

## Introduction to the **2006 ARRL Periodicals CD**

This *2006 ARRL Periodicals CD* contains every page of every 2006 issue of *QST*, *QEX* and *NCJ* (*National Contest Journal*) magazines. In addition, it includes folders that contain additional information such as printed-circuit board layout drawings, parts lists, source code for some software projects. Also included are 2006 Section News, Contest Soapbox and Results.

In this introduction you will find tips on how to use this CD-ROM and listings of additional included files: software and files **from QST**, and software and files **from QEX**.

Included in the Contest Results and Soapbox sections is additional information about contests that were reported in 2006 issues of *QST*. This supplemental information, published on the **ARRL Web site**, includes contest line scores and Soapbox.

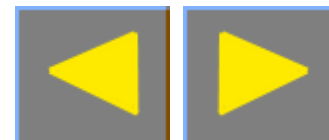
The Section News area of this CD-ROM includes monthly highlights provided by Section Managers throughout the year. These highlights are published on the ARRL Web site and emailed to members who have signed up to receive news and information from their Division Director or Section Manager. (Members may sign up for this service via the Member Data Page on the Members Only Web site.) Note that all sections do not publish Section News reports every month.




## Using this CD-ROM

This CD-ROM is viewed using Adobe's *Adobe Reader* software, version 7.0. The software (both Windows and Macintosh versions) is included on the CD-ROM, and installed the first time you use the CD. For more details, see the README file on the CD-ROM.

The version of *Adobe Reader* used with this CD-ROM includes search capability, which allows rapid full-text search of the entire book. This functions as an instant index for every issue and word in the collection. We strongly recommend that you take a few minutes to view the on-line documentation available from *Adobe Reader's* Help menu.



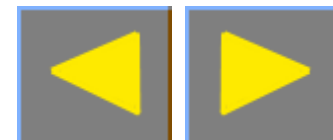
## Full-Text Searching

The on-screen icons, or buttons, associated with full-text search are located in the “Files” toolbar. If you don’t see the Search toolbar button  Search in your toolbars, use the **View** menu’s **Toolbar** selection to enable the file toolbar. Or you can use the **Edit** menu’s **Search** command instead of the toolbar.

Click on the button to open the Search pane on the right side of the *Adobe Reader* window. Make sure that the “in the index named Index.pdx” option is selected, and also check the “Whole words only” option. Now, type in the word “rover” and then either press the **Enter** key or click on the **Search** button. The program will search for a while for all instances of the word “rover” and will present you with a list of all of the occurrences of “rover” on the Periodicals CD. You can browse through this list to see which occurrence(s) look like what you want to find.

You can use the **Hide** button to hide the search results while you are reading the text, then click the **Search** button again to redisplay the search box.

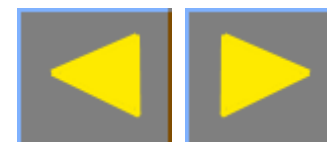
The **Edit|Preferences** menu item lets you set **Search** preferences that control how the search system works.



Now, click the **New** Search button, uncheck the “Whole words only” checkbox and redo the search. In the search results, under “2006 ARRL Periodicals – Contests”, note that the search has found not only the occurrences of “rover,” but also the occurrences of “RoverMania.” This is because variations on the root word “rover” have been found. Again, if you wish to limit the search to exact matches for “rover,” uncheck the “Whole words only” checkbox and redo your search.

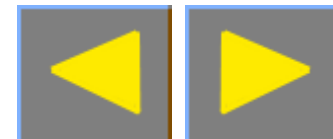
Another way to limit a search is to specify more than one word. For example, if you specify “rover mobile” for the full-text search, the number of occurrences will be much smaller than for just “rover” alone.

Consult the on-line help included with *Adobe Reader* for more information about how to search.

