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JAN WWYZ-FM 92.5 Connecticut
 FEB DXer Mika Palo, Helsinki, Finland
 MAR Moody Broadcasting Network; Bose
 "Wave" Radio
 APRIL WOJB-FM 89, Wisconsin
 MAY The Summer Sporadic-E

Season

JUNE Duopolies and DXing
 JULY TROPO Brings in TV & FM DX
 AUG Low Power TV Stations
 SEP WOW, Omaha
 OCT Winterizing
 NOV Notch filters for good DX
 DEC Shopping for DX Receiver

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JAN The Earth's Effects on Antenna Performance
 FEB The Half-Rhombic
 MAR Radio Noise—Debunking Antenna Resonance and Making the Real McCoy
 APRIL More Effects of the Earth on Antenna Performance
 MAY The T2FD Antenna
 JUNE Antenna Baluns
 JULY The VHF/UHF Beam Traveler's Beam
 AUG The "Big J" HF Antenna
 SEP How High and Why?
 OCT Groundplane Antennas
 NOV Radio Direction Finding
 DEC Antenna/Receiver Switching

BEGINNER'S CORNER

JAN QSLing the Hard Ones
 FEB Reading RTTY
 MAR Getting Your Equipment Repaired
 APRIL Beginner's Books
 MAY Mailbag
 JUNE Summer Shortwave Alternatives
 JULY Local Notions
 AUG Uncle Skip's Guide to Monitoring
 SEP Reporting signal quality (SINPO)
 OCT Kit Building
 NOV Protecting equipment from theft
 DEC Guide to Measurements

BELOW 500 kHz

JAN Document Your DX
 FEB Readers Letters
 MAR Hunting for Lowfers
 APRIL IF Shift
 MAY Below 100 kHz—the subbasement
 JUNE Summertime Strategy, OMEGA update
 JULY Tune Into NAVTEX

AUG DXing Massachusetts
 SEP Books, catalogs, equip
 OCT Direction Finding
 NOV How Low Will It Go? -Rcvr
 Specs; Navtex; Beyond Basics -
 Omega
 DEC Tips & Techniques; FAA
 Beacon Specs

BOB'S TIP OF THE MONTH

JAN Help for Electric Fence
 Interference,
 Ducting Detecting
 FEB Yaesu FRG8800 Display
 Correction
 MAR SW Antenna Base
 APRIL Drake SW-8 Battery Fix;
 ICOM R72
 Clock Fix
 MAY Realistic® PRO-2030 Cell
 Restoration
 JUNE Realistic® PRO-2032
 Modifications
 JULY Mobile Shortwave Antenna
 Noise
 AUG Realistic PRO-2026 Memory
 Backup
 SEP Ford Taurus Interference;
 Regency 4030 Lockup
 OCT AR 1500 Look-up Chart
 NOV Cellular restoration on late-
 model BC855XLT
 DEC New PRO-51 Cellular Mod

CLOSING COMMENTS

JAN FCC Punishes Ham (Chris
 Boyer) for Rescue Call
 FEB Canadian Scanner Bans
 Looms; US Rewrites the
 Communications Act
 MAR In the Public Interest; PSA as
 "Broadcaster"
 APR April 26th: The Deadline is
 Here
 MAY Restructuring the Spectrum
 JUNE Computer BBSs: The New CB
 JULY Objective Review or Self-
 Promotion?
 AUG MT Convention: 5 Year
 Milestone
 SEP Scanner Restrictions Get
 Worse
 OCT What Can I Legally Listen To?
 NOV Signaling Our Punches in
 Haiti
 DEC MT/Grove Staff Holiday
 Greetings

COMPUTERS & RADIO

JAN FAXCAP
 FEB Database Programs on a
 Budget

MAR World of Ham Radio CD
 ROM; SCANCAT Version 5.0;
 New SCANPRO Teaser
 APRIL Comparing Six Propagation
 Progs
 MAY Lowe's Multiscan 1.81; RFI
 help
 JUNE SWBC Interval Signals v1.2;
 HP Dash-board; World 29 v2.97
 JULY Any Port in a Storm
 AUG BUSing Mice, PAKing Ratts &
 COPYING CATS
 SEP AEA PC Pakratt
 OCT HOKA 30
 NOV HOKA Code 3 and 30 vs
 PK232
 DEC SWL Manager, CD-ROMS
 PLUS

DEMAW'S WORKBENCH

JAN Add a BFO to Your SW Radio
 FEB Inexpensive Ground-Plane
 Vertical
 MAR How to Cut Antenna Material
 Costs
 APRIL Broadband Sloping-V
 Antenna
 MAY Effective Earth/Radio
 Grounds
 JUNE Components: How To Find
 Them
 JULY Microphone Impedance &
 Amplification
 AUG Soldering Techniques
 SEP Kit Building
 OCT Dip Meters
 NOV External Antenna Coupling
 DEC Low Cost Power Supplies

DIGITAL DIGEST

JAN Decoding SITOR
 APRIL FAX
 JULY Monitoring the French Military
 OCT Decoding ACARS

EXPERIMENTER'S WORKSHOP

JAN Build a Solid-State Audio
 Recorder
 and Playback Circuit
 FEB Hot Glue Tips and Pin-Line
 Sockets
 MAR DC Power Supplies for
 Experimenters and Hobbyists
 APRIL RF Voltage Probe; Fast
 Charge Nicd and NiMH Batteries
 MAY R-7100 Speedup, Homebrew
 Signal Generator
 JUNE Heavy Duty Regulated Power
 Supply for CB & Ham Radio
 JULY How to Prepare & Install
 Modification Circuits
 AUG Things to Come & How to Get

Ready
 SEP Digital Logic Simplified
 OCT Status Indicator/Logic Probe
 NOV Low Pass Filter for CTCSS
 Detection
 DEC Pulse Stretcher Circuit

FEDERAL FILE

JAN The Best Equipment
 FEB Mobile Monitoring, FAA
 Frequencies
 MAR Top 125 Military SW Freqs;
 Dept of Justice Freqs
 APRIL Federal Monitoring in the 90's;
 DEA, FL Joint Task Force, FBI,
 Border Patrol freqs
 MAY The Spectrum Analyzer; US
 Postal Svce and Department of
 State Security freqs
 JUNE Monitoring a Presidential Visit;
 Dept. of Labor Freqs; Mode
 Allocations
 JULY Changes at KKN stations;
 Body Bugs
 AUG Strange Sounds on the
 Federal Channels; surveillance
 kits; Center for Disease Control;
 wildlife tracking
 SEP National Park Service
 OCT KKN Stations - Gone? (Miami
 Complex)
 NOV Strange Events in the Deserts
 (Groom Lake); World Cup
 Security; BLM-Boise Interagency
 Fire Center; US Attny
 DEC Federal Trunking; Salt Lake
 City freqs; Fed Surveillance
 (bug) freqs

HIGH SEAS

JAN Back to Basics
 MAR Florida Licensees on 4125
 kHz
 MAY Cruiseline News and freqs;
 Norfolk fax broadcast freqs
 JULY Weather Facsimile
 Broadcasts
 SEP Time Stations and Navigation
 NOV Missing at Sea (Caribbean
 search)

MAGNE TESTS

*Caveat: Reprints of Magne Test reviews
 are not available.*

JAN Sangean ATS 202
 FEB Realistic® DX-375
 Yaesu FRG100 Improvements and
 optional keypad
 MAR Grundig Yacht Boy 500
 MAY External Antenna for SW
 Listening; Another Keypad for
 the Yaesu FRG-100

JUNE Sony ICF-SW100 Pocket Radio
 JULY MFJ-8100 Shortwave Radio; Better, Cheaper Keypad for Yaesu FRG-100
 AUG Drake SW8 Portatop Receiver
 SEP Sony SW7600G; W-J Update
 OCT ComFocus SoftWave receive
 NOV Bolong HS-490
 DEC JPS Digital Signal Processors

ON THE HAM BANDS

JAN Audio Aids
 FEB What Frequencies Can Hams Use?
 MAR Something Different From Different Locations
 APRIL More Fun Radio Activities
 MAY The W8JK Antenna
 JUNE Building Your Own Rig; Buckmaster Hamcall CD
 JULY Good Reading
 AUG Building Your First Station
 SEP Log-EQF Software
 OCT Organizers; 160 Meters (antenna)
 NOV Six Meters; Ramsey FX-50 6m kit
 DEC Christmas Books and Bargains

OUTER LIMITS

JAN Clandestine Information Sources, Ernest Zundel and Voice of Freedom, Bay Area Pirates, Equipment
 FEB La Voz Popular Schedule, Cuban Clandestines on WRMI, Radio Patria Libre, News Items
 MAR CCN Closes Down; Kurdish Logs; Radio Pirana; Voice of Peace; Radio Free Venice; Pirate News
 APRIL Brother Stair Responds to FCC Bust; La Voz Popular, Pirate QSLs
 MAY FCC Visits WPIG Studios, WRMI, Radio Pretoria, Radio Pirana QSL
 JUNE FCC Gives Subpoena Powers to Itself; Radio USA Fine Upheld; Weiner/Fury update; Pirate Radio Insanity
 JULY 7385 kHz Getting Popular; Power Radio Busted; Pirate News; New FCC Gadgets; Correction; What We Are Hearing
 AUG Ex-Alpha 66 Cuban Rebels Arrested; Radio Patria Libre; Howard Stern Jammed; KIWI Active Again; New FCC DF

Cars; Pirate Pages Returns; What We Are Hearing
 SEP La Voz del CID; Stern Jamming; Haiti Clandestine; Errata; KIWI address
 OCT RFPI Chases Pirates off 7385; KIWI Still Active; Radio Tornado
 NOV PR Anti-Castro Clan Busted; New FCC Chief; Radio Democracy; Taiwan Pirates; French Pirates; QSL Controversy
 DEC Pirates Scatter; Finland Busts; Radio Democracy

PLANE TALK

FEB ARINC
 APRIL Accessorize Your Aero Monitoring
 JUNE How to Get More Out of Listening to HF Aero Comms
 AUG Getting to Know Denver Int'l
 OCT Central East Pacific Freqs
 DEC "Lofty" Lingo (VFR/IFR); Radar Separation; Minn/St. Paul freqs; company freqs

PROGRAM SPOTLIGHT

MAR Travel and Tourism
 JUNE Tuning in on World Business
 SEP Science and Technology
 DEC And Now the News

RADIO REFLECTIONS

FEB Phoenix Pioneer Stations KOY/KTAR
 APRIL Beginner's Guide to Vintage Radio
 MAY Making Your Own Radio Parts
 AUG McMurdo Silver - a Radio Enigma
 NOV 1941 Hallicrafters Super Skyrider, SX-28

SATELLITE TV

JAN Getting Better Audio From Your Satellite Receiver
 FEB A Used TVRO Primer
 MAR TVRO News Update
 APRIL DBS ERA
 MAY Satellite Broadcasting Guide
 JUNE NASA, WXSATs, AMSATs, Teletext...
 JULY Build Your Own Satellite TV System
 AUG Satellite TV Comes of Age
 SEP SCOLA/WRN Going Digital?; Satellite Radio Guide; AMSAT How to Use Amateur Radio Satellites; DBS Update

OCT Solar Outages
 NOV The 500 Channel Myth
 DEC Audio Broadcasting by Satellite

SCANNER EQUIPMENT

JAN Realistic® PRO-2030 and PRO-2032
 FEB Tips for Your New Scanner
 MAR Realistic® PRO-2027 w/cell mod inst
 APRIL AOR AR1500 Handheld Scanner
 MAY Realistic® PRO-51
 JUNE AOR AR3000A Scanner
 JULY Realistic PRO-23 Handheld Scanner
 AUG DSP: The Wave of the Future?
 SEP AOR AR8000
 OCT Realistic® PRO-2035
 NOV Digitech Loop Recorder
 DEC Austin Ferret VHF/UHF Antenna

SCANNING REPORT

JAN Preventative Maintenance for Your Shack
 FEB Protecting Your Privacy
 MAR Scanning the Forbidden Freqs—Phones
 APRIL Scanning with CTCSS
 MAY Homemade Scanning Antennas
 JUNE Vacation Tips
 JULY Scanning the Races
 AUG Public Service Monitoring
 SEP Winterizing; Cellular band plan
 OCT Finding Frequencies
 NOV Scanning Gifts; Cordless 900 Caller ID
 DEC Scanning the Rails; Capitol Monitoring; SCA

Frequency Exchange (in state order)
 Please DO NOT request reprints; not available

<u>City/State</u>	<u>Issue</u>
Fast Food Freqs	Nov
Major League Baseball	June
Bermuda	July
Blue Angels	July
900 Cordless Freq	Aug
Birmingham, AL	March
Greenville, AL	March
Little Rock, AR	March
Phoenix, AZ	Dec
Bakersfield, CA	Feb
Benicia, CA	Nov
Capistrano, CA	Jan

Los Angeles, CA	Feb
Los Angeles, CA	Aug
Milpitas, CA	Jan
Ojai, CA	July
Sacramento, CA	June
Sacramento, CA	Oct
Santa Barbara, CA	Aug
San Bernardino, CA	Oct
Montagnes, QB,CN	Jan
Montreal, QB, CN	Sep
Colorado Sprs, CO	May
Colorado Sprs, CO	Sep
Colorado Sprgs, CO	Oct
Denver, CO	June
Connecticut	Oct
Westport, CT	March
Fairfield County, CT	Aug
Mildord, CT	Dec
Brandon, FL	June
Orlando, FL	Sep
Orlando, FL	Dec
Punta Gorda, FL	Sep
Walt Disney World, FL (new)	Nov
Atlanta, GA	May
Atlanta, GA	Sep
Carrollton, GA	April
Idaho Falls, ID	Dec
Statesville, IL	Jan
Marion Co, IN	May
Kansas City, KS	Dec
Wichita, KS	Jan
Boston, MA, Fire	Dec
Lynn, MA	April
Baltimore, MD	Sep
Pittsfield, ME	April
Livonia, MI	May
University of Minn	July
NC Highway Patrol	May
Fayetteville, NC	June
Sanford, NC	Sep
Wilmington, NC	July
New Hampshire	Dec
New Jersey Turnpike	Oct
Amityville, NY	Nov
Brome County, NY	July
New York City, NY	Feb
New York City, NY	March
New York City Fire	Dec
Suffolk / Nassau Co, NY	Nov
Syracuse, NY	Oct
Yaphank, NY	Aug
Cleveland, OH	May
Cleveland, OH	Aug
Clackamas Co, OR	Feb
Indiana, PA	Oct
Lackawanna, PA	April
Williamsport, PA	Oct
Sulfur Springs, TX	Jan
Carswell, TX	Aug
Luzerne County,PA	Jan
Charleston, SC	May
Corpus Christi, TX	March

Houston, TX	March
Salt Lake City, UT	April
Seattle, WA	Feb
Vancouver, WA	June
Milwaukee, WI	April
Bluefield, WV	July

UTILITY WORLD

JAN	US Navy's Alligator Playground; Foxes and 10 Count RTTY Transmissions
FEB	QSLing MARS
MAR	LA Earthquake; Korea Crisis Monitoring;New FAA Freqs; Bayonne Global Station
APRIL	Why Listen To Utilities; Cuban freqs; Navy MARS freqs; Spanish numbers
MAY	A Visit with the Russian Navy including frequencies
JUNE	NORAD; Coast Guard news; VOLANT identified
JULY	North Korea crisis deepens; Bosnia war update; HOS details revealed; Japanese UTE Club
AUG	Wishing Upon a Mystic Star
SEP	Monitoring Bosnian Conflict
OCT	Who is Nightwatch?; Military Ops Around the World; Recommended Books
NOV	Haiti Occupation; Where are Russian comms?; Russian Naval Freq Change, KFS Update
DEC	USAF Global HF System

WHAT'S NEW

Books:

A Passion for Radio	Jan
Amateur Radio Class	Oct
Amateur Radio Resource Directory	Aug
ARRL Antenna Book, 17th	Sep
Backwoods Solar Electric Systems	June
Beginner's Hdbk of Amateur Radio	Feb
Beginner's Guide to Shortwave	Aug
Beyond Police Call	June
BEX Electronics	Aug
Build Your Own SW Antenna	Sep
C Crane Catalog	Aug
CAN-DO Video Series	Dec
CB 101 (video)	Dec
Clandestine Survey	Sep
Commonsense Medicine and Emergency Companion	Feb
Communications Receivers	May
Communications Technology Update	Nov
County Scanner Talk	Feb
Course in Shortwave Listening	Aug

