted Cber, but the new cost is only \$42.00. The national magazines are full of beam Ads and they won't publish something like that. J.C. Kirksey, W5BWF P.S. rig is HW-8.

After 4 years of hamming, I lost interest in radio altogether. Now I'm back at full tilt with a Heathkit HW-8 and I'm having a ball. The HW-8 is a fantastic little rig, worth every penny I paid for it. Thus far I've added a CW filter, audio clipper, a panel lamp, and an extra coax connector (SO-239). There's plenty room for modification, so there's no excuse for not trying your ingenuity. Not wanting to tear up my yard with radials I bolted my vertical (HY-GAIN 18V) to a post on a chain link fence. I find this to be an effective system for a good ground plane. For those who own the HY-GAIN 18V and find it difficult to tune, try connecting a 3-30 pf air variable across the loading coil. Keep up the good work. Scott Kasler, WB3UHH.

WELCOME TO NEW MEMBERS

N9BM - Arthur W. Vieth, 300 Church Street, P.O. Box F, Lomira, Wis. 53048
N6WR - Armond M. Noble, P.O. Box 160568, Sacramento, Calif. 95816
WA4TLM - Jon C. Lankford, 2855 N. Magnolia Avenue, Pensacola, Fla. 32503
WB2GUN - Joe Moffa, 2205 Cove Road, Pennsauken, N. J. 08110
KG6JII - Hamilton J. Clark, Box 912 Unit AA, APO, N. Y. 09093
KA7ADF - Zach Allerton, 124 Richelieu Avenue, New Castle, Pa. 16101
KA9AYQ - Milfred T. Morgan, R 1 Box 287, Adams, Wis. 53910
N6CDQ - Hart York, P.O. Box 365, Fontana, Calif. 92335
WL7AHR - John T. Moore, P.O. Box 534, Juneau, Alaska 99802
W9DRL - Joe Slattery, 820 Chatham Road, Glenview, Ill. 60025
KA0FPB - Edward J. Jaeger, 215 N. Jycamore Street, Box 254, Monticello, Iowa 52310
- John P. Irish, 2065 N. E. Millers Cemetery Road, Albany, Ore. 97321
KA8HAN - Thomas L. Hauff, 1143 Florida Avenue, Akron, Ohio 44314
WH3AAA - William H. Springs, P.O. Box 327, APO, San Francisco, Calif. 96305
KA2DOH - Lawrence J. Makoski, 251 Old Bridge Turnpike, East Brunswick, N. J. 08816
KA4DLC - John F. Hauser, 3304 W. Mallory, Pensacola, Fla. 32505
WB9VKU - Harold L. Hart, 1054 Green Street, Henry, Ill. 61537
K3YKT - John A. Butler, 527 Michille Road, Odenton, MD 21113
KA9AYR - Jewel P. Morgan, R 1 Box 287, Adams, Wis. 53910
K9ZL - R. Stephen Bellgraph, 402 Shelley Drive, Racine, Wis. 53405
KA2BFU - Lawrence E. Emmons Sr., 16 Amherst Road, Massena, N. Y. 13662
WD4OAA - Gerald T. Kelley, 4705 Slone Drive, Jeffersonville, Ind. 47130
AB5N - Shelby R. Thorton, Rt. 1 Box 303H, Farmerville, La. 71241