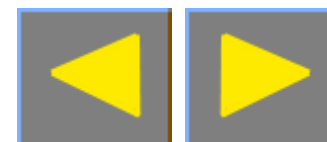


## QST Files

Month	Folder	Description
January	Baker0106.zip	VocalMaster speech proc.
January	vanMaanen0106.pdf	VOACAP Analysis (4MB)
January	Baumeister0206.zip	Morse Code Telemetry (42 MB)
March	Feedback0306.zip	Schrader (0106) and TC (1105) Corrections
April	Arc Detector Details.pdf	PC Board and Modifications
May	Shimazu0506.zip	Autobug Keyer PCB
Aug	Bloom0806.zip	VHF/UHF Propgagation
Sep	Okas0906.zip	FCC-1 Frequency Counter. PCB and firmware
Sep	Widelitz0906.pdf	Sample Sweepstakes LogReport
Oct	Field Day Audio 2006.mp3	2006 Field Day Audio Recorded from ICOM R-1500 Product Review

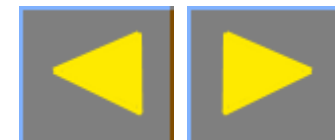


Month	Folder	Description
Nov	Gradijan1106.zip	Command and Control—Talk to Your Radio and It May Talk Back
Nov	Restoration.zip	Restoration, an application to recover deleted files. Described in “Eclectic Technology” by Steve Ford, WB8IMY (167 kB)
Nov	Nt0z.pdf	World Above 50 MHz; Resources for VHF+ Propagation Modes
Nov	K1jx.pdf	World Above 50 MHz; Resources for VHF+ Propagation Modes
Nov	Clunn1106.zip	Construction details for Antenna Impedance Meter for HF

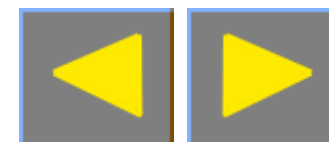


## QEX Files

Month	Folder	Description
Jan/Feb	1x06Evans.zip	Circuit files for <i>PSpice</i> analysis (1.38 MB)
Jan/Feb	1x06_Harman_Ireland.zip	Two Images of the Harmanized R4C Receiver (1.58 MB)
Jan/Feb	1x06_AO.zip	<i>EZNEC</i> files for antennas modeled in the Antenna Options column. (1.46 kB)
Mar/Apr	3x06_Cebik.zip	<i>EZNEC</i> files for antennas modeled in the Antenna Options column. (1 kB)
Mar/Apr	3x06Rynone.zip	<i>WINDLOD.EXE</i> and <i>DOC</i> file for An Analysis of Stress in Guy-Wire Systems (55.5 kB)
Mar/Apr	3x06Koehler.zip	Controller software source code for “An L-Q Meter.” (23 kB)
May/June	5x06_AO.zip	<i>EZNEC</i> files for antennas modeled in the Antenna Options column. This column looks at the bandwidth of several Yagi and quad antenna designs. (3.77 kB)
May/June	5X06_Zimmerman.zip	<i>EZNEC</i> antenna model file for Uniform Current Loop Radiators. (0.5 kB)

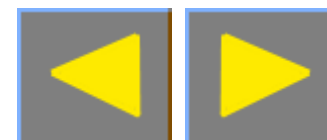


Month	Folder	Description
May/June	5x06Gradijan.zip	<i>Talking Logbook with Rig Control</i> software. This is the software installation file. (1.8 MB)
July/Aug	7x06_AO.zip	EZNEC files for antennas modeled in the Antenna Options column. This column looks at various vertical dipole arrays. (5 kB)
July/Aug	7x06_Wright.zip	Octave executable model files for “Octave for System Modeling.” Also included are Tables 2 and 3 from the article, with code snippets for other model variations discussed in the text. (2.95 kB)
July/Aug	7x06_Steber.zip	Software files for “I-V Curve Tracing with a PC” and companion July 2006 QST article. (114 kB)
Sep/Oct	9x06_AO.zip	<i>EZNEC</i> files for antennas modeled in the Antenna Options column. This column looks at various horizontal dipole arrays. (5 kB)
Sep/Oct	9x06_Audet.zip	<i>MathCAD</i> files associated with “Q Calculations of L-C Circuits and Transmission Lines: A Unified Approach.” The Microsoft <i>Excel</i> file “Calc_seriesRLC.xls is also included.





Month	Folder	Description
Nov/Dec	11x06_AO.zip	EZNEC files for antennas modeled in the Antenna Options column.
Nov/Dec	11x06Gradijan.zip	Various program source code files associated with “Command and Control: Talk to Your Radio and Your Radio May Talk Back”



## ARRL Products

Other ARRL CD-ROM products are available, including periodicals CD-ROMs from 1995 onward and CD-ROM collections of:

*QST*

*QEX*

*NCJ*

*Ham Radio* magazine

*Communications Quarterly*

Books on CD-ROM include *The ARRL Handbook* and *The ARRL Antenna Book*.

For more information, visit the ARRL Web site at:

<http://www.arrl.org/shop/>