Covert Catalog	Aug
Crystal Set Handbook	Sep
DXpedition Handbook	Sep
DX Propagation for Beginners	Nov
Electronic Gateway	Sep
Fisher Newsletter	Aug
FM Atlas 15th Ed	April
FMedia!	Oct
Frequency Almanac	Aug
General Class License Book	Dec
Guide to Fax Stations (incomplete)	Oct
Ham-ROM	July
Helping Ham	July
Hidden Ham Antennas	Oct
History of Int'l Broadcasting	Oct
Incredible Audio and Video Projects	April
IBS White Papers (SW-8)	Nov
Intercepting Numbers Stations	April
ISWAC Monitoring Awards	Oct
Kenwood R5000 Handbook	Feb
Klingenfuss' Guide to Utilities	1994 Feb
Logmaster II (software)	Nov
Low Band DXing	June
Listening In	Aug
Mapzation! (software)	Dec
Master Frequency File	Jan
Metro Concepts Scanner Book	May
Military Monitoring	July
Missing Pieces	Jan
Monitoring the Yugoslav Conflict	April
Mountain Sales (fire tapes)	Oct
National Sports & Recreation Freq Directory	Dec
NatScan/NESN Merger	Oct
North Carolina Scanner Freq Dir	May
Ohio Scanner Freq Directory	May
Official Connecticut Scanner Guide	March
Official New England Scanner Guide	Aug
Outer Space Freq Directory	May
Packet Power	March
Passport, 11th Edition	Sep
Patches, We Depend On You	July
Phone Pirates	Feb
Pirate Radio Directory	July
Pocket Frequency Guide	Aug
Police Call Radio Guide	1994 Jan
Pop Went the Pirates	June
Power Up!	March
Practical Antenna Handbook	Aug
Quebec Scanner Guide	Aug
QST Magazine	Aug
Radio After Dark (tape)	Nov
Radio Amateurs Guide to the Ionosphere	April
Radio Mgr for Windows (Saladino)	

software)	Oct
Radio Stuyvesant (CD)	Dec
Radio Tech Mod Books 6A & 6B	Feb
Rhode Island Scanner Guide	May
Ridgecrest/China Lake Scanner Book	Dec
Satellite Times	Sep
Scanner Radio Listings: Ohio	Dec
Scanning New Hampshire	Nov
Scannerist's Street Guide	Jan
Shortwave Listeners Handbook	March
Shortwave Listening Guidebook	June
Shortwave Listener's Q&A Book	Aug
Space Satellite Handbook	May
Sportcat Frequency Guide	Aug
Transmitter Documentation Project	Dec
Tropical Bands Survey	Aug
Tuning In To RF Scanning	Aug
TV E-Skip Maps	Oct
US Repeater Mapbook	May
Utility Database	July
VHF/UHF Frequency Flood	Aug
W1FB's Help for New Hams	Oct
World Calendar	June
World Radio TV Handbook 1994	March
WRTH Maps	May
Worldwide Aeronautical Communications Frequency Directory	Sep
Wreck Chasing	Jan

Equipment:

ACE TSR2400 Scanner	May
Ameritron ALS500M amplifier	Dec
Antenna Booster/Preselector	Aug
Antlers for Windows	July
ATI Lightning Charger	June
Circuit Works Quick-Bond Kit	Feb
Classic Clock	Sep
Comm Spec Video Modem	Sep
CopyCode 2.0-Sensible Software	April
Deaign EQ Scanner Cases	Oct
DX Daily Phone Service	May
FBenterprises Freqs Maps	March
G&G used scanner list	Nov
GRE/ICOM package (Grove)	Dec
Grove Filters	Sep
Grove Interference Filters	Feb
Grove No-Tenna	Feb
Grove Preamp PRE-5	Dec
Hamtronics R76-M VHF Rcvr Kit	March
Hamtronics R138 Wefax rcvr kit	Nov
Head Clamps	July
Hot New Uniden Numbers	July
JPS NTR-1 Noise Reduction Unit	May
Kenwood Mods by Int'l Radio	Jan

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Lescomm GE Scanner Mod	Sep
Listening to SW Cassette	April
Magic Eye	Nov
MFJ-432 Voice Keyer	Nov
MP-140X Power Inverter	Jan
900 MHz Cordless reductions	Nov
Noise Cancellation Tech Inc.	March
Omnicon Elec VLR-4 Recorder	March
Optoelectronics DC440 Decoder	Feb
Optoelectronics OptoScan 456	June
Palomar Magnetic Balun	Nov
Palomar PD-600	Aug
Power Flip-Top Battery	Jan
Radio Shack Frequency Counter	Jan
Radio Shack PRO-2027	March
Realistic® PRO-51	May
Realm WHS150	Feb
Reel-Talk	Nov
Scalar Wave Generator	Dec
Scanventure NY FCC Lists	March
SoftWave by Comfocus	June
The Clip™	April
The Road King	July
Transmitter Fingerprinting	July
Uniden PRO-340XL CB	March
Uniden PRO 501XL CB	Oct
Uniden Sportcat	Feb
Uniholder Holsters	Feb
World of Ham Radio CD-ROM	March
Zapper—10GHz Oscillator	March

Reviews:

Black Box Antenna	Oct
Black Box Antenna, model S (SW)	Dec
C. Crane AM/FM Mobile Ant	April
Everhardt SW Listening ant	Aug
Frequency & Intelligence Dir	June
GAP Multiband Antenna	Oct
Grove SP-200 Sound Enhanc	May
Grove No-Tenna	June
Optimus Speaker	April
Opto 3300 Freq Ctr	Feb
Ramsey Kits	June
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Kol Israel: Changing Strategy Jun	
Mediumwave Mini-DXpeditions	Jul
"Miraculous" Reception? (MW)	Apr
OKC: The Radio Aftermath Jul	
Radio in Botswana	Feb
Shortwave in Latin America	Aug
Shortwave History in S. Africa	Nov
Swiss Radio International	Dec
The Course of Int'l Broadcasting	Jan
VOA's Moroccan Relay	Sep

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Hooked on Scanning	May
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Leroy Schum: Homefront Hero	Jul
Scanning Investigator	Feb
Sixty Minutes in Cairo	Mar
Victor Goonetilleke - DXer	Sep
When Rescue Fails	Aug

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FEMA's Multiple Radio Vans	Jan
GMDSS: Safety at Sea	Aug
Grove Expo, Vol VI	Dec
Low-Power AM Transmitters	Aug
Preparing for the Worst (batteries)	Apr
Russians in the Savannah Jul	
The FBIS is Listening	Jan
The Internet via Radio	Sep
The Shuttle's Mir-acle Mission	Jun
To ID or Not ID?	Oct

Scanning:

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

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Antenna Location: Fact & Fiction	Apr
Backbone in Your Dipole	Mar
Earthquake Monitoring (EMF sensor) Aug	
Elements of Antennas Selection	Mar
Exorcising Computer RFI	Feb
FM-10 Review	Jun
FM Kit / ICOM R71 remote system	Jun
Man v. Static	Oct

Modern Receivers: How we got here

Propagation Modes	Nov
	Oct

Utilities:

GHFS: MacDill AFB	Feb
Greenpeace High Seas Drama	Dec
MT Goes Inside NORAD	Nov
Sailing Through the Ham Bands	Apr
SAREX: Astronauts on ham radio	Mar

AMERICAN BANDSCAN

JAN	Listen in on Remote Broadcasts
FEB	Landing that Wallpaper (QSLing)
MAR	Books for Domestic DXer
APR	Time Tips for DXing; Expanded Band Broadcasters
MAY	Es Skip Time!
JUN	Digital Radio - on the way?
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	Bilal Isotran resonant circuit antenna; Autek Research RF Analyst
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 BC200XLT
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 Intermod
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

SEP Scan Star Pro
OCT Collins PropMan
NOV Mail: Internet v Hams
DEC AEA FaxIII; OCR Revisited

DEMAW'S WORKBENCH

JAN Tape Recorder Interface
FEB DC Voltage Regulators
MAR Understanding Transmitters
(without a license)
APR Using Op Amps to Aid Reception
MAY SWR
JUN Dealing with Man-Made Noise
JUL Looking for Parts?
AUG Understanding Your S-Meter
SEP Beginning Circuit Design
OCT Multiband Reception w/Tuned
Antenna Feeders
NOV Using the MFJ-259 Multitester
DEC Intro to Crystal Oscillators

DIGITAL DIGEST

JAN ARQ Modes
APR Third Shift Cyrillic RTTY
JUL Worldwide Ute News Club; French
Forces message
OCT French Forces Naming
Conventions and Vessel Suffixes

EXPERIMENTER S WORKSHOP

JAN Inside the PRO-2035
FEB PRO-2035 Extended Memory
MAR Tape Recording and Volume
Control
APR Battery Backup & Memory
Preservation
MAY Easy Datalogger for Home &
Shack
JUN Great Circle Spreadsheet
JUL Radio Shack and Metex PC
interface meters; Enhanced
Zeromatic for Pro-2004 series
AUG Free Space Radio Path Analysis;
MAX471 measures battery charge
SEP Rolling Your Own Resistors
OCT Antenna Switching; Ground-Wave
Propagation Analysis
NOV Building or Upgrading Computers
DEC Upgrading Computers - Part II

FEDERAL FILE

JAN Bug Hunting; Border Patrol
FEB Summit of the Americas; Boston
freqs; Strange Signals
MAR Postscripts (Secret Service at
Summit); C3I Data Links; federal
realignment proposal; fed loggings
APR Top Agencies' SecureNet System ;
Whitman AFB; US Customs; US
P.O.; seismic monitor freqs; US
Geologic Survey
MAY FCC downsizing; Drug
Enforcement and related ops
JUN Comms in strange places: Feds on
fast food freqs, TV on Part 74,
Pres on airport freqs; diplo comms;
monitoring UN & A-bomb
anniversaries; US So Command
moving to Miami
JUL BATF and FEMA frequencies
AUG Summer VHF Activity: backpack
radios; NASA HQ, Argonne Natl
Lab, Arnold AFB, GA Forestry
Comm, FAA, Amtrak on 900 MHz

SEP Scanning the Big Apple; Boise
Idaho River Festival, BLM, US
Forestry Service; Assoc of Am
Railroads; more hidden media
freqs
OCT Who's where and who's moving -
projected reallocations
NOV SWLing the Feds (SW back-up
systems)
DEC Federal protection details,
presidential campaigns, Olympics,
and nuclear terrorism

HIGH SEAS

JAN New York Harbor
MAR KFS World Communications adds
VCT; Visual Morse; m/v Polydoros
radioman saves lives
MAY Petroleum Industry
JUL Globe E-mail and telex freqs;
USCG final CW
SEP The Navy's New Boat (guest
feature)
NOV Comings and Goings (history of
maritime comms; final column)

MAGNE TESTS

*Caveat: Reprints of Magne Test reviews
are not available.*

JAN AR3030
FEB Best Receivers to Buy
MAR Sangean SG 789A
APR Sony ICF-2010
MAY ICOM R71; Satellit 700 price hike;
W-J HF-1000 difficulties continue;
SG 789A antenna
JUN Drake SW8 Improvements, Drake
R8A Coming; Sangean drops
ATS-803A; Grundig changes NAM
lineup; W-J still promises
improvements
JUL JRC NRD-93
AUG Yacht Boy 305; News - Drake
R8A, Lowe HF-250
SEP Lowe HF-250
OCT Aroma SED-EDL88C
NOV Watkins-Johnson HF1000
DEC Looking Ahead: Should you buy
now?

ON THE HAM BANDS

JAN Propagation Tips; New Videos;
Mini-Regen receiver schematic
FEB Straight Key Night - sending good
CW; Low Band Activity
MAR Three Short Antennas; Casio
watch for DX tool
APR Ten Meters; observations about
antennas; homebrew tilt-over
tower and coil-winder books
MAY New Products: Amateur Radio
Newline, No Code License
Program, Buckmaster Electronics
Software Compendium, Power
Pocket, QRP Plus
JUN Are You Ready? Field Day, VHF
Contest; Hambrew magazine;
Antique Electronic Supply; Atlas
400X transceiver
JUL Value of old gear; ICE DigiField FS
meter
AUG RS HTX-212; Ramsey SX-20
SEP Winter Preparations; Iso-tip
cordless soldering iron

OCT 6 Meter FM; Alinco DR-MO6
NOV 46, 160, 80 m; Antenna
Compendium
DEC Stocking Stuffers

OUTER LIMITS

JAN Frente Nacional Cubano Busted
Twice; Pirates on 43 meters; Clans
in Russia; Radio Free Berkeley
FEB Radio Caiman CIA op?; Radio
Patria Libre; Radio Democracy
QSL; Books
MAR Pirate Activity Record Broken;
Trummel's Black Book; Iran
Clandestine QSL; Best QSL?
APR FCC Loses one, wins one (Radio
Free Berkeley, 3 busts); La Voz de
Chiapas, La Voz de Guatemalan
Mayan; KIWI
MAY Pirate Bust Developments;
Eropirate bulletin; Mexican clans;
Taiwan pirates
JUN Pirate Jams Iran; Aum Shinrikyo;
Super DX Edge; So Music Radio;
Spectrum bcsts from Winterfest
JUL "Patriot" Programming; RNI
returns; Polish pirates; Iranian
clandestines; WRMI E-mail
AUG CID using satellite feed; NASWA
covers pirates; Radio Pirana;
41/43 Meter Notes; more foreign
pirates
SEP Increase in pirate activity; WINB in
limbo; KIWI still active; RNI quits;
Radio Marti on WHRI; Iran clan
heard in Brasstown
OCT Chiapas Libre; R Free Berkeley
Fined; SIO Codes; R Pirana
Moves; Black Book e-mail; New
ACE Publisher
NOV Israel Busts Pirate; SRS E-mail;
41-43m 2-way Spanish
DEC Iranian Clan loses funding;
Mexican clans; Local FM pirates

PLANE TALK

FEB Oakland Oceanic Control
APR The Black Box and Cockpit Voice
Recorder; HF Nets serving
MWARA; Software offer Final
Approach
JUN LDOC; New HF Datalink HF DL
being tested; Atlanta aero freqs
AUG Flight of the Concorde
OCT Brush Up Your Basics;
Observation Decks; Monitoring the
Comics
DEC San Fran ATC Tower; Oakland
Center; St Louis freqs; World Air
Carrier Callsign Directory; readers'
corrections, additions; LDOC
verifications

PROGRAMMING SPOTLIGHT

MAR VOA Inaugurates Talk Radio
JUN BBC in Transition (split streaming)
SEP Radio on the Internet
DEC Shortwave Simulcasting - KTBN &
WEWN

RADIO REFLECTIONS

FEB Working at WATT
MAY 100 Years of Radio (Marconi)
AUG Revive a Five! (restoration)

NOV Medical Quackery

SATELLITE TV

JAN Trade-offs - Choosing a System
FEB World Radio Network
MAR World TV for Newshounds
APR X*press Information is Ingenious;
AMSAT 3-D freqs; WRN; KJAZ
MAY TVRO Shopping via
Satellite; Russian RS-15; Digital
Audio Radio Service; Equip needs
for Inmarsat/Wxsat, & SPCP
JUN World Sat Yearly review; SPCP on
18" dish? Minimum equipment
requirements for SPCP
JUL Peaking Your Dish
AUG View from Europe, European
experimenters; AMSAT news;
Ingenius update
SEP Rebroadcast audio thro your
house with FX Wave; DMX
update, New Old Stock supplier,
sat talk shows, BBC news feed;
satellite
predictions
OCT Ethnic Programming; BBC feed;
Bloomberg on Ku; DigiCipher rcvrs
delayed, etc.
NOV 1995 World Satellite Almanac;
industry news
DEC SCPC On a Budget

SCANNER EQUIPMENT

JAN PRO-2035 vs. PRO-2006
FEB PRO-62; RadioMap
MAR BC9000XLT
APR BC3000XLT
MAY Uniden BC860 XLT
JUN PRO-2036/BC890XLT
JUL PRO-2037
AUG PRO-26
SEP PRO-60
OCT AR 2700
NOV Comparison of scan rates, current
consumption, modulation
acceptance between AR8000 and
other handhelds; RU2700 recorder
option for AR2700; portable
antenna alternatives
DEC PRO-2040

SCANNING REPORT

JAN Scanning Questions; NOAA
weather; new aero freqs; taxi cabs
FEB Scanning Savvy; cellular newsclips
MAR Beyond UHF; Qualcom cellular
contract; protection from cellular
clones; TV bands
APR Spring cleaning (scrounging);
news clips
MAY Listening Post Improvements;
cordless mikes; bumper beepers;
news clips
JUN Challenge: mapping antennas in
your neighborhood; briefcase
satellite phone; news clips;
extending cordless range;
Goodyear Blimp freqs
JUL Computerized Scanning; OKC
active freqs; bugs in restaurants;
PO scanning; Blue Angels sched;
new aero freqs
AUG August scanning (shopping malls,
sat freqs, winterizing); NY

TV/public safety; list of cell
restorable scanners
SEP Equipment TLC; cellular banned in
hospitals
OCT Trunking; Briefcase Satellite; Laser
Guns; New Opto Scout
NOV How to scan during the holidays;
TV audio freqs; CB channels;
allocation rules & regs
DEC Alive and Well - good December
scanning freqs; antenna heights;
Tulsa, Okla., case

Frequency Exchange (in state order)

City/State	Issue	
Mobile Co, AL	Oct	
Montgomery, AL	Sep	
Brisbane Airport, Australia	Mar	
Davis Monthan AFB, CA	May	
California Coast	May	
Jamestown, CA	May	
Los Angeles, CA, FD	Apr	
Oakland, CA	Oct	
Stockton, CA	Feb	
Toronto, Canada	Nov	
Jefferson Co, CO	Sep	
Hartford, CT	Mar	
Washington, DC (Natl Pks)	Jul	
Dover, DE	Mar	
Dover, DE	Nov	
New Castle Co, DE	Nov	
Smyrna, DE	Mar	
Dade Co, FL	Jan	
Dade Co, FL	Oct	
Hollywood, FL	Nov	
Miami, FL	Jan	8pp
Miami, FL	May	
Orlando, FL	Jan	
Walt Disney World, FL	Jun	\$3
Douglasville, GA	Jan	
Marietta, GA	May	
Savannah, GA	Jun	
St Mary s, GA	Nov	
Maui, HI	Aug	
Chicago, IL	Apr	
Danville, IL	Aug	
Clarksville, IN	Dec	
Columbus, IN	Jan	
Hendricks Co, IN	Oct	
Hutchinson, KS	Jun	
Topeka, KS	Dec	
Wichita, KS	Feb	
Boston, MA	Dec	
Aberdeen, MD	Mar	
Bangor, ME	Dec	
Aurora, MO	Apr	
Northfield, MN	Jan	
Havelock & New Bern, NC	Jul	
Mount Valley, NH	Nov	
Atlantic City, NJ	May	
Ocean City, NJ	Oct	
Las Vegas, NV	Sep	
Las Vegas, NV	Apr	
Cedarhurst, NY	Feb	
Broome Co, NY	Jun	
Oklahoma City, OK	Jul	
Oklahoma City, OK	Aug	
Roseburg, OR	Jun	
Dallastown, PA	Mar	
Harrisburg, PA	Aug	
Mifflin Co, PA	Apr	
Mifflin Co, PA	May	SASE
Philadelphia, PA (RR)	Feb	
Philadelphia, PA	Jul	