KA4DMW - Scott Worley, 1405 Brownlea Drive, Greenville, N. C. 27834
WD0FWX - James C. Herning, 977 North Clay Avenue, Kirkwood, Mo. 63122
KA5BEE - Melvin F. Ratzlaff Jr., Rt. 1 Box 220, Gloster, Miss. 39638
WB6YHO - Robert L. Eidson, 970 Arnold Way, San Jose, Calif. 95128
WB4WRE - Maurice R. Slaney, 14722 Pan Am Avenue, Chantilly, Va. 22021
N6BXO - Colin M. Fisher, 889 S. Winchester Apt. 287, San Jose, Calif. 95128
WA0AJF - Ron L. Toyne, 4720 Sugar Pine Drive N.E., Cedar Rapids, Iowa 52402
WD5FOT - Nolan W. Waxler, 219 Coach Road, Houston, Texas 77060
AA8V - Gregory P. Latta, 438 Eastland Avenue, Akron, Ohio 44305
WA1YIO - Ben B. Hutton. RFD #9 Pepin Drive, Bow, N. H. 03301
WD2AHL - Gordon M. Cox, 575 Paulison, Clifton N. J. 07011
KA4EBW - James B. Howell, Rt. 9 Box 251 (Hwy 70), Salisbury, N. C. 28144
N8LA - Louis Axeman Jr., 1445 Ramblewood Drive, East Lansing, Mich. 48823
WA4SWF - Curtis F. Jones, 511 Lackey Avenue, Louia, Ky. 41230
WBAC - James J. Martin, 24455 Lakeshore Blvd. Apt. 1804, Euclid, Ohio 44123
WB7AWN - Edward N. Davis, 3049 Garfield, Longview, Wash. 98632
WB9GIE - Elroy W. Shelley Jr., 7037 N. 41ST Street, Milwaukee, Wis. 53209
N0AJZ - Lanny C. Rathert, 1954 Mantilla Drive, Florissant, Mo. 63031
WD0EDH - Wes Morrow, Rt. 2 Box 339, Conifer, Colo. 80433
N4AGS - Edmund B. Redington Jr., 6126 Parahunt Pathway, Ashland, Va. 23005
W3TF - Thomas J. Folan, 65 Penrod Street, Johnstown, Pa. 15902
W2WQI - Merrill B. Dodds, Box 96, Bernhards Bay, N.Y. 13028
WB6PUM - Gerald K. Perske, 675 Aurora Drive, El Centro, Calif. 92243
WB5NGB - Gouglas A. Loughmiller, Rt. 6 Box 515, Paris, Texas 75460
WA1ZKP - Henry J. LeFcourt, 131 Round Lake Road, Ridgefield, Conn. 06877
WB2DGJ - Carl B. Szathmary, 935 Maple Avenue, Roebling, N. J. 08554
WB1HGA - Ronald B Silvia, 139 Williston Street, Fall River, Mass. 02721
WD9HDW - William D. Halliday, 3423 Washington Avenue, Racine, Wis. 53405
KL7IBT - James B. Huffman, P. O. Box 5388, North Pole, Alaska 99705
JR3GPP - Masao Nomura, 454-8 Ueda, Kawachinagano, Osaka, 586 Japan
WB8AKQ - Randy L. Goff, Rt. 1 Box 103, Washington, W. Va. 26181
AA4MI - Carl S. Zelich, 250 Diana Blvd., Merritt Island, Fla. 32952
WA3SRE - John F. Slony, 131 Scott Road R.D. 8, York, Pa. 17403
KA3DZQ - Steven C. Chalk, 3726 Chestnut Avenue, Baltimore, MD. 21211
WD8PNB - Anthony J. Spagnoletta, 1131 Park Avenue, Girard, Ohio 44420
N2BPU - David B. Wayne, 53 Leonard Street, Buffalo, N. Y. 14215

