FEATURES:

Broadcast:
- A Logical Future for Shortwave
- Argentina: Radio with a Past
- BBC Atlantic Relay Station
- Brazilian Voices on SW
- Eq. Guinea: History & Mystery
- Independent SW BC in Canada-I
- Kol Israel: Changing Strategy
- Mediumwave Mini-DXpeditions
- "Miraculous" Reception? (MW)
- OKK: The Radio Aftermath
- Radio in Botswana
- Shortwave in Latin America
- Shortwave History in S. Africa
- Swiss Radio International
- The Shutter's Mir-acle Mission
- VOA's Moroccan Relay

Human Interest:
- Bletchley Park, WWII code-breakers
- Hooked on Scanning
- Joe Adamov: 53 Yrs at the Mike
- Leroy Schum: Homefront Hero
- Scanning Investigator
- Sixty Minutes in Cairo
- Victor Goonetilleke - DXer
- When Rescue Fails

Miscellaneous:
- FEMA's Multiple Radio Vans
- GMDS: Safety at Sea
- Grove Expo, Vol VI
- Low-Power AM Transmitters
- Preparing for the Worst
- Russians in the Savannah
- The FBIS is Listening
- The Internet via Radio
- The Shuttle's Mir-acle Mission
- To ID or Not ID?

Scanning:
- Air Boss: Control Tower on Wheels
- Cruising the VHF Marine Band
- Edison, NJ, Gas Explosion
- Emergency 9-1-1
- 15 Mistakes in Buying a Scanner
- Informed Scanning
- Project 25: Scanner Lockout?
- Scanning at the Airport
- Scanning Beautiful Bermuda
- Scanner Collecting Primer
- Scanning Kilauea
- Shadowing Houston's Traffic
- Trunking: Listeners Keep Pace Oct
- Trunked Scanning Laws
- Try Searching

Technology and Technical:
- Antenna Grounds
- Antenna Location: Fact & Fiction
- Backbone in Your Dipole
- Earthquake Monitoring (EMF sensor)
- Elements of Antennas Selection
- Exorcising Computer RFI
- FM-10 Review
- FM Kit / ICOM R71 remote system
- Man v. Static

Modern Receivers: How we got here
- Propagation Modes
- Utilities:
  - GHFS: MacDill AFB
  - Greenpeace High Seas Drama
  - MT Goes Inside NORAD
  - Sailing Through the Ham Bands
  - SAREX: Astronauts on ham radio

AMERICAN BANDSCAN
- JAN Listen in on Remote Broadcasts
- FEB Landing that Wallpaper (QSLing)
- MAR Books for Domestic DXer
- APR Time Tips for DXing; Expanded
- MAY Band Broadcasters
- JUN Es Skip Time!
- JUL International DX - on AM?
- AUG Who was on first?
- SEP Tower-Hunting Tips
- OCT Mobile Dxing
- NOV Recording Your DX
- DEC DX Tests - what, why, and when?

ANTENNA TOPICS
- JAN Bilial Isotran resonant circuit
- FEB Choosing a Feedline
- MAR Selecting an Antenna - 1 (antenna characteristics); antenna tech certification
- APR Selecting an Antenna - 2 (bandwidth, tuners, received noise vs.signal)
- MAY Selecting an Antenna - 3 (right antenna for the job)
- JUN Grounds: Real, Substitute, Artificial
- JUL Using wire radial to improve hand-held reception; Lew McCoy book review
- AUG Utilizing Familiar Objects as antennas; Baluns and Ununs book review
- SEP Diversity Reception; A limp radial quarterwave antenna
- OCT Easy-Up Antennas
- NOV AEA IsoLoop
- DEC Survey of Loop Antenna Types

BEGINNER'S CORNER
- JAN Hi-Tech Learning Tools
- FEB Computer Shows
- MAR Parts Procurement
- APR Scanner Books
- MAY Volunteer Testing
- JUN Monitoring Skills
- JUL Last Chance QSLs
- AUG Ham Awards and Contests
- SEP Battery Operation
- OCT Radio Hobby Not Dead
- NOV My Alaskan Adventure
- DEC Mobilizing Mobile Mobility

BELOW 500 kHz
- JAN You Tell Us: listeners letters
- FEB AWOS Stations; Homespun Loop Revisited
- MAR Survey; Wintertime DX; ELF grows trees; Tesla books, GBZ tower
- APR Beacon Troubleshooting; Fix for WR-3; using varicaps
- MAY Who's on the Band?
- JUN Name That Sound; Navtex
- JUL Summer Strategy
- AUG Survey Results; loggings; Mac map function; W7FG Vintage Manuals
- SEP GPS Meets Longwave; unique beacons; tube intercom as beacon; seismic sources; new beacons
- OCT Trip to Newington (ARRL)
- NOV LF Engineering L-400B Antenna; Longwave in the Pacific
- DEC A Visit to "Old CC"

BOB'S TIP OF THE MONTH
- JAN PRO-51 modified again; Hold for RS Freq Ctr; Better Knobs for BC200XL
- FEB Realistic Antenna Battery Saver; MR8100 Cell Mod
- MAR SW Reception on Scanner Antenna
- APR Upside Down Antennas
- MAY PRO-2035 knob fix; Sony 2010 test
- JUN Cellular Image Reception
- JUL Cable and Adaptor Losses
- AUG Increase IF level on R7000/71000
- SEP DX390 and 440 Tuning Improvements
- OCT Full coverage on AR8000, PRO-46
- NOV Reducing Scanner Internmod
- DEC Zap-proof your receiver from external antennas

CLOSING COMMENTS
- JAN Where are the Trunk-Tracking Scanners?
- FEB One More Anti-Monitoring Law
- MAR Bits and Pieces
- APR Passing of the Clubs
- MAY Is the FCC abandoning us?
- JUN Freedom from the Press
- JUL Musings re Tom Kneitel retirement
- AUG Internet Phone; Successor to Ham Radio
- SEP A Look Back in Time (good old days weren't necessarily better)
- OCT Film Flam Audio
- NOV Is the FCC Worth Saving?
- DEC Holiday Greetings

COMPUTERS & RADIO
- JAN PC FM Radio Card
- FEB Grove FCC Database
- MAR Bus Mouse Installation
- APR Optical Scanning
- MAY ScanCat Gold
- JUN Radio vs. the Internet
- JUL Copycat Pro; Hoka Code 3
- AUG Scan Manager Pro
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<td>Cicc-“IT” classifieds</td>
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<td>Code Red 900 number</td>
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<td>Design EQ BankPac cards</td>
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<td>Dir of Elec Surveillance Equip Sup</td>
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<td>FAR Scholarships</td>
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<td>Geo Jacobs Roboscan 2000 Aug</td>
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<td>Wavetek digital multimeters</td>
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**Reviews:**

- Alpha-Delta DX-Ultra: Jun
- AOR SDU5000 Spectrum Display: May
- CTP DS-49 Descrambler: Sep
- Free Radio Berkeley transmitter kit: Jun
- Grove TUN-5: Oct
- JPS ANC-4 Antenna Noise Canceller: Aug

**Software, Videos, Services, etc.:**

- Adaptive Sys WAVE (Mac control) | Nov   |
- ARRL Electronic Repeater Directory | Dec   |
- ARRL Radio Designer (soft) | Sep   |
- AT&T Language Line | Dec   |
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