Philadelphia, PA (DEA) Oct
Pittsburgh, PA Nov
Potter Co., PA Mar
Scranton, PA May
Wilkes-Barre, PA Feb
Beaufort, SC Sep
Darlington, SC Jul
Dorchester Co, SC Jun
Mt Pleasant, SC Feb SASE
Newberry, SC Sep
Spartanburg, SC Apr
Clinton, TN Dec SASE
Alamo, TX Sep
Laredo, TX Jul
Tooele, UT Oct
Arlington, VA Jul
Emporia, VA Jun
Fairfax, VA Aug
Virginia Beach, VA Sep
Burlington, VT Aug
Woodstock, VT Dec
Green Bay, WI Dec
Tomah, WI Jan
Wheeling, WV Mar

Other Offers/Freqs

Blue Angels Apr
Cordless Phones Sep
Fast Food Freqs Sep
Federal Freqs Sep
Medecac Freqs Sep
TV Antenna conversion Apr \$3
TV Antenna conversion Oct \$5
TV audio freqs Mar \$2
TV audio freqs Nov SASE

Treasure Hunt

2 sets Police Call Jan/Feb
Naval Electronics HTS-2 Mar/Apr
BC-III and BC-V from G&G May/Jun
Scantenna from Grove July/Aug
RG6/U coax Sep/Oct
Freq list: bugs, fast food, etc Nov/Dec

UTILITY WORLD

JAN AFTN almost gone; DCS HF
system; Nightwatch Update;
Hobbyist's Guide to COMINT
FEB Aero Mobile Band Standardizes
MAR RTTY Numbers Stations; HICOM
gone
APR Single Letter HF Markers
Revealed
MAY SECURE system; AF manual
description of EAMs; 5680 & 5696
logs, X-ray codes
JUN FEMA Support Communications
JUL British Royal Air Force
AUG Hurricane Season, NOAA and
53rd WRS and related freqs
SEP The meaning behind the EAM
messages; Navy Tacamo takes on
ABNCAP role; Nightwatch nets
OCT US STRATCOM Network Freqs;
Inter-American Air Forces and
Army communications systems
NOV Coast Guard Pacific Operations,
corrections
DEC US Govt HF Exercises; FAA HF
radio network; Global Wireless
maritime network

WHAT'S NEW

Books:

Aeronautical Freq Directory (#3) Aug
 Air-Scan #6 May
 Amateur Hambook Apr
 Amateur Radio Almanac Apr
 Amateur Radio Encyclopedia Jan
 Amateur Radio RV Antennas Sep
 AM Radio Log Jan
 AM Radio Logbook (NRC) Dec
 Antenna Factbook Jul
 ARRL Antenna Compendium Jun
 ARRL Handbook Jan
 ARRL Intro to RF Design Sep
 ARRL Operating Manual Aug
 ARRL UHF/Microwave Projects May
 ARRL Radio AmateursWorld Atlas Nov
 British Columbia Freq Directory Jul
 CB Buyers Guide Dec
 Coll Guide to Antique Radios(#3) Aug
 Coll Guide to Novelty Radios Aug
 Coll Guide to Transistor Radios Aug
 Compendium of Am RR Freqs (#13) Aug
 Computer Support Directory Oct
 CQ Ham Calendars Jan
 Digital Multimedia Guide Sep
 Electronics Pocket Reference Feb
 Intro to Digital Video Jan
 Guide to Fax Radio Stations (#15) Sep
 Guide to Utility Radio Stations Apr
 Haruteq Ontario Scanner Directory Nov
 Lew McCoy on Antennas Mar
 Listeners Lawbook (#2) Aug
 Low & Med Freq Scrapbook Jan
 Low Power Communications, (vol 3) Sep
 M-Street Journal May
 Mobile Cellular Systems Mar
 New SW Propagation Handbook Jul
 New York City ATC Jul
 Norwegian AM Log Book May
 Official Massachusetts Freq Guide Apr
 Ohio/Mich Scanner Freq Dir Dec
 Orange Book of Scanner Repair Jun
 Passport 1996 Nov
 Pennsylvania Freq List Jun
 Police Call 1995 Jan
 Police Call So Cal Detail Edition Mar
 Radio Modification Handbook Aug
 Rebel Radio May
 Remaking of Radio Mar
 Scanners 3 Jan
 Scanner Planner Dec
 Schroeder s Antiques Price Guide Nov
 Spectrum Guide Apr
 Spectrum Regulation Handbook Oct
 Spread Spectrum Comm Handbook Feb
 The Phone Book Aug
 The Shortwave Radio Guide Jun
 Towers to Eternity Feb
 Travelers Guide to Freq Mon (PA) Mar
 Travelers Guide to World Radio Apr
 Ultimate Scanner, Cheek #3 Jul
 Underground Frequency Guide Feb
 Understanding ACARS Jan
 Understanding ACARS (#3) Aug
 US Repeater MapBook Nov
 Whole Spy Catalog Jul
 Winning the Global TV News Game Dec
 World Radio TV Handbook Mar
 Your HF Digital Companion (ARRL) Aug

Zenith Trans-Oceanic:Royalty of Rs Jul

Software, Videos, Services, etc.
 Adaptive Sys WAVE (Mac control) Nov
 ARRL Electronic Repeater Directory Nov
 ARRL Publications (catalog) Aug
 ARRL Radio Designer (soft) Feb
 ARRL Radio Designer (soft & book) Sep
 AT&T Language Line Dec
 BK Precision (catalog) Aug
 Cellular Security 800 MHz mod Nov
 Circ-"IT" classifieds Mar
 Code Red 900 number Jun
 Design EQ BankPac cards Sep
 Dir of Elec Surveillance Equip Sup Oct
 FAR Scholarships Mar
 Fontel Foundation Inventor s BBS Oct
 Geo Jacobs Roboscan 2000 Aug
 Getting Started in VHF (video) Feb
 Gordon West Radio School Oct
 Grove FCC Database Sep
 Grove Repair Service Feb
 Kiwa catalog on Internet May
 Klingenfuss Modulation Types (CD)Jun
 LeProgram, Shortwave Guide Jun
 LogOn USA (internet Bcast) Oct
 Marbian Productions SWBC skeds Nov
 MetroWest catalog Oct
 Milestone Tech Code Master V Jul
 Milestone Tech M*Log Nov
 Mr Scanner s CD ROM Nov
 New Wireless Pioneers (cat of books)Oct
 Old West Graphics (decals etc) Jul
 Old West Graphics ID tags Dec
 PageWatch Apr
 Palo Alto Sun Clock Dec
 Probe kit catalog Feb
 Quest Electronics(catalog) Nov
 RCSI ScannerWEAR Soft-control Jun
 RMA Electronics Co Jun
 Rockwell PropMan Jul
 Signal Int, Windows Scan*Star Dec
 SSC PC GOES/Wefax 4.0 Jun
 State PD & Hwy Patrol Badge Guide Dec
 Vintage Manuals (cat) Mar
 Worldcom Yacht Boy 400 mod Mar

Equipment:
 AEA APRS adapter cable for GPS Apr
 AEA PK-96 packet w/GPS Dec
 Alpha Delta DX Ultra SWL antenna May
 Audio Tech CS2000 home theater Dec
 Autek Research RF Analyst Jan
 BayGen Baylis wind-up radio Sep
 Black Box Antenna Oct
 Cellular Security Max800 Antenna Feb
 Cobra 93LTD CB Nov
 Comm Spec TE-32 Encoder Nov
 Connect Systems CD-2 decoder Apr
 Datafile Probe software Jan
 Design EQ leather scanner cases Apr
 DX Radio Supply Power Station Sep
 Everhardt truck CB antenna Mar
 FlatPlug, American Leviton W&C Jan
 Free Radio Berkeley Radio Kits May
 Gall Universal (auto) Bracket May
 Grove Mini-Skywire Sep
 Grove SW Converter May
 Grundig Yacht Boy 207 & 217 Apr
 Hamtronics aero band rcvr kit Jul

Hamtronics RWWV kit Jun
 ICOM IC-775 & IC-775 w/DSP Jul
 ICOM IC-Z1A HH Transceiver Jul
 ICOM IC-706 all-mode Transceiver Jul
 JPS NIR-12 Noise Reducer Jun
 Lightning Emergency Generator Oct
 Kantronics KPC-3 TNCt Aug
 Kiwa BCB filter Nov
 Magellan's WaterPocket Jul
 Micro Tek Minute-Man SW conv May
 Milttronix R-390 Repair Jan
 Miracle Baby Micro Duck May
 MFJ-114 Clock Feb
 MFJ-66 Dip Meter Adapter Sep
 MFJ-1717 Flexible Duck Sep
 MFJ-306 World Band Explorer Aug
 MFJ-452 Super CW Keyboard Jan
 Motron Auto-Kall DTMF controller Jul
 Naval Electronics HTS-3 Mar
 Optoelectronics CX12AR Interface Oct
 Optoelectronics OptoScan 535 Oct
 OptoElectronics Scout Jan
 Palomar Magnetic Switch Balun Aug
 Power Pocket Oct
 Powertip May
 QuickTone CTCSS kit Feb
 Radio Engineers Vector-Finder Jun
 Radio Shack PRO-27 Sep
 Ramsey FM25 FM Stereo Txx Aug
 Sony ICF-SW1000T receiver Nov
 TenTek T*Kits Apr
 Tripp Lite PR-series power supply Aug
 Uniden laser radar detectors Mar
 Uniden PC 76XLW CB Mar
 Uniden's new scanners Feb
 Uniden scrambled cordless phones Mar
 Uniden 25-Chan Phones Jul
 Viking long-play recorder Feb
 Wavetek products Sep
 Wavetek digital multitesters Dec

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
 K&L Message Tracker Jul
 Kiwa MW Air-Core Ant Dec
 Logic Limited Franklin Converter Oct
 MFJ-784 DSP Filters Sep
 Naval Electronics HTS-2 vs. -3 Jul
 Optoelectronics DC 440 decoder Mar
 Optoelectronics Scout 400 Feb
 Optoelectronics Scout 40 Nov
 Par Electronics intermod filters Sep
 Select-A-Tenna vs the Black Box Apr
 ZS Electroniques ZSRX Antenna Jul

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FEATURES:

Broadcast:

AWR Story - 25 Years Oct
 BC Bedfellows (WRUL & SW-4A) Aug
 Free Radio Berkeley May
 Gabon SW Broadcast Profile Jan
 Guide to Intl BCers on the Net Nov
 Keeping the QSL Fires Burning Feb
 South Pacific BC History Dec
 Voice of Oromo (intvw) Jun
 WGTG - America's Newest SW Jul
 Will the Sun Set on RCI? Mar

Human Interest:

Barry Goldwater Reflects on Radio Jul
 Bug Hunt, Expo Style Oct
 Grove Communications Expo '96 Dec
 Havana Moon remembrance Mar
 Next Parish, America Dec
 The Inventor of Radio ...Stubblefield? Oct
 The Subtle Art of Elmering Jan

Miscellaneous:

1995 Index Jan
 BBC Monitoring Service Sep
 Bicycling with a radio Mar
 Coordinating RF at the Olympics May
 DX Camps Feb
 FM/TV DX 101 Jun
 Natl Assoc of BCers 96 convention Sep
 National Weather Service Jan
 New Olympic Technology Nov
 Tune in Operation Joint Endeavor Feb
 The Wullenweber Antenna Apr
 Wireless Weather Info Network Aug

Scanning:

Eyes & Ears on Baby Dec
 Fast Food Smorgasbord Aug
 General Mobile Radio Service Feb
 Guide to Frugal Scanning Jan
 Guide to Inauguration '97 Dec
 Hot Listening in "Hot-lanta" Jun
 LA Fire Dept Op Center Mar
 On the Road with REACT Jul
 Scanning Galveston Island Aug
 Scanning the MegaMall Nov
 Scanning the Pres Campaigns May
 Seat of Your Pants DFing Jul

Shuttle Mission Monitoring Sep

Technology and Technical:

Absolute Lightning Protection Jul
 Anyone for a Fox Hunt? Oct
 Bus Bar Grounding Jul
 Cable TV Signal Leakage Jan
 Compact, efficient antennas Apr
 800 MHz Virtual Downconverter Feb
 Get in the Mediumwave Loop Nov
 ICOM's R8500 vs. AOR's AR-5000 Nov
 Improved VHF/UHF TV & FM Recep Apr
 Magic Wand Portable Antenna Apr
 Operation Skyhook (putting up dipole) Apr
 Survive a Computer Virus Sep
 Vertical Antennas for SW Apr
 Who's Playing Hell with HAARP? Oct

Utilities:

Anchors Aweigh for Great DX May

AMERICAN BANDSCAN

JAN Internet Resources for domestic DX
 FEB The world above 1600 kHz
 MAR Anatomy of an AM Antenna
 APR The Telecom Act & DX
 MAY TV DX Season
 JUN TV's Most Exotic DX; Expanded band update
 JUL A Station of my Own
 AUG DX Tips & Tricks; KTRK on Expanded Band
 SEP Getting on the Air (experimental licenses); Staying on the Air (new FCC regs)
 OCT TV by the Numbers (digital TV)
 NOV What's in a Name? (origin of station calls)
 DEC Clear(?) Channels, history, allocations; Expanded band news

ANTENNA TOPICS

JAN Gain & Directivity with a Sloper Dipole
 FEB Two Classic Antenna Books: old antenna theory vs. today's
 MAR Same antenna, different results - effects of earth on patterns
 APR Size, Gain, and Practical Results
 MAY The Hydrochloric Acid Antenna
 JUN Kite-Supported Antennas
 JUL The Legendary Dipole
 AUG EME: Ultimate Weak Signal Work

SEP Antenna Tuners: Help or Hindrance?
 OCT HF Groundplane Antenna
 NOV Conformal antennas; *Experimental Antenna Topics* and superconducting antennas
 DEC Microwaves; antenna modeling

BEGINNER'S CORNER

JAN Roots: Building crystal receivers
 FEB Used Receivers
 MAR How to Read Hauser, etc.
 APR Amateur Radio Reading
 MAY Stealth Monitoring
 JUN Going Down (LF DXing)
 JUL Inspired by Mildew
 AUG The \$100 Ham Station
 SEP Radio ain't Television (do your own digging)
 OCT Uncle Skip Rethinks his Antennas
 NOV Beyond the Fringe
 DEC The Art of Code

BELOW 500 kHz

JAN Logging techniques
 FEB European longwave
 MAR Lowfer Update
 APR News & Loggings
 MAY QSLing Your Catch
 JUN Surfing for Longwaves (Web sites)
 JUL Top End Tour
 AUG Is it sound or radio?; Longwave
 SEP European Beacon Book; NAVTEX Cutback
 OCT Longwave Intrigue (beacon PYD; negative keying); new resources
 NOV Portable antenna pick-ups; DXing Cuban NDBs; WWVB transmitter increase; 73 kHz news
 DEC Whistlers, Sferics, & Tweeks, oh my!

BOB'S TIP OF THE MONTH

JAN PRO 2042 vs. 2035: is there a difference?
 FEB BC230XLT vs. BC220XLT; keep coil windings from slipping; shut off PRO43 beep; What are the tropical bands?