WELCOME TO NEW MEMBERS con't.

KA4JGV - Jerry C. Bowers, 2516-C Celanese Road, Rock Hill, S. C. 29730
WB9YAG - Norman D. Tavender, 2535 Poplar Avenue, Springfield, Ill. 62703
N2FH - Faris Howat, 1922 West 7TH Street, Brooklyn, N. Y. 11223
W9IWI - Julian N. Jablin, 9124 N. Crawford Avenue, Skokie, Ill. 60076
N9ANK - Carl Baines, 430 W. Dean, Virden, Ill. 62690
K0TBB - Stanley W. McKean Jr., Box 15201, Kansas City, Mo. 64106
W3RLL - Glen L. McBride, 238 Vincent Road, Paoli, Pa. 19301
KA5FQX - Martin C. Wilber, Rt.5 Box 415-B4, Nacogdoches, Texas 75961
WD0EAO - Jon S. Presley, Route 3, Lebanon, Mo. 65536
I3BLF - Venanzio Mior, Via Settefontane 30, 1-34141 Trieste, Italy
WB0FDJ - Clarence R. Carlson Jr., Box 656, Killdeer, N. D. 58640
N8AZG - Anthony F. Skok, 610 Walnut Drive, Euclid, Ohio 44132
WD4NHI - Tina S. Faulk, 180 Talladega Trail, Pensacola, Fla. 32506
WB9WIC - Lawrence S. Schulman, 1014 Dell Road, Northbrook, Ill. 60062
W5TOU - Andais J. Klekers, 4614 Weiskopf Lane, Corpus Christi, Texas 78413
KB0JW - Shelby W. Haukos, 1239 N. Baird Avenue, Fergus Falls, Minn. 56537
W3QF - John D. Muller, 10204 Greenfield Street, Kensington, MD. 20795
KA8ESM - Thomas E. Ludwick, 152 Milton Street, Battle Creek, Mich. 49017
K7ZAB - Donald F. Hammond, Box 245, Ash Fork, Ariz. 86320
KB7ID - Lee W. McCutchen, 4460 Caminito Estate, Tuscon, Ariz. 85718
WA2VLE - William Sanchez, 7 Hawser Place, Coram, N. Y. 11727
W0LAA - Ward H. Justus, 2913 Hickory Street, Omaha, Neb. 68105
KA4JBA - Alan L. Skerker, 6509 Gildar Street, Alexandria, Va. 22310
WB3KOZ - Robert L. Nimick, 303 Harrison Street, Cumberland, MD. 21502

MEMBERS SAY con't.

WOW! What a great contest. Good times like that make me want to throw my high power rig out the window. I've never heard so many QRP stations on before. Work and Church obligations kept me side-lined some of the time, but still got in lots of great QRP contacts. Where in the world are all you guys all the other times I call CG/QRP until I'm blue in the face? To me, working another QRP station is better than any rare DX, but it seems to be as hard to do, most of the time. The first Sunday in August I was on a sort of DX expedition, while vacationing, in the North Woods on the shores of Lake Superior. Really looked forward to working some fellow QRP nuts, but you weren't there. Oh Well!!! I can always get a kick out telling some guy running a KW that he's 579 in Ill., while my 3 watts 569 in Calif., but I'd rather work you guys. Come on fellows, lets get with it. See you on the first Sundays of each month, and please listen for me on the Club freqs. Forrest Hester, WD9IFF.

Just recently picked up and built a Heathkit HW-16 and HW-8, and have two QRP rigs in the shack plus a HT-32. But after being out of QRP action I just got the bug again and after 15 years absence, who should I work first but WASCNN our Awards Mgr. I left off with QRP-25-50-100, 15 years ago and now working for the QRP-200 seal. I'M interested in Solar panels for my HW-8, so is there anyone with info on Solar panels for running the HW-8??? Lou Marchese Jr., WA2PMW.

CLUB NOTES

The job of Editor, of QRP ARC Int'l. Inc. Quarterly Newsletter is still open, so you fellows with ambitions of being a famous writer (Editor), here's your chance. It's all good hard work, but very rewarding. Drop a brief summary to Thom, K8IF, our Pres., and the Board of Directors shall make a selection from the candidates. Do your bit for our Club.

QRP AMATEUR RADIO CLUB INTERNATIONAL INC.

QRP - FIELD DAY CONTEST

CONTEST IS OPEN TO ALL AMATEURS AND ALL ELIGIBLE FOR THE AWARDS

STARTS: 1800 UTC Saturday June 28, 1980 (27 Hr/24 Hr Total)
ENDS: 2100 UTC SUNDAY June 29, 1980

EXCHANGES: OPERATING CLASS, ARRL SECTION (Both Club members & Non-members)
OPERATING CLASSES, 1A, 1B, 1C, 1D, 1E (& Battery)

SCORING: Stations can be worked for credit once per band, each QSO is (2) points. Bonus points are +500 Portable (in field, non-commercial power source), +100 Battery (100% battery power), +300 Solar Power (100% Solar Source), For Duration of Contest.

MULTIPLIERS:
More than 50.1 Watts PWR..OUTPUT..... X1
15.1-~~to~~ 50 Watts OUTPUT X1.5
5.1 to 15 Watts OUTPUT X2
1.51 to 5 Watts OUTPUT X4
.51 to 1.5 Watts OUTPUT X6
.15 to .5 Watts OUTPUT X10

SCORING: QSO points X Power Multiplier + Bonus Points.
Multioperator stations divide by number of operators
i.e. Score 100,000 with 5 operators, final score =
100,000 / 5 = 20,000 Pts.

CONDITIONS:
Portable stations may operate within the 27 hour span if set-up is after start of contest, or 24 Hr. PRIOR SET-UP OPERATES 24 HR. (MAXIMUM).
Non-portable stations may operate 24 hour period only.
All modes are accepted, but no repeater QSO 's. Contacts are direct and not prearranged.

FREQUENCIES:
All modes, CW, SSB - general amateur frequencies, 160 Mtr thru 75 CM. Remember, No repeater QSO's - try 146.52 (FM), 446.00 etc.

CALLING METHOD:
CQ FD CQ FD QRP DE call
EXAMPLE: CQ FD CQ FD QRP DE W2QRP, PORTABLE (/) NOT REQUIRED EXCEPT FOR OUT OF DISTRICT eg. (W1AA/B).

AWARDS: CERTIFICATES to the highest scoring 1st, 2nd, 3rd place stations overall. NO Multi-transmitter stations.

logs; Send full log data, including Name, address, Call used. Also equipment, power output only, antennas, and bonus information (battery/solar/portable). Results will be published in Newsletter, etc. Entrants desiring results sheet and scores, PLEASE enclose a business size envelope with POSTAGE. Logs must be received by July 30, 1980 to qualify.

ADDRESS LOGS TO: QRP ARCI CONTEST CHAIRMAN; EDWIN R. LAPPI, WD4LOO;
203 LYNN DRIVE; CARRBORO, N.C. 27510

Bill Masciarelli WD6GNJ
Box 101
Index, WA 98256

My dear Joseph,

After sailing a 35-foot fiberglass sailboat from Finalnd to Seattle with a 101E aboard, I'm totally sold on the mix of amature radio and boats!

(By the way, that voyage included a 72-day single-handed passage from Panama to Hawaii...I spent so many hours on the radio during that leg that I almost hesitate to call it "single-handed"!)

I'm now living in the Cascade mountains near Puget Sound building a 34 foot cruising catamaran.

I'd been facinated by cats and tris for a long time but had been afraid of them...just as stable up-side down as right side up! Then I realized that I could put a low-power emergency CW rig in a compartment built under the deck...as soon as the thing capsizes, pull out the rig, set up the antenna and yell for help!

Power will be from an Elpower 8 amp hour gel cell which will be constantly trickle charged from a small bank of solar cells. In the event of a capsize the solar array could be used to re-power the battery between distress transmissions.

My problem lies with the rig.

I've never worked QRP and am definitely not experienced in home-brew.

The only rigs I find on the market are the MFJ and Kantronics 40 meter jobs.

If I had my choice I'd like to be sending ... --- ... in the phone portion of 20 meters.

Do you have any thoughts on that? Both on any rig that might be useful on 20 and also, if I'm stuck with the 40 meter band, what kind of luck I might have raising someone from the middle of an ocean...say south of Sri Lanka in the Indian Ocean!

Any suggestions you might have (including, perhaps, the name of someone who might be willing to make up a rig for 20 or who might be especially facinated by my application) would be appreciated.

Also, an application blank for the club, if you please.

Thank you very much,

73.