MAR Wide Freq Coverage on Regency 4020?
 APR Cell restoration on PRO2035,2042; Button Beartracker Beep
 MAY Invisible Antennas
 JUN More on Current Flow
 JUL Those Triangular Towers
 AUG Solar Batteries
 SEP Sony 2010 Battery hints
 OCT Wireless phone jack system makes new monitoring target
 NOV Oto Xplorer cellular restoration
 DEC Hand-held radio stand

CLOSING COMMENTS

JAN Equipment: Room for more?
 FEB The Scam That Wouldn't Die (Spectrum Antenna)
 MAR A Theory of Technological Evolution
 APR The Telecom Act - More protection than we need?
 MAY War of the Web: Round Two (by David Lindsay)
 JUN State of the economy
 JUL Radio Listeners: Are we really a threat?
 AUG Random Reflections
 SEP What the Heck is PCS?
 OCT The Pendulum Swings
 NOV Reporting What You Overheard - Is it ever legal?
 DEC Greetings from MT staff

COMPUTERS & RADIO

JAN SatellitePro (Zephyr Services)
 FEB Lowe Airmaster 2.0 ACARS decoder
 MAR Market Watching; Scan Star Update
 APR AEA ACARS; ScanCat hardware - UniVersatile Interface
 MAY CAT squelch adapters (Yaesu, ICOM, universal)
 JUN K&L Message Tracker
 JUL Predictions / CD ROMs (HamCall and Electronic Software Compendium)
 AUG AEA's new software: Pakratt for Windows 2.0, Log Windows
 SEP WiNRADiO: 0.5 to 1300 MHz
 OCT WiNRADiO: Win-win?
 NOV News bytes, and Universal Radio ACT-1 ACARS
 DEC Surfing for Monitoring Web Sites

DEMAW'S WORKBENCH

JAN Build a Multipurpose Broadband Amp
 FEB Learning to Work with Diodes
 MAR Easy Circuit Boards
 APR Minimize Man-Made QRN
 MAY Build a Noise Squelcher
 JUN How to Tune Random-Length Antennas
 JUL Revitalizing Older Receivers
 AUG One Feed Line-Three Antennas
 SEP Choosing the Right Capacitor
 OCT Simple Receiver for the Beginner
 NOV Working with Toroids
 DEC Be a Mini-MF or LF Broadcaster

DIGITAL DIGEST

JAN Internet for utilities
 APR High Seas Hi-Jinx (SITOR msgs)
 JUL Digital Comms on Air and Sea (DACARS, Russian RTTY, USCG System Coordination Net)
 OCT Review: Hoka Code-3 Gold

EXPERIMENTER'S WORKSHOP

JAN Upgrading Computers - Part 3
 FEB Upgrading Computers - Part 4
 MAR PRO-26 S Meters and NFM Discriminator Magic
 APR Ways to Design Circuits - Part 1
 MAY Ways to Design Circuits - Part 2
 JUN Ways to Design Circuits - Part 3
 JUL Ways to Design Circuits - Concl
 AUG LED Voltmeter
 SEP Tone Detector-Decoder
 OCT Directional Scanner Beam
 NOV ProbeScope from Radio Shack
 DEC Freq Record-keeping made easy (APFTools)

FEDERAL FILE

JAN Dept of Agriculture; Mineral Mgt Service; winter resolutions; Army police
 FEB FEMA telecommunications; Federal security, gov't or private? security freqs
 MAR Guarding Royal Visitors; Latin American military freqs; Gulfport Navy Seabee Center; US Forest Service Calif freqs; lesser-known Dept of Justice freqs; Yellowstone Park
 APR Alaska, HAARP; Army Corps of Engineers; Wright-Patterson AFB; NY area & McGuire AFB freqs

MAY Mountain or Molehill? (unid rpt); Wash DC Monitoring
 JUN Gov Surveillance Freqs - To publish or not to publish?
 JUL Eavesdropping on Houston's Mission Control Center; Manchester, KY, federal prison; Postal Inspection freqs; Disaster Preparedness unused freqs?
 AUG Towers off Key West related to Fed agency office closings? Privacy soapbox; websites
 SEP Coast Guard to the Rescue; Radio Shack wireless transmitter sale
 OCT Federal freqs at the Olympics; Feds on INMARSAT; Bureau of Prisons; Cactus; Gulf towers again
 NOV Telling who's who without a program; Nat'l Forest freqs; low power freqs
 DEC Modern Technology Catches Up (K&L Message Tracker); Fed Protection Agencies; Radio Traffic at OKC; no freqs off-limits

K.I.S. RADIO

MAR Buying equipment (recycled)
 JUN CB - The Ultimate Frugal Radio
 SEP Mobile Installations
 DEC Packet for the Penny-Pincher

MAGNE TESTS

(Reprints of Magne Tests reviews are not available.)

JAN Lab measurements and features
 FEB Sony ICF-SW1000T
 MAR Grundig Traveller II
 APR AOR AR7030
 MAY Drake R8A
 JUN Radio Shack DX394
 JUL Sony ICF-SW40
 AUG Drake SW-1
 SEP Sangean ATS 909
 OCT BayGen Free-Play
 NOV Drake's Little Secret: the "SW8A"
 DEC Sangean ATS 303 Portable

NET NEWS

JAN Sites that combine technologies
 FEB How to get on the Internet
 MAR Old-time radio on the net
 APR No News is Not Good News
 MAY Beating our own Drum (Grove site)

JUN Audio on the Internet

ON THE HAM BANDS

JAN Using old commercial gear
FEB Surplus Saga Continues; Hamcalc
MAR A Computer in the Ham Shack
APR Info Sources for the New Ham
MAY Better QSO's; Games; Vibroplex Bug; boat mount; Field Day
JUN Amplitude Modulation; Phonetic Alphabet
JUL Going Mobile
AUG Building QRP
SEP Low Band Lowdown, equip and antennas; Vibroplex key IDed
OCT Plotting the MUF (Bandaidd); QSOs
NOV Heath HW-9 drift fix and offset adjustment
DEC Apartment Dweller's Joystick

OUTER LIMITS

JAN Quebec Clan; new Black Book editor
FEB Pirate Radio book; Fundacion home page; KIWI still heard; FCC downsizing
MAR '94,'95 Pirate Activity; Weiner's New Ship; Ham Band Pirate; Pirate Book
APR La Voz del Cid, La Voz Popular; Local FM Pirates
MAY Cuban Clans, Web sites, Texas pirate, local pirates, PiPa/FRW merger
JUN Micro Pirates Widespread; Radio Alpha jamming RHC; Cumbre book project; Pirate awards; when to hear pirates
JUL Govts Close Community Radio Stations; Clandestine Web sites; Pirate Radio Directory; K-2000 popular pirate winnter
AUG NA Pirates Heard in Eur & Asia; Bougainville Verie; Europirate web sites
SEP Nigerian RDI changes sked; Costa Rican station arrests; Tasmanian pirate
OCT R. Patria Libre returns; R Democrat Intl; Greek MW pirates; RFS mail trouble; KAOS official QSL
NOV New Name for Nigerian Clan; Bougainville pirate? Wellsville maildrop replaced; FRN

Grapevine returns; Europirate reception

DEC Need more pirate sources?; R Kudirat time change; R Patria Libre sked; R Marti

PCS FRONT LINE

OCT Emerging PCS Technologies: FCC auctions; narrowband; broadband; unlicensed, Sprint Spectrum
NOV Cellular history, frequency divisions, duplex; why PCS is no substitute for public service agency trunked radios
DEC Cellular Signalling; modern-day scams

PLANE TALK

JAN Volmet weather; City/Airport IDs; aero software update
FEB Commercial Ground Stations; Domestic VHF Voice Services
MAR Frequently Asked Questions
APR The Bay Area TRACON
MAY 50 Yrs before the Concorde (Lockheed Constellation); more Volmets
JUN Readers' Corner - City codes; Sea-Tac freqs; "Lifeguard" flights; Dakar Aeradio; aero disk offer
JUL Oceanic Air Traffic Control new system
AUG Airport Ground Control
SEP SELCAL Directory; Cincinnati and Louisville freqs; Terminology; contest
OCT Radio Navigation: Radio Beacons
NOV Omni-Directional VHF/UHF NAVAIDS
DEC NAVAIDS: distance measuring equipment

RADIO REFLECTIONS

FEB World's Oldest non-US Station; Silicon Valley - hi-tech roots
MAY The Baron of Homespun - Powell Crosley
AUG SWLing in the Early 40s
NOV Real Radios Glow in the Dark (re Jack Hofeld of Antique Radio Store)

SATELLITE TV

JAN Stealth TVRO: Hiding your dish; global updates; MMDS notes
FEB Making Connections; updates on Telstar 402R, Alphastar, DBS race, HDTV
MAR New Satellites; HDTV update; AMSAT update; SCPC answers

APR FM in Your Backyard - Audio Subcarriers

MAY TVRO Meets the Internet (Skylink); Transponder Notes; DSS break?; SCPC answers
JUN Satellite Broadcasting Guide 96 review; FCC supports dish owners; new channels and Anik problems
JUL Ingenius' Xchange Revisited
AUG Repairing TVRO Gear
SEP World Viewing (the International Channel)
OCT Universal's SCPC-200 Satellite Audio Receiver
NOV SBCA Show: Futurewatch
DEC Baylin Pubs: "Miniature Satellite Dishes," Home Satellite TV Installation & Troubleshooting Manual"

SCANNER EQUIPMENT

JAN Plectron and Motorola Alert crystal scanners
FEB Radio Shack PRO-2042
MAR Fixing Older Bearcat Scanners
APR BC220XLT/BC230XLT
MAY IF Compendium
JUN Mods & Tips for BC9000XLT (keyboard trick, add jack for CTCSS reader, expand 800 MHz coverage, auto-store strategy)
JUL Max Systems discone / Beartracker BCT- 10
AUG Control Tape Recorder w/your Scanner (BMI Nitelogger II)
SEP Electra Corporation Lives!; Carrier-activated lamp and backlight disable switch for PRO-2022; baseband audio tap for PRO-2042; hot transformer may be OK; Yaesu FT50R dual-band walkie-talkie
OCT Radio Shack PRO-2046 Mobile Scanner
NOV Build a mobile mount for your radio
DEC AOR's AR5000 All-in-one Receiver

SCANNING REPORT

JAN Antenna Farms; Curtis ESN phone reader; beeper monitoring; antenna safety; IF explanation

FEB	Staying in Hot Water; Wash & Wear Radio; radar and scanning; mall freqs; line repair crews; movie crews; bear tracking collars	Las Vegas, NV Buffalo, NY Buffalo, NY New York City, NY	Jan May Jul Dec	DEC	Raymond Callsigns; TACAMO assuming Looking Glass role; New Royal Air Force Freqs & Design
MAR	Scanning at the CES Show; Road-hazard alerting system; Las Vegas freq finding	Lancaster, PA Philadelphia, PA Wilkes-Barre, PA	May Feb Feb	WHAT'S NEW Books:	
APR	Scanning Amplified (preamps); Scanners in Movies and TV; monitoring trunked systems; accurate frequency reports	Anderson Co, SC Conway, SC Seattle, WA	Jan Jan Feb	A Basement Seat to History	Aug
MAY	Scanning on the (W-S) Cable Channel; Trunking survey			Advanced Television Systems	May
JUN	Scanning for Information on Line (Motorola press releases)			ARRL Handbook (74th)	Dec
JUL	Scanning into the Wild Blue Yonder (airport scanning); your favorite scanner; convention update; mailbag (Buffalo)			Auto Audio	Sep
AUG	Bunking with Trunking; other data activity; trunking in Huntsville, AL			Broadcast News: Writing, Reporting	Apr
SEP	Searching for school bus freq; more scanning on cable TV; end of RCMA?; rumor New Hampshire not moving to digital; scanners in movies			Broadcast Sound Technology	Apr
OCT	Wanted-Used Scanners; RCMA Kansas column; all-time favorite scanner			CB Modification Secrets	Jun
NOV	Mall Call; drive-through dilemma; wrong about NH; digital Olympics?; favorite scanner; Cajun freqs			CB Audio	Jul
DEC	The Great School Bus Caper; short history of shared repeaters; using the direct approach; scanners on film; scanning in NYC			Clandestine Stations (DSWC1)	Jul
				Cop Speak	Apr
				Crystal Radio:History,Fund & Design	Oct
				Crystal Sets (No 5)	Jul
				Easy Calculator Math for Electronics	Aug
				Electronics books from McGraw-Hill	Apr
				Electronic Media Law	Feb
				Emergency Scanning	Mar
				Essential Radio: Travelers Guide	Jun
				Fla Radio Hobby Clubs	Nov
				Global BCing Systems	Jan
				Go Mobile at 500 Watts	Oct
				Guide to Utility Radio Stations 1996	Mar
				Ham Price Guide	May
				Heathkit guide	Mar
				IC Master	Dec
				Inductor Handbook	Sep
				Internet Radio Guide	Sep
				Klingenfuss, Radio Data Code Man	Oct
				Klingenfuss, Worldwide Wefax Serv	Nov
				Lenk's Television Handbook	May
				Low & Medium Freq Scrapbook	Jun
				M-Street Radio Directory	Mar
				Mobile Cellular Telecoms	Feb
				Monitor America (#3)	Jan
				Monitoring Cellular Phones	Feb
				Monitoring the Feds	Aug
				More Antennas out of Thin Air	Oct
				National Scanning Report	Nov
				NRC Distance and Bearing Handbook	Nov
				NRC Night Pattern Book	Jun
				NYC Fire Dept Monitoring	Nov
				Official Connecticut Freq Guide	Jan

SKYLINK

JAN	Wireless Publishing
FEB	GPS is Everywhere
MAR	Rising Tide of Wireless (AT&T, Sprint, Nexus)
APR	Is Wireless for Real?
MAY	Let There be Wireless (imminent developments)
JUN	Computer LANs going Wireless
JUL	Accurate GPS? Maybe someday
AUG	Wireless Web Allocations & news
SEP	Rising costs of wireless phone services

UTILITY WORLD

JAN	VOA ute test station; RAF Volmet shifts; AWACS callsigns; Mystic Star freqs/designators
FEB	USAF MARS Stations Closing; ARIA has moved; MOSSAD nets
MAR	USAF MARS; Bosnia IFOR aircraft
APR	USAF MARS Going, almost Gone; Joint Endeavor Follow-Up; Where is 3E7?; Numbers stations and Internet; DoD Flight Info Pubs
MAY	Maritime Safety Broadcasts (NAVTEX skeds & freqs)
JUN	FBI on HF (freqs & callsigns)
JUL	Monitoring the National Guard; Australian Antarctic Comms; Ute World hits 100
AUG	It's Zulu Time - New Zulu designators and background; US Customs on HF; FACSAC and Bluestar
SEP	NASA Aircraft (registration list); Esteem Highly and White Pinnacle IDed; fire season freqs
OCT	Who is Herb?; Maritime simplex channels; CAP frequencies and callsigns
NOV	Marine HF Scaling Down; RTTY press services leave HF; bad times in Bangui; troubles in Bahrain; LNZA ID'ed; Aviateca freq; Zulu designator update

Frequency Exchange (in state order)

City/State	Issue
Breckenridge, CO	Feb
Windsor, CT	Jan
Jacksonville, FL	Mar
Sarasota/Bradenton, FL	Apr
Atlanta, GA	Jan
Atlanta, GA, (trunked)	Mar
Jefferson Co, ID	Jan
Hanna City, IL	Feb
Jackson Co, GA	Feb
Shreveport, LA	Nov
St. Bernard, LA	Apr
Massachusetts Bay TA, MA	Jan
Bloomington, MN	Jan
Bloomington, MN (revisited)	Apr
Hickory Grove, MS	Feb
Sun Prairie, MT	Feb

Official Conn Freq Guide (pocket)		Datafile Probe Version 2.0 (soft)	Apr	Grove Noise canceling mobile speaker	Sep
	Jul	Dynatech Tactical Comms catalog			
Official Maine Freq Guide	Apr		Dec	Grove parts assortments	Jan
Official Mass Freq Guide (pocket)		Early Days of Radio Society	Oct	Grove sun visor mobile spkr	Sep
	Feb	East Anglian Productions "Don't Touch		Grove TUN-4A	Feb
Official New England Freq Guide	Aug	That Dial!" Pirate CDs	Dec	Grove Universal Converter	May
Official New Hampshire Guide	Mar	Eddyworks AR8000 Toolkit	May	Grove Universal Mobile pwr convtr	
Pager Handbook for Radio Amateur		Fire Dept NY videotapes	Feb		May
	Oct	Grove Expo '96 on tape	Dec	Hamco Tape Tenna	Feb
Passport to World Band Radio 1997		Grove FCC CD-ROM v6.0	May	Hamtronics R139 WeSat rcvr kit	May
	Nov	Harlan Tech Color Slow Scan TV	Jan	Hamtronics RWX Weather Receiver	
Pirate Radio	Feb	Heathkit catalog	Jan		Sep
Pirate Radio Directory	Jul	Hoka Code-3 Gold	Oct	ICOM R8500	Jul
Police Call Plus	Jan	Interference Handbook via Web	Jun	ICOM Improves R8500	Dec
Radio Listeners Guide	Mar	Marlin P. Jones (cat)	Mar	Jade Prod gell-cell battery controller	
Radio Programming	Sep	Message Tracker	Feb		Sep
Railroad Radio	Nov	MetroWest catalog	Apr	Jensen Steam Engine	Jun
Same Time, Same Station	Feb	Micropower radio news	Oct	Jensen Tools aluminum cases	Mar
Scanner Listener's Reference Manual		M*Log logging software	Jul	Kiwa DX-394 filter mods	Jan
	Sep	Radio Manager for Windows	Sep	Kiwa premium filter for 455 kHz IF	
Scanner Modifications & Antennas		Radio Spirits catalog	May		Aug
	Jun	RAG Electronics catalog	Apr	Kiwa Pocket Loop	Feb
Scanning w/the Experts	Apr	Rocky Mountain VHF+ (newsletter)		Max System 900 MHz discone	Jun
Shortwave Listening on the Road	Jun		Sep	MFJ G5RV antenna	Jun
Six Meters: Guide to Magic Band	Jun	SCA brochure from B. Elving	May	MFJ-462B Multi-reader	Apr
South Asia Radio Guide	Jun	SESCOM Constructor's Hrdwr Cat	Jul	MFJ-864 Watt Meter	Jul
Spectrum Guide #3	Nov	Spectrum Wall Chart	Oct	Optoelectronics Optolinx interface	
State PD and SHP Badge Guide	May	10-code card	Jan		May
SW Utility Station DXing	May	Techni-Tool (cat)	Sep	Optoelectronics Xplorer	Jul
Transmitter Documentation Project		Telecomm&Multimedia Encyc (CD)		Palomar P-508 Preselector	May
	Mar		Nov	Radio Plus Q-Stick & Q-S+ antenna	
Transmitters, Exciters, & Power Amps		The Scanning Club	Feb		May
	Dec	The Wireman	Feb	Radio Shack HTX242 Txr	Sep
Tropical Bands Survey	Jun	TV Guide Specialists (cat)	Jul	Radio Shack, new scanners	Nov
Tune in on Telephone Calls (#3)	Jan	WeatherBrief (modem & softare)	Apr	Ramsey FM-10,-25,-100	Aug
Ultimate Spy Book	Jul			R.Scott Com, FM transmitters	Nov
Visual Dict of Spec Military Forces		Equipment:		Sadelta CB mikes	Feb
	Aug	AEA Halo 6-m antenna	Nov	ShieldWorks CyberCap, etc.	Dec
Washington-Baltimore Almanac	Feb	Aiwa HS-TS500 SW receiver	Jan	Sony DSS system	Feb
Wireless Basics	Jun	American Tech Corp AM Sounds	Jul	Tucker 2 meter amps	Sep
When the Big One Hits	Oct	AOR AR5000 receiver	Mar	Uniden BCT-10 Beartracker	Jan
World Radio TV Handbook #50	Mar	AOR AR7000	Sep	Uniden Pro350XL CB	Feb
Worldwide Shortwave Listening Guide		Bilal Isotron 160C vertical HF ant	Nov	Universal SCPC-200	Jun
	Aug	BMI Nitelogger II	Jan	Yupiteru MVT-7200	Mar
		BMI Nightlogger II	Jul		
Software, Videos, Services, etc.		Cherokee AH-27 handheld CB	Oct	Reviews:	
AEA ACARS demodulator	Jan	Com Spec TE-64D tone encoder	Dec	ANLI RD8H, RD78H, AT-2 antennas	
AEA catalog	Apr	Cutting Edge Power Port	May		May
AEA More University (soft)	Sep	Drake SW1	Jul	Caig DeoxIT D5	Mar
Buckmasters HamCall CD-ROM	Mar	Drake SW8 case + mods	Aug	DXAID 4.5	Feb
Business News(USSN,RCMA,Tucker)		Dressler ara2000 antenna	Mar	GAP "Titan DX" antenna	Aug
	Oct	Firestik 2MP-4 mobile antenna	Sep	Grove TUN-4A	Jun
Business news (from Expo)	Dec	Firestik no ground plane kits	Oct	ICOM R-8500 vs. AOR AR-5000 (fea)	
Callbook-on-disk (UK)	Jan	Grove Deluxe Mobile Organizer	Jul		Nov
CQ VHF: Ham Radio (mag)	Jan	(Grove) Genesys G-1 antenna	Jul	LF Eng SkyMatch Active Antenna	
CyberHam (mag)	Aug				Oct