8

Bill Masciarelli

RESULTS OF OCTOBER 1979
QRP CONTEST

TATE/ ROV.	CALL SIGN	BANDS USED	RIG DETAILS/POWER	POINTS	S-P-C	TOTAL
AL	AC4X	40-10M	Argonaut/5W	102	30	9,180
AZ	WA7LNW	40-15M	HW-7, SB101/ 2W, Reduced to 20W	193	45	18,765
	WB6UOL/7	15M	HW-7/3W	35	13	1,365
	AC7A	40-20M	HW-7/3W	29	8	636
CA	W6RCP	80-10M	Argonaut/5W	131	41	16,113
	K6URI	20-15M	Hallicrafters SX-117/65W	22	8	96
CO	WØKEA	15-10M	Argonaut/5W	397	47	55,977
	WBØCLX	40-15M	Argonaut/5W	127	30	11,430
	WBØOKY	15M	HW-8/2.5W	20	7	420
CT	K1CAN	80-10M	Century 21/ 20W	397	74	58,756
FL	N4BP	40-15M	HW-8 + BOOTS AMP/25W	834	112	186,816
	AA4MI	80-10M	????/4W	309	70	65,190
	WAØCZA/4	80-10M	Atlas TX 110/20W	134	36	9,648
	K4KJP	40-10M	Argonaut/5W	85	27	6,885
	W4QN	40-15M	HW-8/3W	65	21	4,095
	W4AWS	15M	HW-8/3W	33	9	891
GA	WD4KJF	80-15M	HW-8/2.5-3W	137	33	13,563
	WD4DSS	40-10M	Century 21/Reduced to 5W,20W for 1	92	25	6,484
HI	KH6GB	15-10M	Argonaut/5W operated 6hrs only	22	7	462
IL	WB9HPV	80-10M	Argonaut/5W	367	72	79,272
	N1ABS/9	80-15M	Argonaut/5W	272	62	50,592
	WD9EGW	80-15M	Argonaut/5W	180	46	24,840
	WA5CIY	80-15M	Argonaut/5W	101	23	6,969
	W9LBQ	80-15M	HW-8/3W	286	25	6,450
	K9SW	80-20M	Hallicrafters HT-18/23W	75	15	2,250
	W9QWM	20-10M	FT101/Reduced to 90W	65	17	1,623.5
	N9AG	15-10M	Kenwood TS-520S/100W	10	3	45
IN	WB9QPS	80-10M	Argonaut/5W	327	69	67,689
	K9VCM	80-15M	TS-520/Reduced to 20W	487	36	35,064
KS	KØKD	80-10M	Ten Tec 540/25W	185	30	11,100
	KØFPC	80-10M	Century 21/70W	117	33	5,791.5
LA	KB5FI	20-10M	Argonaut/5W	408	48	58,752
MD	WA3FNK	40-10M	HW-8, Swan 350/3W, reduced to 5W	151	34	14,949
	K3TKS	40M	Argonaut/5W	94	17	4,794
	N3PM	20M	Drake T4XB/100W	17	5	127.5
MA	K1KSY	15M	SB104A/Reduced to 1W	236	36	25,488
	W1PWK	40-10M	Argonaut/4W	165	44	21,780
	WA1JVY	80-20M	HW-7, DX60B/3W, 5W	76	21	4,788
	WB1HGA	15M	HW-8/3W	18	5	270
MI	K8IF	80-10M	Argonaut/Reduced to 900mW	491	51	125,205
	WD8MCN	80-15M	Argonaut/5W	212	36	22,896
	WD8MFP	40-15M	Argonaut/5W	137	33	13,563
	K8KIR	80-40M	Century 21/25W	89	20	3,560
	KA8DFJ	80&15M	HW-8/3W (NOVICE)	16	16	384
MIN	KØUBA	20-15M	Argonaut/5W	77	24	5,544
	WAØRLY	80-20M	TenTec PM-1/1W, solar charged Bat.	35	11	1,155
IS	WA5MUE	20-15M	HW-7/2W	47	15	2,145
IO	WBØWIW	80-15M	SB-104/Reduced to 2W	279	57	48,546
IE	W3FLA/Ø	40-10M	??? 6DQ6B final/20W/TenTec xx/18W	220	48	21,120
IH	K1VV/1	80-10M	Yaesu FT-7/20W	196	44	17,048
IJ	→ KA2EGO	80-10M	Argonaut/5W (NOVICE)	118	30	10,620
	WB2REI	40M	TenTec MR-1/3W	44	11	1,452
	WB2ONA/2	80&15M	HW-8/3W	14	5	210
IM	W5QVZ	40-10M	Argonaut/3W	114	44	19,008

RESULTS OF OCTOBER 1979
QRP CONTEST

STATE/ PROV.	CALL SIGN	BANDS USED	RIG DETAILS/POWER	POINTS	S-P-C	TOTAL
NY	K2GBH	160-10M	FT101E, Roadtalker 40/3W, 5w	495	89	132,165
	W2EZ	80-15M	DX60/9W	356	63	33,642
	W2NRD	80-15M	HW-8/3W	182	45	24,570
	WA2LZZ	40-10M	Argonaut/5W	74	15	3,330
NC	WD4LOO	80-15M	HW-8/3W	54	17	2,454
OH	W8MGF	80-10M	Argonaut/5W	238	47	33,558
	W8PCS	80-10M	Argonaut/5W	192	47	27,072
	S. Martin	40M	INTL XTAL PAX-1/250MW	193	11	3,465
	W8EAO	40-20M	SB-400/85W	84	27	3,402
	WB8BHU	15M	HW-8/2.5W	26	7	546
	WD8OJC	40-20M	Argonaut/5W	13	6	234
OR	K7LNS	20M	Ranger II/20W	38	11	836
PA	WB3JUK	40-10M	Argonaut/5W	278	51	43,056
	W3CEI	40-10M	Homebrew, Century 21/2W, 55W	89	22	4,950
SC	WA4TNI	80-15M	HW-16/55W	125	27	5,062.5
TX	K5IGA	40-10M	Argonaut/4W	379	82	93,234
	WB3BEL/5	40-10M	Argonaut/5W	151	30	13,590
UT	N7ARE	20-10M	Argonaut/5W	344	53	54,696
	K6EIL/7	20-10M	Century 21/ Reduced to 5W	141	26	10,998
VA	K4KBL	20-10M	Argonaut/5W (SSB phone only)	503	106	159,954
	W4VP	40-15M	Century 21/50W	204	50	15,300
	W4KMS	40-15M	HW-8/3W	90	34	9,180
	N4APK	80-20M	FT101B/Reduced to 4-5W	82	21	5,166
	N4GR	40-15M	Argonaut/5W	54	11	1,782
WV	WA8CNN	80-10M	Century 21/50W	360	76	41,340
	W8HZA	80-15M	HW-8/3W	232	49	34,104
WI	K9PNG/9	80-15M	Argonaut/5W	190	48	27,360
	N9JW	80-10M	Argonaut/5W	82	23	5,658
	WB9LKC	80-20M	Argonaut/4W	55	12	1,980
	K9GDF	20-10M	???/90W	24	10	360
	AE9G	40-20M	HW-8/3w	11	4	132
WY	W7TO	20M	???/20W (Check Log)	17	6	204
CANADA						
BC	VE7CKF	80-10M	Argonaut/4W	283	38	32,262
NS	VE1BQQ	80-15M	HW-8/3W	136	33	13,266
ONT	VE3BQL	80-10M	Argonaut/5W	265	59	46,905
	VE3KZ	80-15M	???S-line, 6CL6 final/1W	278	63	17,514
PEI	VE1ABU	40-15M	HW-8/3W	34	11	1,122
CANARY ISLAND						
	EA8MO	20-15M	FT-7/20W	34	10	680
JAPAN						
	JA2BP	15M	???-6146 final/20W	22	8	352
PUERTO RICO						
	KP4DJ	15-10M	Argonaut/5W	187	29	16,269
PANAMA						
	HP1XAT	20-10M	HW-8/3W	48	12	1,728

Overall Winner and 1st place USA, N4BP with a score of 186,816

* Total entries 95 *

2nd place, K4KBL with a score of 159,954

3rd place, K2GBH with a score of 132,165

Low Power, K8IF- 900MW, score of 125,205

NOVICE high score - **KAZEGO**

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