Optoelectronics OS535 Interface	Jul
Sky Scan Desk 1300 antenna	Apr
Sony SRF-42 AM Walkman	Jan

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FEATURES:

Broadcast:

An Ear to Indonesia	Feb
HCJB: Sounds from the Equator	Jun
Hope to Hostages	Jan
Mozambique	Mar
Music and SW Radio	May
Nauen Digital SW Station	Nov
Radio Miskut, Nicaragua	Jan
Radio Netherlands Hits the Big 5-0	Aug
R Romania Looking Up	Nov
Shaking Foundations of BBC	May
Shortwave, Sats, & Cyberspace	Oct
Visiting the Voice of Russia	Nov

Human Interest:

AI Gross: A master's touch	Sep
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Miscellaneous:

Confessions of a Cell Site Spotter	Sep
Effective Emergency Coordinator	Mar
HR2369: Another Specter Looms	Oct
Lightning: Global Network	Jun
Menwith Hill Station	Feb
Meteors: Radio out of this World	Oct
MT at 15: an interview	Jan
Send Your Receiver to DX Camp	Aug
Those Terrible (cell) Towers	Sep
1996 Index of Articles	Jan

Scanning:

Area 51 - Phantom in the Desert	Jul
DMAT - Mobile Medical Teams	Aug
Emergency Medical Services	Oct
Flying with the Angels	Mar
Military Aviation - Change in the Air	Jul
Monitoring Commercial Aviation	Jul
Monitoring Montauk	May
Privacy and the Public Airwaves	Apr
Racing Freqs: a la CARTe	Jul
Racing Freqs: Charlotte	May
Scanners at the speedway	Apr
Scanning Techniques that Work	Jan
Super Truckin' (racing)	Jun
There's Something About a Train	Feb
Uniden Parades the TrunkTracker	Mar

Technology and Technical:

Best Earth for Ground	Jun
Code Practice Oscillator/Morse tests	Dec
Garden Galaxy of Lights (FM)	Dec
How to Build a Radio from a Kit	Feb
"Junk-Drawer" Antenna (handheld)	Jul
Multi-Band Resonant Antenna	May
Ultimate Longwave Setup	Dec
Under \$30 Antenna Launch	Aug

Upgrading the Ocean Hopper	Aug
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Utilities:

Beacon QSLing	Dec
Canada's Maritime Stations	Jun
Marconi's California Stations	Nov
Marconi in Ireland	Nov
Morse Code: Down, not out	Nov
Radionavigation in the Baltic	Dec
Signals from Pitcairn	Feb

AMERICAN BANDSCAN

JAN	Stations within stations (SCS)
FEB	The New EAS
MAR	Did I really hear that?
APR	Radio in the Frozen North (CBC)
MAY	Mixed Bag
JUN	Expanded Band Special
JUL	Digital News
AUG	Domestic DX and the Internet
SEP	Phantoms of the Dials (images, harmonics, etc)
OCT	Myths of the Domestic Dials
NOV	Listener's Bookshelf
DEC	Anatomy of a Radio

ANTENNA TOPICS

JAN	Prehistoric Radio (rx by trees)
FEB	Is the Sky an Antenna?
MAR	Easy-Up Beam
APR	Beverage Directional Antenna
MAY	The Tao of Antennas
JUN	Antenna Resonance
JUL	Where's Ground in a Groundplane?
AUG	Using a Counterpoise to Aim High
SEP	The Accidental Radio Signal (static, etc.)
OCT	Thoughts on Multiband Antennas
NOV	Antenna Routing Panel for Rapid Switching
DEC	Half-Wavelength Antennas

BEGINNER'S CORNER

JAN	Finding Time for the Hobby
FEB	Bells & Whistles
MAR	Rediscovering the Gee-Whiz
APR	Websites of Interest
MAY	Mediumwave Moxie
JUN	Random Summer Thoughts
JUL	Nontraditional sources for radios
AUG	Are You Suffering from LMS?
SEP	My Receiver Autobiography
OCT	When Just Any Q Won't Do
NOV	Undoing a Few Myths
DEC	Choosing a Handheld Ham Radio

BELOW 500 kHz

JAN	Resources for Natural Radio
FEB	1-Watt Wonders
MAR	Odds 'n Ends (SAQ tx; DXpedition; AirNav webpage; Satnav vs. Nav aids)
APR	Ken Cornell, Silent Key; Web Update
MAY	Beacon Basics: equipment, beacons, Art of NDB DXing
JUN	LDXA Returns
JUL	Who Lurks in the Basement?
AUG	Lowfer ZWI; new VLF tape; loggings
SEP	Getting Ready; GWEN; Vintage VLF
OCT	LDXA Winners; DGPS challenge; Inside an NDB
NOV	Reader News & Updates
DEC	Basement Changes, Australian DX, Canadian Lowfers, lowfer internet listserver

BOB'S TIP OF THE MONTH

JAN	Remote Monitoring w/baby monitor
FEB	Improving Audio
MAR	Bandplanning SW antenna
APR	Makeshift Antennas
MAY	R8500, R7100, AR5000 Comparison
JUN	Simple stand for portables
JUL	Painless Trunk Tracking (rptr input)
AUG	MW BC Overload cure; BC-3000XLT keyboard trick
SEP	Build an All-Purpose Battery Pack
OCT	Repairing Smudged Displays
NOV	Mobile Extension Speaker
DEC	Cheap, effective scanner antenna

CLOSING COMMENTS

JAN	MT:The First 15 Years!
FEB	Will Scanner Listening Take an Upturn?
MAR	Gingrich and the Cell Phone
APR	Opening Statement to House Subcommittee
MAY	Techno-Terms for the Times
JUN	The Auctioning of the Capitol
JUL	Farewell to a Friend
AUG	Freq Ban Proposal Could End Scanning
SEP	What's the Big Secret? (about classified frequencies)
OCT	Guest ed: America's Cacophony to the World
NOV	Pagers: New Legal Battleground
DEC	Staff greetings

COMPUTERS & RADIO

JAN The Best of the Best
FEB DXtreme's SWL Log; APRS; websites
MAR Top Pick of Decoders
APR Is \$10 Computer a Bargain?
MAY Computer Updates; Websites
JUN Armchair Flights of Fancy (websites related to aviation; FlyteTrak)
JUL Keeping your freqs fresh; ScanCAT Magic
AUG Radiorack decoding program
SEP The Every 2-Yr Computer Blowout; CAT Magic Revisited
OCT Radiorack, SWRL updates; philosophy
NOV CSP Technologies ScannerBase; Kangaroo Tabor WinCAP Wizard
DEC Total RecAll; Problems w ith Windows

DEMAW'S WORKBENCH

JAN A Simple 455-kHz BFO
FEB Home-brewed PC Boards
MAR Tuning the End-Fed Antenna
APR Eliminating Spurious Signals
MAY Active SWL Antenna
JUN LF/VLF Converter
JUL Handy Battery Tester
AUG Breadboards on your PC
SEP A Simple Receiver to Build
OCT Feedline Tips, Equipment Protection
NOV Build a Transistor Checker
DEC Monitor the 6-meter Band

DIGITAL DIGEST

JAN GMDSS
APR ARINC's New Technologies
JUL Digital Resources: DACARS, LABELADD, APRS, Hoka Code-3 Gold Update, Universal M-450, Universal M-8000, Selcall DOS, RadFax 0.9. URLs: FEMA, AirNav, WUN, Globe Wireless
OCT Major Modes and Protocols

EXPERIMENTER'S WORKSHOP

JAN Easy Record-Keeping - II
FEB Tools for the Info Age (MS Works)
MAR Spreadsheet Electronic Design
APR Squelch Improvement
MAY Radio to Computer Data Interface
JUN Memory expansion for 760XLT, 950XLT, 590XLT, 600XLT, R1600
JUL Computer Tools and Utilities for Radio
AUG WinRADiO's Spectrum Scope
SEP WinRADiO Upgrade Opener
OCT WinRADiO - SMT Primer
NOV WinRADiO - Sensitivity

DEC WinRADiO - PLL Noise; cable modem services

FEDERAL FILE

JAN US Marshals; Southeastern Nat'l Parks
FEB Nat'l Forest Service; WHCA chan; More Nat'l Parks; tracking & telemetry; cemetery freqs
MAR FBI on 800 MHz; IRS investigators
APR Antenna Tip-Offs; Freqs from Readers
MAY US Geological Survey; Bureau of Land Management
JUN WUNnerful Intercepts; Federal Law Enforcement Training Center, Brunswick, Ga; Fed Supply Service; Law Enforcement Branch; Smithsonian security
JUL Summertime Skip; Federal trunking in DC area
AUG Fedcom, TrunkTracker radios, and trunkcom; fed trunk sys in Boston, border patrol in VT, NY; Customs in New England; fed freqs from Seattle, Asheville; IFLOWS
SEP Feds are talking...but where? Freqs from Kansas City, Mo, Siskiyou Nat'l Forest, Puget Sound, Camp Pendleton; Feds using FRS?
OCT "Privatizing" Fed Comms (using CMRS); DEA bandplan; NSA system; New FCC DF vehicles; Customs
NOV P/L Tones clues to feds in Houston; Nextel cell/trunked radio; NY Border Patrol bandplan; examples of modes used by feds, Nuclear Transport Safeguard Net; fed monitoring for newbies; Calif. monitoring
DEC Cape Canaveral monitoring; western US reports; Washington area observations; Quantico freqs

GLOBAL FORUM

JAN Just another month on SW
FEB RCI Not Dead -- Again
MAR Why not SW TV?
APR New SW Station for Mexico City
MAY France Quits SW to NA
JUN Monitoradio, WRMI, Give Up SW
JUL HCJB Must Move out of Pifo
AUG SW Situation Mirrors the World
SEP Radio Reading Recommendations
OCT Respect for NA Neighbors
NOV Nigeria Hit by Opposition Radio
DEC Problem of "Wooden" Frequencies

K.I.S. RADIO

MAR Simple Antenna Solutions
JUN Beloved Boat Anchors

SEP Here We Go A-Roving
DEC Tuning in to ATU's (tuners)

MAGNE TESTS

(Reprints of Magne Tests reviews are not available.)

JAN Sharper Image VA100
FEB Becker Mexico 2340
MAR Electro Brand SW-3000 Digital
APR Sony ICF SW-600
MAY International MT718 Portable
JUN International MT798 Portable
JUL Icom IC-R8500
AUG Drake SW2
SEP Grundig G2000A compact portable
OCT Lowe SRX100/Target HF-3
NOV Japan Radio NRD345
DEC Grundig Traveller III

ON THE HAM BANDS

JAN Making Resolutions (test gear)
FEB DX for No Code Techs (working sats)
MAR Morse Keys (Kitano)
APR Simple Keyer; ham newsletter; new Novice questions
MAY New License Structure; domestic QSL Bureau
JUN June contests; W5YI Report; SAREX; G4RAW computer board schematic
JUL Forward-looking ham radio, Phase IIID, Vanity calls, 6 meters
AUG AMSOFT's World of HamRadio CD
SEP Simply Delightful
OCT Lectrokit SP-1B Spider
NOV What's the best HF antenna? (using a transmatch)
DEC Hand Held Hamming

OUTER LIMITS

JAN Europirate Season; NAPRS; Zaire conflict
FEB Radio Free Speech relays; Active Clandestines; Free Radio Weekly; R. Free Lawrence Bust
MAR WJDI Power Record; '96 activity record; R Free Lenawee; web site
APR Pirates using Internet; R Cochiguaz; Huntsville drop; KIWI; Oromo; R Kudirat, Nigeria; R Tellus; Iowa City Free Radio
MAY Micro Pirate Conference; new ACE website; V. of Tibet; Yoder's new books; Numbers Parody; Quello leaves FCC
JUN WJDI QSL; Weiner book; FRN/ACE web change; Mexican DX conference; Micropirate activity

JUL Radio Metallica; IL Micropirates; R Butembo; Rep of TX; Carling's pirate links
 AUG Pirate Loggings Explosion; Metallica retiring?; R Free London; Micropirates
 SEP Radio Metallica using WJDI txmitter; Cuban clans; Nigerian clans; new FRW address
 OCT FM Pirates Increasingly Active; Metallica news; R London returns; R Jemima
 NOV R Metallica moves to ship; Kennard named FCC chair; Voice of Tibet; ACE address correction
 DEC Holidays Increase Pirate Activity; Cuban clan website; micropirate busts

PCS FRONT LINE

JAN Criminal use of cellular
 FEB PCS Modes
 MAR Digital Modes
 APR Fingers in the Spectrum Pie
 MAY Local Service Scramble
 JUN The Politics of Encryption
 JUL The Race is On (FCC auctions, WCS vs PCS, etc)
 AUG Packet switched networks: ARDIS, RAM Mobile Data, Metricom, Ricochet
 SEP Stationary Wireless Devices (new cordless phones, unlicensed PCS)
 OCT The Name's the Thing: CDMA, GSM, NADC; cellular and GPS
 NOV PCS Showcase(products from PCS show in Dallas); auction woes; Reallocation of UHF TV channels; Iridium update
 DEC Cellular companies fight fraud; pager eavesdropping; encryption issues

PLANE TALK

JAN Instrument Landing Systems
 FEB Collision Avoidance (TCAS)
 MAR Air Traffic Trinity
 APR GPWS in Alaska; Albuquerque freqs; ACARS internet list-server; Types of Radar
 MAY Pandora's Clock; Airports; ARTCCs; TCAS; SW Airlines expansion; Honolulu & LA, freqs
 JUN Company Frequencies; Australian aviation
 JUL Sporty's JD-100 scanner; more company freqs; FAA safety data online; Houston freqs
 AUG Separation Anxiety; OEDP; MWARAs
 SEP Charting the Way; MWARAs

OCT Windshear: The unseen enemy
 NOV The Instrument Landing System
 DEC Guide to VHF aero freqs; company freq intercepts

PROGRAMMING SPOTLIGHT

AUG Culture and the Arts
 NOV Science and Shortwave

PROPAGATION CONDITIONS

JAN Readers' Choice
 FEB Reception Against the Rules (skip)
 MAR Propagation Modes
 APR How do you Slew a Curtain?
 MAY Flux and the SSN
 JUN A and K Indices
 JUL Near Vertical Incidence Skywave
 AUG Local Broadcasting with NVIS
 SEP Let's Talk the Same Language #1
 OCT Let's Talk the Same Language #2
 NOV Let's Talk the Same Language #3; bibliography
 DEC Good Month to Hear Auroras

QSL REPORT

JAN Welcome to 1997 - news
 FEB The best link sites
 MAR Try the Diplomatic Approach
 APR QSLing the Heavens (sat)
 MAY Ole Radio Mexico Intl
 JUN Danke Schon Deutschland
 JUL All India Radio
 AUG Kudos to YLE
 SEP ODXA @ grove.net
 OCT Radio St Helena Nears
 NOV Eng Language Programs on Web; AMFMTVDX forum
 DEC DXing.com internet resource

RADIO REFLECTIONS

FEB Trends in QSLing
 MAY Return of the Crystal Set

SATELLITE TV

JAN The 4DTV Gambit
 FEB State of C-, Ku-, and DBS
 MAR DBS Services
 APR Death of T401, Birth of GE-2; Alphastar, DISH, and DSS; HITS
 MAY DISH Weds Murdoch; AlphaStar; CD Radio
 JUN Digital Music Express
 JUL Galaxy 4: One Versatile Satellite
 AUG The Big Dish Advantage
 SEP Lessons from the Field (do-it-yourself repairs)
 OCT Satellite Radio for Your Car: CD Radio & AMRC
 NOV Sat & TV Handbook, Digital Sat TV, GPS Manual

DEC Q&As re hear audio on scrambled video? recommended used receivers? mount dish indoors? local nets on sat TV?

SCANNER EQUIPMENT

JAN Icom R8500
 FEB Radio Shack PRO-2045
 MAR Icom IC-R10
 APR RELM HS200; BC9000XLT labeling tip
 MAY Icom 8500 update; fixes for BC200XLT audio, BCT-7 expanded coverage, BC9000 LCD, PRO2005 backlight
 JUN Innovative Scanner Patents
 JUL BC235XLT TrunkTracker
 AUG Radio Shack PRO-64
 SEP Stridsberg Multicoupler; G/Wiz circuit; using FM trap w/Scout
 OCT Radio Shack PRO-67
 NOV Sporty's JD-100 Air-scan; PRO-62 battery save on/off
 DEC BC895XLT desktop TrunkTracker

SCANNING REPORT

JAN Rooting for Rotors; Huntsville Trunking Debunking; Sharing Scanners
 FEB Trunking Scanners Set to Debut; BearTracker BCT-7 Booster; Tale of Two Scanner Mags
 MAR Massachusetts Police; R-10 Due; scanner story; Police Call Plus
 APR In Defense of Scanning; Antenna check; spectrum auctions; Raleigh, NC, freqs
 MAY Things Scanner Listeners Wish For; race scanning preview
 JUN Mobile scanning equipment options; end-of-winter antenna wrap-up; NE Ga. frequencies
 JUL More new portable scanners; scanner priorities; Nellis AFB freqs
 AUG TrunkTracker Debuts; Trunkcom mailing list; San Antonio TRS; best place to scan?
 SEP Legislating away our freedom? (new anti-scanner bills); Alameda Cal, trunked system
 OCT Acts of Congress-II; Seattle Area Trunking
 NOV Acts of Congress Part III; ultimate scanner; Cleveland OH aero freqs as programmed into Regency TS2
 DEC Winter scanner planning, equipment, monitoring set-up and programming options; Atlanta area scanning (non-trunked)

TRACKING THE TRUNKS

[illegible]

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Inside Italy's RAI	Nov
Logging FM DX	Aug
Mountain Voice (TIS)	Aug
Nigerian Clandestines	Feb
Radio Difusora de Pocos de Caldas	Dec
Tropical Band DXing	Dec
WYFR Story	Oct
Zambia's Christian Voice	Sep

Human Interest:

Excellent DX Adventure	Aug
Jamming Wall	Nov
Real World Radio	Jan

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DXing on the High Seas	Jun
Future According to COMDEX	Feb
Ham Radio for Boaters	Jun
Now it can be told (Greek Is)	Oct
Take a SW DXpedition	Sep
World-Class DXing	Mar

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Inmarsats and How to Hear Them	Nov

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Blue Angels	May
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Identifying Trunked Radio Systems	Dec
Marine Monitoring on Chesapeake	Jun
Mother, Jugs, and Speed?	Jul
Trunking Profile for Atlanta	Jan
VORTAC Goes the Distance	May

Technology and Technical:

AM Transmitter Site	Apr
Antennas for Emergency Ops	Jul
Canada's Billion Dollar Boat	Jun
Dealing w/Strong Signals (tuners)	Apr
Dual-Band VHF/UHF J-Pole	Apr
Installing Oak Tree Antenna	Apr
LORAN-C Navigation System	Jun
Magnetic Loop Antennas for AM	Aug
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Safe SHOALS	Mar
Simple Battery Discharger	Mar
Splitting a Signal	Jan
The Ten-Tec Receiver Kit (1254)	Sep

Turntable for Loops	Apr
Use Your Mobile Scanner Antenna	Feb
Varicap Tuned Receiving Loops	Apr

Utilities:

The Happy Hobbyist (HF scan)	Sep
Monitoring FEMA	Jul
Unlocking the Mysteries of SW	Oct

AMERICAN BANDSCAN

JAN	A Cool Beverage (antenna); sporadic-e; Kiwa pocket regen module
FEB	What happened to the 10-watters? Expanded band news
MAR	Digital BCing in Canada; expanded band news
APR	Ice vs Towers; call letter changes
MAY	Skip Time; Expanded Band News
JUN	Legal Pirates?
JUL	DX Safety (lightning etc); unidirectional antenna?; record-breaking tropo reception
AUG	New AM Targets; expanded-band news
SEP	DX Predictions (propagation); expanded band notes; Chicago megatower
OCT	'The Expanded Band Times'; Australia & UK BC databases on line, AM stereo page, Denver news
NOV	Beverage Questions; Bits and Pieces from Canada
DEC	¿Habla Español? (IDing Spanish language stations)

...AND MORE!

JAN	Family Radio Service--the next CB?
FEB	How to be a hometown hero (Ch 9 emergency monitoring)
MAR	Helping Traffic w/GMRS
APR	Maxon Sp-100G GMRS HT
MAY	Cherokee's Terrific FR-465
JUN	Icom's VHF Marine Transceiver
JUL	Cherokee CB SSB AH-100
AUG	Icom's Potent IC-4008A FRS
SEP	Motorola's TalkAbout(FRS
OCT	Kenwood's Easy to use FreeTalk (FRS freqs)
NOV	Radio Shack's Easy FRS Radios
DEC	Oregon Scientific & Midland weather receivers

ANTENNA TOPICS

JAN	Antenna faults and how to find them
FEB	Antenna Faults, part two
MAR	Is Your Antenna Resonant?
APR	Building Vertical Antennas
MAY	You Need dB Aware of Decibels
JUN	What's Wrong with my Dipole?
JUL	TDR on a Budget
AUG	Design Your Own Field Day

SEP	The Right Antenna for the Frequency
OCT	Some Hard to Spy Antennas
NOV	Why all the noise about noise?
DEC	Christmas Tree Antennas

BEGINNER'S CORNER

JAN	Scanning beyond the ordinary (scouting out new freqs)
FEB	Reviewing the Basics (good communications skills)
MAR	QSLing "the Blanks"
APR	Get w/the Amateur Program (books)
MAY	Air Show Fun
JUN	Marine Radio Connections (collecting)
JUL	Mobile Emergency Preparedness
AUG	Summertime Mediumwave Fun
SEP	Planning for SW Season
OCT	"Spooky" Radio Listening (bandscan for the unusual)
NOV	Understanding Radio Waves
DEC	Listening Tips for the Beginner

BELOW 500 kHz

JAN	Lowfer Update
FEB	Away from Home (DXing), Euro Guide; Low power in Canada
MAR	Pirate Beacons; 73 kHz resources
APR	1912 Remembered (Titanic)
MAY	Hams on Longwave?
JUN	Make Your Own Signals (lowfer transmitter circuit)
JUL	Closer to Getting on the Air (part 2)
AUG	Getting on the Air (part 3)
SEP	LF Exp Source Book; more on the Titanic
OCT	Better Beginnings (converters and how to use, listening targets and directories)
NOV	Tips from Readers: Euro LF, Litz wire, LF loading coils
DEC	Review of <i>Radioscience Observing</i>

BOB'S TIP OF THE MONTH

JAN	Ultrasonic pest controls
FEB	Emergency Power Supply
MAR	Changing ATS-909 Memory Presets
APR	Preparing Those Trade-ins; More on touch lamp RFI; UPS voltages
MAY	Digital Displays for Analog Radios
JUN	Using the Select-A-Tenna
JUL	Listening to Your Remote Control
AUG	How to record from a radio
SEP	Quiteting theGrove SP-200 Click
OCT	Listen and See your Infrared control
NOV	The "Power Tip" Scam

DEC Using Grove FCC Database with Windows 98

CLOSING COMMENTS

JAN Internet Changes Face of Politics
FEB Thanks Larry; Welcome Hugh!
MAR Internuts
APR Whatever Happened to Hydrionics?
MAY Taking Credit Where Credit Isn't Due
JUN Bits and Pieces
JUL Storm tracking could save your life
AUG FCC Proposes More Protective Rules
SEP Media Muddles
OCT Legislators above the Law?
NOV The Frequency List and the Grain of Salt (guest editorial)_

COMPUTERS & RADIO

JAN Recalling a month I'd rather forget
FEB Icom PCR1000
MAR Icom PCR1000 (part 2)
APR WinRADIO 1000i vs IC-PCR1000
MAY WinRADIO Digital Suite
JUN C&R Goes to Paris
JUL Fixing Win95 Problems (First Aid 97, and Nuts&Bolts)
AUG Cyberlock Data Encryption Program; Pentium prices falling
SEP Casio's Hand PC and Windows CE
OCT First look at WinRADIO's WR1500e
NOV WinRadio WR1500e; AirData Mouse
DEC Ten-Tec's under\$300DSP SW receiver

DIGITAL DIGEST

JAN How to forecast propagation conditions
MAR SITOR-A Maritime Mode
APR SITOR-B
MAY The First Digital Mode - RTTY
JUN HF Facsimile
JUL Decoding 3rd Shift Cyrillic
AUG Third Shift Cyrillic - part II
SEP Addressing ACARS
OCT Who Uses the Digital Modes?
NOV Digital Equipment Overview
DEC Digital Reflections

EXPERIMENTER'S WORKSHOP

JAN Upgrading WinRADIO: Selectivity
FEB Computer Programming the PRO-64
MAR WinRADIO secret files unveiled
APR Handheld Scanner Backlight Mods
MAY Revisiting the Homebrew Computer
JUN Network Your Computers
JUL Digital Data Interface Revisited
AUG Data Decoding and Serial Ports

SEP Update on Computer Networking
OCT Automatic NiCd Cell Discharger
NOV Automatic NiCd Cell Recharger
DEC All-Purpose Op-Amps

FEDERAL FILE

JAN WH learning to encrypt; midwest freqs--postal inspector system, Dept of Energy; FBI
FEB High seas counternarcotic activities; US Joint Task Force Drug Interdiction; Itinerants; Agency sharing; auction snafu
MAR Nextel forces digital switch; fed using trunked systems; results using the Opto Scout
APR Smoky Mt Monitoring, TVA, Ft Campbell; militay trunking; FEMA aux ops; DEA freq; FBI D bank, and HF freqs; Customs
MAY Data Freqs in the Fed Bands; More shared freqs; Natl Interagency Fire center; Freqs from Readers
JUN NTIA and other info from internet; Presidential trips; scanning in Idaho, Houston, Was DC, etc; more freqs from surplus gov radios
JUL Executive Branch Travels; "Big Hole" Chatham NC; Black Mt CA antenna site; Nextel iDEN system
AUG Washington goes trunked; Miami news; more treasures from trash; notes from Motorola tour, Facinator radios
OCT FBI to Obtain New Radio System; Dept of Justice andFBI systems; DEA; TVA
DEC Who Controls Government Frequencies?; 162 MHz band assignments

GLOBAL FORUM

JAN A Good Time for Shortwave
FEB FCC accepts Weiner application
MAR Why Women Don't Like DXing
APR More Catholic Than the Pope?
MAY BBC Commits to Digital SW
JUN Hunt Harmonics with Hauser
JUL Milton Keynes new WRTH HQ
AUG Nigerian Clandestines Proliferate
SEP The Problem with Digital SW
OCT Two Views on Clean Signals
NOV WBCQ - An Alternative SW Station
DEC Norway Cancels English Service

K.I.S. RADIO

MAR Computers in the Radio Shack
MAY The Station Engineering Manual
JUL Survival Communications
SEP A Simple Antenna for Shortwave
NOV Heathkit GR-64 Restoration

LAUNCHING PAD

NOV Learning to Love Satellites
DEC Tuning in SW via Satellite

MAGNE TESTS

(Reprints of Magne Tests reviews are not available.)

JAN Sony SW-12/ Sony AN-LP1
FEB Lowe HF-250E
MAR International R-110; Improve Lowe SRX-100 selectivity
APR InterNtional WR-689
MAY Drake R8B - Part I
JUN Drake R8B - Part II
JUL Grundig Yacht Boy 400PE
AUG First look at JRC NRD-545
SEP AOR's AR5000+3 Receiver
OCT Sangean ATS404 Economy Portable
NOV Kneisner + Doering KWZ30
DEC (no column this month)

MILCOM

SEP Welcome to Military Monitoring; Where do you hear the military?
NOV Atlantic City USCG Station Opens; Navy fleet tac channel; USN on Inmarsat + callsigns

ON THE HAM BANDS

JAN Yagi vs. Quad
FEB Books to build your antenna by; NZ Beacon
MAR Sobering ham numbers; use the media; 6m AM
APR More Ham Software (QST View, HamCalc)
MAY Making the Case for Novice
JUN Classic Gear; Icom IC-T8A
JUL Contesting 101
AUG Using a Transmatch; 10 meter AM
SEP Cherokee 6 Meter Handheld Milestone Technologies Spanish key
OCT Kenwood VC-H1 SSTV Unit
NOV Ham's Christmas Wish List
DEC More Good Stuff! (Easy Wire Antennas, Vectronics kits, Nye Master Hand Key, RS stores)

OUTER LIMITS

JAN R Free Berkeley wins another round; Europirate season; interval signals; SRI txmitter closing
FEB CID moves to WRMI; Jorge Mas Canosa; WGTG on 6955?; SMR maildrop
MAR Three sources for pirate logs; Radio San Marino; NA Pirates
APR How to Hear a Clandestine; NAB vs pirates; pirate freqs; SRS contest
MAY Micropirate Growth Creates Controversy; SW Pirate Freqs; New Pirate Web Sites, maildrops
JUN FM busts, thousands still active; pirate web sites; SW pirate activity ; Mid-America conference?
JUL New clandestine internet news service; Radio 510 offers relays;

FM pirate protest; SW pirates active
 AUG Nigerian turmoil spawns clandestines; SW pirate activity
 SEP ODXA expands; R Free Berkeley; SW Relay Service
 OCT WREC Retires; Millenium R.; Pirate CD; Free Radio Survey
 NOV WBCQ: Pirate goes legit; FM Pirate Busts; Europirates
 DEC Voice of the Pig's Ear; Clanny web sites; QSL sources; Europirate skeds

PCS FRONT LINE

JAN PCS Takes Shape in 1998
 FEB The flap over digital decoding (Title III, Walz case), types of digital encoding
 APR Marketing Strategies (SM cards); 911 on cellular
 JUN Wireless Networks Taking Shape (AMSC, ARDIS, Iridium) LMDS auction
 AUG Pinpointing a Cellular Caller
 OCT Cellular Cryptography
 DEC Consumer Choices in the Cellular Market

PLANE TALK

JAN Aero Terminology; Philly and Pittsburgh freqs; new magazine
 FEB QSLing the Airlines
 MAR QSLing a moving target
 APR Tools of the Tower
 MAY Tools of the Trade: Radar
 JUN ATC Center Equipment
 JUL Flight Service Stations
 AUG Clearing the Way
 SEP Curious about the Concorde?; airline callsigns; sample flight plan
 OCT Coming to Terms with Radar
 NOV Radar - Part II
 DEC Aero Freq-for-all (Indpls, Pitts; AF- MWARAs); aero callsign (final in series)

PROGRAMMING SPOTLIGHT

FEB Give us 30 Minutes, we'll give you...
 MAR The Environment
 APR Eavesdropping on Africa
 MAY Eavesdropping on Africa - II
 JUN Play Ball !
 JUL Which Way VOA?
 AUG End of the Year Review
 SEP Make a Resolution to Write
 OCT SW as a Learning Experience
 NOV Tracking the Global Economy
 DEC Holiday programming

PROPAGATION CONDITIONS

JAN Diversity Reception
 FEB NVIS Propagation in NA (part 1)
 MAR NVIS Propagation in NA (part 2)
 APR HF Propagation Beacons
 MAY Carrier Current Broadcasting
 JUN Cheap Electricity with LF
 JUL Snow Static!

AUG On the Coattails of Meteors
 SEP Make this page work for you
 OCT Ionospheric Modification
 NOV Where to Listen on the Bands
 DEC How to Spot Santa Claus (OTHR)

QSL REPORT

JAN QSLing the X-band
 FEB DXing the Bottom of the World
 MAR Out of this World QSL (Mir)
 APR AltaVista translation service
 MAY Transmitter Documentation Project
 JUN DXing the Underground
 JUL QSLing in TV Land
 AUG Where in the World Is...(M-street)
 SEP China Radio Intl, R Christian Voice, R Finland, AWR
 OCT An unbeatable DX Season
 NOV Adventist World Radio; DSCI
 DEC Tropical Band Survey
 _Alaska Calling (KNLS)

SATELLITE TV

JAN Panamsat 5 Flies
 FEB China Central Television (final)

SCANNER EQUIPMENT

JAN Test Equipment Bargains
 FEB More Innovative Patents
 MAR RELM MS-200
 APR RCA RP-6150 Scantrak; Uniden BC235XLT glitch?
 MAY RS PRO-2050 Trunk Tracker
 JUN Opto DC442 Decoder
 JUL Coax Stub; PAR Electronics filters
 AUG Sony ICF-SC1PC WaveHawk scanner
 SEP Orange Book of Scanner Repair; finding service manuals; tone generating test equipment; monitoring ACSB
 OCT AOR AR8200 scanner
 NOV Alinco DJ-X10T
 DEC RS PRO-91 Trunking Portable

SCANNING REPORT

JAN Transformation of HR2369
 FEB Police Call announcement; storm watch drills; Winston-Salem codes; Beaufort Co, SC, trunking profile
 MAR Little-used scanner features; calming scanner fears; using VHF beam antenna; CES overview
 APR We We Do What We Do; Regina trunking; TrunkTracker tips; programming tips
 MAY The New Band in Town (pub safety); HR 2369 passes House
 JUN Incident Scanning(with Trunk-Tracker); Summertime Scanning; Sony scanner; reader letter
 JUL Twister Search '98
 AUG Tornado Chasing a Scanning Utopia; Rubber Duckies

SEP The Digital Invasion; Logic trunking; Oklahoma City trunking; NYC trunked system
 OCT Random thoughts on scanning; new FCC service codes
 NOV The New Band to Scan; Florida fire comms and Fla. trunking
 DEC Statewide Systems; Massachusetts Agencies

UTILITY WORLD

JAN Flash Comm HF System; GHFS digital tones
 FEB Wonderful World of Utilities (overview and good-bye)
 MAR Sea Change in Maritime Mobile Service (CW to GMDSS)
 APR Does anybody know the time? (WWV and WWVH)
 MAY We've Got Your Numbers; Mossad loggings
 JUN Unraveling NATO Identifiers
 JUL Hurricane Frequencies
 AUG US Stratcom Zulu Update; DEA Joint Task Force
 SEP US AF MacDill Signs Off; GHFS moves to Scope Command
 OCT Spook Radio (spy, clandestine, and number stations)
 NOV NCS: Swords into SHARES
 DEC Is there life in MARS?

VIEW FROM ABOVE

NOV Keeping an Eye on the Weather
 DEC Keeping up with the Latest (web sites, Operational WXSATS; INSAT, Hurricane Georges, America's OSEI)

WASHINGTON WHISPERS

JAN New FCC commissioners; Internet Tax Freedom Act; FCC RF Safety guidelines; personalized call signs
 FEB FCC action against Fla Pirates; the state of microbroadcasting; FCC to move administrative offices
 MAR Vermont fights federal preemption of telecommunication tower restrictions; Senate and House bills to allow local enforcement of FCC regulations
 APR Consumers' Top 10 Telecom Concerns
 MAY FCC agrees to examine "Microstations": 2 petitions
 JUN FCC makes major revisions to Equipment Authorization Process; Universal Licensing System; GMRS deregulations; Congress pushes for earlier taxation of Internet
 JUL The FCC: Who they are and what they do
 AUG How to Participate in the FCC Process
 SEP Radio Free Berkeley Unplugged; Vanity license reduced

BayGen Freeplay 1 & 2 radios	Jul
Creative Express Corp Ergo 3 soft	Mar
Icom IC-T8A Tri-band Transceiver	Aug
Future Scanning Sys Radio Max	Oct
Kiwa Earth Monitor	Nov
MFJ Gian Display Calendar Clock	Sep
MFJ-418 Morse Tutor	May
Opto MicroCounter	Jan
Opto RF Detector	May
Opto Trakker	Jun
Palomar Loop Antenna System	Apr

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Broadcast:

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Behind the Mic at Columbia Square MAR
Radio Australia looks to the Future FEB
Radio Canada Intl SEP
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The New VOA AUG
TIS - Original Microbroadcasters NOV
Turning Point for Intl Broadcasting JAN
1998 Shortwave Year in Review MAR
193rd Special Operations Wing JUN

Human Interest:

Alone on the Pacific (Mick Bird) MAY
A Volunteer for the CG Auxiliary APR
Eyewitness at the Solar Eclipse OCT
My First Radio SEP

Miscellaneous:

A Common Date/Time Standard JAN
Compliance Enforcement at FCC MAY
Privacy Bill Resurrected APR

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Join the Search for ET JUN
Live Pictures from Mir JUN
Tuning in to Radio via Satellite MAR
Weather Satellite Primer JUL
Whispers from the Cosmos JUN

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How to Identify FM Skip FEB
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San Diego Regional Comm Sys OCT
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Scanning in Las Vegas JUL
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Tuning in to the Power Grid DEC
Vacation Scanning at Yellowstone JUL

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Aerial Magic APR
Aiming Your HF Antenna DEC
Alternative Power Set-up JAN
Build Your Own Wx Station AUG
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Construct an L-Band Feedhorn APR
Filters - the Critical Element DEC
Hey, hey, hey - It's Y2k OCT
Improvements to the Sony 2010 AUG
Monitoring Strategies for Y2k NOV
OptoCom receiver review MAY
Quadraform LF Loop Antenna NOV
Radio Propagation and the Sun FEB
Random Length Wire Antenna APR
Tape Recording from the Radio SEP

Utilities:

DXing Latin America by Air SEP
Homing in on LF Beacons NOV
Monitoring the Crisis in the Balkans JUN
The Rise and Fall of WCC DEC

Time Standard Stations

AMERICAN BANSKAN

JAN Bits and Pieces
FEB DXing on the Road; expanded band news; bits & pieces
MAR TLSa (three letter acronyms) and other annoyances; applicants for CBC AM channels; expanded band map
APR Beaming In (directional arrays)
MAY Domestic DXers Abroad; expanded band news; harmonics
JUN Book reviews of *AM Broadcast Stations*, *AM Radio Log*, *FM Atlas*; Expanded band news
JUL FCC Online; bits&pieces
AUG IDing that unID
SEP New and Improved; operational expanded band stations
OCT Fading - is it inevitable?
NOV Bits&Pieces
DEC Y2k and Broadcasting; US-Mex agreement on expanded band
Crystal Ball; digital TV DX; other services on 1610

...AND MORE!

JAN Maxon's Full-Featured FRS-214
FEB Cherokee's Potent FR-460
MAR Motorola's New TalkAbout TA280
APR Motorola's TalkAbout Distance GMRS
MAY Cherokee's FR-465plusVW FRS; 47 CTCSS tone table
JUN Cobra's Formidable Line of MicroTalk FRS Radios
JUL Drake FRS Sport 110 Raises the Ante
AUG GMRS Rule Changes
SEP Maxon's High Quality GMRS 21X
OCT First Alert WX-67
NOV Oregon Scientific WR-102 Wx radio
DEC Cobra's Innovative MicroTalk Weather FRS radio

ANTENNA TOPICS

JAN The Half-Square Beam; *Antennas and Technique for Low-Band DXing*
FEB What difference does a dB make?
MAR Handy Tool for Antenna Work (MFJ 259B)
APR What Does an Antenna Do?
MAY Direction Finding Techniques and Antennas
JUN Repeaters and their Antennas, cavity resonators
JUL Vacation with an Antenna
AUG Antennas Designed for Reception
SEP What is a "DX Antenna"?
OCT Remote-Control of Antennas
NOV The many faces of lightning

JAN

DEC

The Popular Half-Wave Antenna

BEGINNER'S CORNER

JAN Around the World Yet Again
FEB Getting Started in Amateur Radio
MAR Indoor Antennas and More
APR Great Radio Reads
MAY Setting up a monitoring post
JUN Kit Building the Uncle Skip Way
JUL Special Summer Listening (weather events, circus and fairs, sports, special event stations and DXpeditions, random tuning)
AUG Radio Tools from the Office Supply Store
SEP Listening 101
OCT Developing Logging and Confirmation Skills
NOV That Pesky Propagation
DEC Keep on Having Fun!

BELOW 500 kHz

JAN Nipping the Noise; Beacon directory
FEB Lower Update; GWEN gone; new LF band?; hunting for S118
MAR Voice BCs on Low Freqs; active TWEB and AWOS stns; DX camp results
APR Longwave towers; West Coast net
MAY Longwave Online; loggings
JUN Ham Band Update; Euro-Beacon Guide; logs
JUL Your FAQs Answered
AUG Surfin' for LW Sites
SEP Natural Radio - An Introduction
OCT Natural Radio - The Hardware
NOV Did you know? IDs; call assignments; FAA beacons; splinter freqs; harmonics; homebrew natural radio
DEC A Look Back (letter from a former ship radio officer)

BOB'S TIP OF THE MONTH

JAN Spool Antenna for Portable SWLing
FEB Converting an AM/FM for aircraft/public safety reception
MAR Hint by the Handful (24 hr time on 12hr watch; check Uniden for RS cost savings; custom cataloging MT articles; dust your radios
APR Synchronous detection and Digital RF signal generator for the technically adept
MAY Better reel antenna/Memory keep-alive while changing batteries
JUN Roll your own NiCds
JUL More on the Fat vs. Thin Antenna Wire; More on License-Free Wireless Mike; More on Sony Memory Battery Replacement

AUG Two radios, one antenna; one radio, two antennas
 SEP Pocket organizers and PDAs, Reducing circuit noise in used rcvrs; Using your car stereo for scanner/sw sound
 OCT More Sony ICF-2010 Audio Improvements (better audio, better bandwidth); circuit correction for August feature
 NOV More earphone audio on BC scanners
 DEC Fixing Intermittent Sony 2010 Battery Operation

CLOSING COMMENTS

JAN The Millennium Dilemma: Myth or Monster?
 FEB Bits and Pieces (ridiculous regulation; Leonid meteor storm; hobby rebound)
 MAR Great Wailing and Gnashing of Teeth (The Right to Listen; A New Ham Test?)
 APR Radio Waves and the Human Body
 MAY The FCC on the Hot Seat
 JUN Scanner Listeners and the Law
 JUL The Frequencies, They are a'Changin'!
 AUG In Opposition to "Technospeak"
 SEP The Results are In - How Do You Measure Up?
 OCT Y2k - Myth or Monster? You decide.
 NOV Looking Back as We Move Forward
 DEC Greetings from the MT Staff!

COMPUTERS & RADIO

JAN A Reflection on Computers & Radar
 FEB 3.4 Million freqs (Grove FCC database) and the COMDEX Report
 MAR AirNav 2.10
 APR DXtreme Software's SWRLgold V3.0
 MAY Software radio prospects / SkySpy ACARS decoding program
 JUN Interfacing with the Icom IC-R2 (website to build or buy interface, R2 utility program)
 JUL Get the Picture with RadioCom 3.52
 AUG Seeing is Believing with VisualRadio
 SEP Flight Databases Plus v4.0 ACARS Add-on
 OCT AirNav 3 - NOT Just a Revision!
 NOV The Duality of Life on the Internet
 DEC The Better Side of the Internet (Jet Radio)

DIGITAL DIGEST

JAN Who's on Where?
 FEB Who Uses What? Part 2

MAR Twinplex - SITOR ARQ on the Double; new sequential duplex ARQ system?
 APR Catch Coquelet-8 before it's too late
 MAY Gearing up for complex decoding
 JUN Old systems going strong (Havana, Cairo embassies)
 JUL Computerized Monitoring Aids (NSK PC Freq Manager)
 AUG Robust Romania
 SEP Piccolo
 OCT Two's Company, Thirty Six is a CROWD; Chinese diplo moving to PSK
 NOV PSK - HF Digital's Brave New World
 DEC PSK - Part 2

EXPERIMENTER'S WORKSHOP

JAN Mastering the Grove FCC Database
 FEB Data Decoder Interface for Trunk Following
 MAR Soup up your Computer for Radio
 APR Dual Polarity Power Supplies
 MAY 4-Level FSK data decoder interface
 JUN Modifying the Sony WaveHawk - baseband audio, data decoding, S-meter, AM and WFM baseband taps, tape recording, backlight, extended memory
 JUL Computer Update: Trends & Features
 AUG Tools & Techniques (building and equipping the workbench)
 SEP Update on Computer Networking - II
 OCT Computer Tools, Utilities, and Tips for Radio
 NOV Electroluminescent Panels
 DEC The End of an Era

THE FED FILES

FEB Where have all the fed freqs gone? (Standard Federal Trunked land mobile systems); 163-163.9875 allocations
 APR Nat'l Disaster Medical Sys; more on 120.375 MHz; 164-164.9875 MHz allocations
 JUN Monitoring in W. Arkansas; DEA in San Diego; FF updates from readers; 165-165.9875 MHz allocations
 AUG US Fish and Wildlife Service; 166-166.9875 allocations
 OCT Fed Files mailbag: NC Feds, More FBI Freqs, US Fish and Wildlife update, Blue Ridge Pkwy; 167-167.9875 MHz allocations
 DEC Monitoring Y2k the Government Way (by-agency and by-freq listings)

GLOBAL FORUM

JAN Update on HCJB's Pifo Problem

FEB "Anything Goes" Gone
 MAR France Snubs Western English Speakers
 APR Sunspot Peak; BBC Comes Clean about 3-year plan
 MAY Antarctica's Archangel on the Air
 JUN Find it on the web (IBB; SEC)
 JUL China Sneaks in Cuban Relay
 AUG Arne Skoog 1913-1999
 SEP Thanks to Cuba and China, Jamming Continues
 OCT Deutsche Welle Faces Radial Cutbacks; Don't Miss this Radio St Helena Day
 NOV WBCQ Celebrates One Year
 DEC CIDX SW Listener Survey

HOT NEWS

JAN Program Changes in a new BCing Season (R Prague, R Vlaanderen, R Netherlands, WRN, Polish R Warsaw, R Australia, R Taipei Intl, BBC America, WRN-1
 MAR Radio Waves, VOA to Africa, views of earth from space on internet, Art Bell update
 APR BBC Singapore; DAB portable receivers; ODXA Milestone; EDXP electronic newsletter; Hard-Core DX emailing list; Mac using SWLs on the increase; WRN selected programming
 MAY DW Radio Worlds; Grove free stuff; WWCR DX block; ODXA Radio Fest; Internet radio; sunspot webpage; NOAA radio; selected programs
 JUL Kosovo Crisis
 SEP BBC World TV
 OCT Radio Republik Indonesia
 NOV SWL Programs
 DEC BBC, RN highlights; new SW WTJC, Newport, NC

K.I.S. RADIO

JAN "Doomsday Radio"
 MAR Restoring the Hallicrafters S-38
 MAY More Mobile Station Solutions
 JUL Kits to Keep it Simple
 SEP Audio Enhancing Devices (DSP)
 NOV Bringing Hidden Treasures to Life

LAUNCHING PAD

JAN Is this Mess Necessary?
 FEB Let's Accessorize!
 MAR Putting it all together
 APR Prosat DVB Digital Receiver
 MAY Satellite Launch Update; mailbag
 JUN Multi-Satellite Reception with a Fixed Dish; Mail bag
 JUL Touring the Atlantic Satellites
 AUG Zinwell DVB Satellite Receiver; joys of digital reception; Bob Cooper
 SEP Uniden's SQ-590: Last Chance for a Talented Receiver
 OCT Hot Tips on Cold LNBs
 NOV Your DVB Questions Answered

DEC DBS Update: The Latest on Small Dish TV

MAGNE TESTS

(Reprints of Magne Tests reviews are not available.)

JAN Grundig Platinum Traveller Portable; Drake no longer servicing older models
MAR RS DX-397 Compact Portable
APR Emergency Radio: Info-Mate 837; Sony introduces ICF-SW07
MAY Sony's ICF-SW07 ROM-tuned portable
JUN Luke DP-976 Emergency Radio
JUL Latest Version of Japan Radio's NRD-545; Grundig Yacht Boy 300PE being introduced
AUG Grundig Yacht Boy 300PE
SEP Icom IC-R75
OCT WinRADIO 1500e PC Receiver
NOV Virtual Radio: Icom IC-PCR1000
DEC Kachina's Proposed KC-105CRX Receiver (a look at Kachina KC-505 tx)

MILCOM

JAN Monitoring the E-8 Joint Stars; Spectrum holes; NJ mil freqs
MAR The 1999 Air Show Season, Blue Angel and Thunderbird skeds and freqs; US Army MARS freqs and designators; midwest air-to-air loggings
MAY The Hidden Military Aircraft Band; What's on 138.925?; midwest monitoring; Coronet and HF refueling freqs; N. Fla milair freqs
JUL USS Enterprise; MCAS Yuma; NG Y2K Exercise; Naval tailcodes & callsigns
SEP New HF Zulu Freq Found; Mystic Star Update; Randolph AFB; 442nd Fighter Wing presets; Wright Patterson TRS
NOV The Civil Air Patrol; Des Moines Intl and midwest logs; Have Quick Freqs; MacDill AFB; Military trunking systems survey

ON THE HAM BANDS

JAN You can bet on this Bob-tail; *Building and Using Baluns and Ununs*
FEB Restructuring; Radio Shack repeater; *Hiram Percy Maxim*; email
MAR Let's Talk about Ham Radio; The Internet and the Michigan Mighty Mite QRP transmitter
APR W6SAI HF Antenna Handbook; QST archive projects - Pitchfork antenna, checkers on the air
MAY SWLing for hams; Flight of the Bumblebees
JUN Adventure Radio Society; Light House Day and other special events; Hamcalc Ver 38; ARRL web site and Ike's Soap Box

JUL A Different Antenna (Hentenna)
AUG Is It High Enough?
SEP Clandestine Radio (compact and hidden antennas); 6-m FM
OCT Cutting Your Losses (transmatch); Mosley antennas; entertaining hams
NOV Ike's Santa List
DEC Hamming on the Internet; AM freqs

OUTER LIMITS

JAN Four SW Pirates Busted by FCC; Joe Mama killed; Metallica tx
FEB SW Pirates adjust to FCC Busts; R Cochiguaz; Stoneham maildrop closing
MAR Pirate Radio at Winter Fest; R Free Vermont vs. FCC; new S American address; bust update
APR New editors at Free Radio Weekly; New ACE address; Europirates audible; clannie news
MAY Jimmy the Weasel bust; *Radio World* endorses LPFM; W807; Europirates still heard
JUN Radio Free Berkeley Returns; Radio Caroline; Serb Clans?; S Am Pirates
JUL ANARC Net on Summer Vacation; Schoech QSL page; FCC embarrassed; Radio Eclipse wins Poll
AUG Jimmy the Weasel Denies Bust; WBCQ schedule; Radio San Miguel
SEP Numbers Station CD Available (Smolinski); Finn web page; Radiodifusora Paraton
OCT La Voz de Alpha 66 Founder Dies; South American Pirates; Another micropirate bust; Zantow web site
NOV South American Pirates; Berkeley Liberation Radio
DEC Winter Prop Boost Europirates; Clandestine Radio Watch

PCS FRONT LINE

FEB Protection against cellular fraud (authentication, RF fingerprinting; wireless telephone protection act, subscription fraud, insider fraud, network intrusions); 220 MHz auction
APR Touching Bases: Iridium, Globalstar, AT&T, Sprint PCS, AirCell; Sony phone warning
JUN Surfing the Web on a Mobile Phone -- wireless apps, smart phones, GPRS, Bluetooth, Ricochet
AUG Who Pays for that Cellular Call?; new area codes; new spectrum allocations; Global System for Mobiles
OCT Iridium Woes; FBI Stalls Satphone Licenses; Dial 911 Anywhere

DEC The Evolution of PCS, Globalstar, Orbcomm

PLANE TALK

JAN More HF Control Frequencies
FEB Monitoring Accessories and Activities; western hemisphere MWARAs
MAR March Madness (humor); ATC separation standards
APR ATCC simulation; Murphy's Law; Delta map and Salt Lake City freqs, Minn/St Paul freqs
MAY Enhanced Traffic Management; System; Airport surveillance radar
JUN A Toast to Air Traffic Controllers
JUL Shanwick Radio; Airport Movement Area Safety System (AMASS)
AUG Travel with the Flying Pig (videos); A visit to Poland's ATC
SEP Stockholmradio; SF Bay Tower freqs; transponder code assignments
OCT Airport Hopping - Balt-Wash Intl, Wash Reagan Natl, Dulles Intl, Chicago Midway, St Louis KS, Kansas City Intl; Light Humor
NOV Florida Freqs; Chicago O'Hare; Wash DC; Murphy's Law
DEC Forth Worth ARTCC; book review *Five Miles and a Thousand Feet*; LAX video available from Flying Pig

PROGRAMMING SPOTLIGHT

JAN Learning to Fish - 1
FEB Learning to Fish - 2
MAR The Literate Listener
APR OK, Where do I start?
MAY One for the Veteran Listener (quiz)
JUN Down Memory Lane (answers)
JUL Traditional Life
AUG Summer Heat: Sport and (BBC) Controversy
SEP Music on SW - Evening Prime
OCT Music on SW - Morning Prime
NOV Music on SW - Foreign
DEC Charting a Future for Int'l Broadcasting

PROPAGATION CONDITIONS

JAN Worldwide Broadcasting Conflicts
FEB Sounding the Ionosphere
MAR Causes and Effects of Ducting
APR Bibliography of the Sun
MAY Bibliography of the Sun - II
JUN Knife Edge Refraction
JUL ELF/VLF/LF Prop Modes - I
AUG ELF/VLF/LF Prop Modes - II
SEP - ELF/VLF/LF Prop Modes - III
OCT Where to Listen in 1999
NOV How to Use This Page
DEC Santa Claus - a Man of Many Modes!

QSL REPORT

JAN Nordic SW Center Website

FEB Double Dutch Treat
 MAR Sign of the Times? (changing QSL policies)
 APR Signs of the Times - Part Deux?
 MAY The SWL QSL card museum
 JUN You Asked for It (all-reports)
 JUL Summer Grab Bag
 AUG Hot August QSLs (RTBF)
 SEP September, and the DXing is Easy!
 OCT QSL VHF Low Band Stations
 NOV DXing India
 DEC Special QSL Cards for DXers(R Australia and German Maritime Radio)

SCANNER EQUIPMENT

JAN AOR AR7000 Wide Coverage Receiver
 FEB Radio Shack PRO-2066 Mobile Trunking Scanner; Improved feel for Drake R8B tuning knob; Download Uniden user manuals
 MAR ICOM RS-8500 Software; PRO-34 discriminator output
 APR Icom IC-R2 Portable Scanner; ITT Mackay Marine 3031A rcvr
 MAY Remote Scanner Monitoring; Longer MX-4000/4200 battery life; PRO-7A repair
 JUN Mini-Circuit's ZFSC-4-1 Splitter; more notes on Icom IC-R2; new Electra Corp scanner?; Batteries Plus; Skyway aircraft band converter
 JUL Racing Electronics RE2000 Alpha Portable Scanner; May column correction
 AUG AOR AR16 portable scanner; Harris RF-590 receiver
 SEP Uniden BC245XLT TrunkTracker II
 OCT Plectron R700 Monitor Receivers
 NOV Uniden BC278CLT Scanner
 DEC Uniden BC248CLT Scanner

SCANNING REPORT

JAN Flying and Scanning by GPS
 FEB A Lesson from Boston PoliceRadio; morals about messing with the media; Police Call 1999
 MAR Future Railroad Scanning (trunking debate); scanning antennas & Nil-Jon antenna review; Massachusetts Monitoring (part 2, completed)
 APR CES 99 Report; (BC-245XLT announcement) and no-shows; CT state police update; scanner repair (G&G Comm); Ft Worth, TX, public safety sys; Savannah / Chatham Co / Tybee Is., GA, trunked repeater system
 MAY Scanner MARKeting-You tell us; Disaster monitoring in Canada; Utah Co, UT, trunking; Montgomery Co, PA, trunking; Ericsson plans in N Calif

JUN CT SP on the Move; Nil-Jon antenna follow-up; contributions & queries from readers; Trends in pub safety comms; news & notes
 JUL The Digital Dilemma; open airwave policy in Las Vegas; Longview, TX, trunking; NWS computer-generated voice
 AUG The Bearcat 245XLT - What's it all about?; Palm Beach Co Fla sheriff, fire/rescue, W Palm Beach trunked system
 SEP The Good Old Days (LAPD comms on Adam-12); Scanner Marketing follow-up; Busch Stadium, Halifax, Portland, trunked systems
 OCT Canadian Digital Scanners; Groton CT Fire Dispatch; Promoting Scanners; Consolidation Continues; Wash State Ops; Southern Linc Blues; Wilmington NC Trunking
 NOV Big Changes in the Big Apple; scanner marketing follow-up; Wash Co, OR, trunking; new CA business licenses
 DEC Uniden's SmartScanner (how service works); Trunking Report (Pinellas and Pasco Co, Fla); Police Call excerpt Vol 8

SERVICE SEARCH

MAY Marine Radio Monitoring
 JUN Civil Aero Assignments
 JUL Gearing up for a Revolution (refarming); Stat e Law Enforcement Agency Allocations
 AUG Emergency Medical Allocations
 SEP Forestry Conservation (state & local)
 OCT Police Service Allocations
 NOV Highway Maintenance Service
 DEC Fire Frequency Allocations

UTILITY WORLD

JAN Rescue Coordination 1999
 FEB Listen for USAF Salinas Global (GHFS)
 MAR More Israeli Intelligence Freqs
 APR Sunspots (solar cycles and how to interpret solar indices reports)
 MAY Monitor the Y2K Countdown
 JUN More Maritime Changes; Numbers update; HWK7 not French Navy
 JUL Are Planes Going Digital? HF ACARS; More New Star
 AUG Globe Wireless jumps the Morse ship, Global Radio Network
 SEP Updated CG Wx Sked; drug war leaves Panama; web ute resources; bogus numbers BCs
 OCT Spooks around the Clock; More Cuban Strangeness; Spook Radio Schedules
 NOV US Armed Forces on HF?
 DEC Y2k, the Witching Hour Approaches - likely activity ,

freqs, dates, agencies, callsigns, nets

VIEW FROM ABOVE

JAN Wild and Woolly Weather (WXSATs; RESURS; GOES-8; STS Orbit plus; Kepler element sources)
 FEB Using Primary Data formats
 MAR Watching Iraq; operational Wesats; Polar Wesat status; SICH-1 and OKEAN-4; GOES Y2K tests; GOES-L; solstice images
 APR Scanning the Weather Sats
 MAY So GOES the weather; DMSP image; new products
 JUN Storms over Yugoslavia; NOAA-15 Chan 3A,B; NOAA APT Calibration markers; NOAA-15 data drop-outs; Using NOAA data
 JUL Beauty and the Beast - antennas, computer upgrades; operational wesats; new Chinese wesat; new Landsat launched; new Indian imaging sat; first pics from Insat-2E; correspondence from India
 AUG Seasonal Satellite Viewing; FengYun-1C; Free tracking software; WxSat launches; GOES-L launch delayed
 SEP WeSats Here to Stay: GOES Wefax; WXSAT emailing list; GOES-L launch delay; more software and updates; images of hot weather
 OCT Way to Go, GOES! NOAA information sites; sources of current Kepler elements
 NOV More on GOES-East; operational WXSATs; short-term outages from GOES
 DEC T Build or to Buy?; Operational WXSATs; Iceberg Imaged; EMWIN; GOES-East

WASHINGTON WHISPERS

JAN FCC Curbs Violations
 FEB renter's antenna rights; new WTB bureau chief; Sony recall; HDTV future
 MAR FCC agenda for 1999; coalition petitions FCC to let market determine high speed Internet;; e-commerce and reforming FCC on Congress agenda; low power FM NPRM on FCC website; 19 pirates shut down; equipment approval system privatized and streamlined; real estate alliance appeals satellite dish ruling
 APR FCC Proposes Low Power FM Service
 MAY NR514 passes House; Tauzin opposes LPFM; taxing internet coming; Fcc shuts down Vibes 89.1 FM , Grizzly Peak repeater, ham operators
 JUN Amateur Satellite(was) to Promote Commercial Venture

[illegible]

& Lubricant	AUG
Sony ICF-B200	MAR
Tigertronics BP-2M digital modem	DEC

Monitoring Times 2000 INDEX

FEATURES:

Broadcast:

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DXing the AM BC Band (MW)	FEB
Far Eastern Rendezvous	SEP
Guide to Addresses - Asia, Pacific	SEP
Guide to QSL Addresses - Africa	OCT
Guide to QSL Addresses - S Am	DEC
Independence and Innovation VOA	MAY
Leo Sarkisian: Music Man of Africa	OCT
Listening in on Africa	OCT
Listening In on South America	DEC
Regional Music - Asia, Pacific	SEP
San Francisco's Radio Heritage	DEC
Somalia on Shortwave	JUN
Summer DX Challenge (Baseball)	JUN
TWR on AM from Bonaire (MW)	MAR
Using Music to ID SW Stations	FEB
Visit to Spanish National Radio	NOV
VOA Cuts European Services	APR
VOA Special English	MAY
WCPE: FM Radio for 2000	JAN
WINB Surviving on Shortwave	MAR

Miscellaneous

Antarctica Communications Today	JAN
Index of Articles 1999	JAN
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Satellites

Amateur Radio Survives in Mir	JUL
Decoding the Russian Navsats-I	FEB
Decoding the Russian Navsats-II	FEB
Phase 3D	JUL
Primer on Satellite Groundstations	JUL
SatCom North Arctic Expedition	AUG
Space Action on AMSATs	JUL

Scanning:

Crisis in North Carolina (ham radio)	FEB
Developing "The Ear" for Radio	NOV
Field Trip for the Scanner Listener	JUN
How Far is "Line of Sight"?	MAR
NASA/Space Shuttle Guide	JUL
Roadtrip! Scanning I-35	DEC
Scanning Salt Lake City	MAY
Scanning Profile of Chicago	OCT
Understanding Handoffs Comms	AUG

Technology and Technical:

Bluetooth: New World of Wireless	SEP
Budget FM-DX Antenna	MAY
DX Lifesaver: MiniDisc Recorder	SEP
There are antennas and <i>Antennas</i>	APR
Extending the Range of Quad Loop	APR

20th Century Nostalgia

Ice Cold Radio: The Byrd Exped	JAN
Forbidden Signals fm Ancient TXer	MAR
Jasper's Antique Radios	JUN
MaritimeMuseum for Monitors	MAY
Monitoring with Vintage Ears	OCT
The Radio War over Vietnam	APR
Voice of Tomorrow Clandestine	AUG
Waiting for the Go Code	JUL

Utilities:

ALE: HF Comms in New Millennium	
Ham Radio Special Event Stations	SEP
Monitoring Pacific Ocean Flights	AUG
North Atlantic Crossing	AUG

AMERICAN BANDSCAN

JAN	Propagation by Groundwave
FEB	Mailbag: AM Radio Log, WTIR Orlando, Slinky antenna, new 690/940 occupants, FCC auctions 5 stations
MAR	X-Files Radio - oddities and possible causes; 690/940 occupants IDed; applicants for 740; federal use of TIS
APR	Low Power FM
MAY	Reference Aids
JUN	More Low Power FM; new 3-letter stn in Canada; daytime DXing; more on Slinky antenna
JUL	Popularity Contest (radios used by DXers); new X band stn; skip and other unusual receptions
AUG	That Spotted Ole Sun (solar flux and MW reception)
SEP	It's Back(CBC powerhouse stations); First LPFM filings (esp Atlanta area); MW database websites; deceptive logging
OCT	Timesharing and End of WMAQ
NOV	SRS and SSS (skip techniques); new Xband stn in Idaho; station sold on ebay; WLS nostalgia site; WTFDA concention
DEC	New AM Station licenses; LPFM news; receivers for MW DXing, freq swap in Phoenix

ANTENNA TOPICS

JAN	Antennas and the new century: above HF, trends, in HF antenna work
FEB	Vehicular Antennas - I
MAR	Vehicular Antennas - II
APR	Antenna Design Programs
MAY	Multi-Band Antennas
JUN	Some Antenna Tests and Measurements
JUL	Building Your Own Antennas (dipole)
AUG	A Legendary Multiband Antenna (multiband dipole)
SEP	Groundplane Antennas
OCT	Survey of Antenna Directivity
NOV	Antenna Books: ARRL Handbook, ARRL Antenna Book, HF Antennas for all Occasions, W6SAI Antenna Handbook, Practical Antenna Handbook, Aerials series
DEC	Noise - The Arch-Enemy

BEGINNER'S CORNER

JAN	How House Wiring Works
FEB	File Box Fun

MAR	Of Dropped Shoes and the Future
JUN	Of Ham Radio
APR	Spring Reading(Pssport, Crystal Bldg, AM BC Antenna Systems, Inside Amateur Radio)
MAY	The Science Fair Crystal Set
JUN	Join the Club
JUL	A Great Tale (DeMaw's Tuna Tin 2)
AUG	Reasonable Recycled Receivers
SEP	New Beginnings for the Beginner's Corner
OCT	Only SWL Antenna You'll Need
NOV	Finding the Perfect SW Receiver
DEC	10 Meters Makes Commuting Fun!

BELOW 500 kHz

JAN	Beacons Alive and well; identifying new signals
FEB	Prime Time- selected DX beacons; visit to Hammond museum of Radio
MAR	(Building) A Natural Radio Receiver
APR	Buttoning up the Natural Radio
MAY	The Great Outdoors (DXpeditions)
JUN	Catching Up: loggings, log prog; souped-up loop, Loop Antenna Handbook
JUL	Summertime Tips; BeaconFinder Updates
AUG	Tuning in to NAVTEX; DGPS news; Web updates
SEP	Longwave - Many Hobbies in One
OCT	Season Opener (antenna, receiver checks), publications, experimental station, video project
NOV	News, Tips, & Loggings: LW websites, manuals, Litz wire; Canadian postal abbreviations, Scrapbook requests ,logs from BeaconFinder
DEC	Prime Season - Chasing Euros; Beacons; Lowfers; going lower

BRIGHT IDEAS

JAN	Get Organized
FEB	Lost and Found
MAR	Understanding the Incident Command System
APR	Leashing the Internet
MAY	Getting Geared up for Summer
JUN	Service Search Scanning (discontinued monthly titles)

CLOSING COMMENTS

JAN	A Scanning Hall of Fame, guest ed by Robt Wyman
FEB	Millennial Musings
MAR	Abolish Morse Code Before It's Too Late! (Fond Memories and Harsh Pragmatics)
APR	LPFM: Democracy on the Airwaves
MAY	Do citizens have the right to listen to public service? Guest ed by Chris Boyd

JUN New Senate Bill Could End Scanner Use!
 JUL You'll find me in the flea-market! (Dayton Hamvention)
 AUG Markey Gets His Due, and, Will There Be a Digital Scanner?
 SEP The Internet: Get used to it, it's here to stay!
 OCT The Radio Hobby on the Rebound
 NOV A Domestic SW Service - Pro and Con
 DEC Holidays Greetings from staff

COMPUTERS & RADIO

JAN TalkPCR by QROSoft
 FEB Plugging & Trunking with WinRadio: WR XRS plug-ins, WR Trunking Option
 MAR Can software Simplify the AR-8200? AR8200 Workshop; ARC8200 ToolBox by BuTel; ScanCat 7.50 SE
 APR Handheld Computer Market and GPS for Palm Pilot
 MAY Tune up that whistle with DSP: Swezey Digital Filter Prog; GNASP1
 JUN More DSP Filter Progs: Chromasound, SR5 Spectrum Analyzer V2.0, Analyzer 2000, Spectrogram, Spectran
 JUL Software for the Ten-Tec RX-320: Ten-Tec utility, Dxtra, GNR, KF5OJ
 AUG More Programs to control the RX-320: AT/SWL99, ERGO, N4PY v 1.04
 SEP When is a PC-Controlled Radio, Not? PCR-1000, PCRPilot3C, RX-320 Controller
 OCT What to look for in a computer for radio monitoring
 NOV On-Line Freq Files and Databases: SPEEDX; ADDX Kurier; Prime Time SW; WWW SWL Guide; LI Area Scanning Resource; PeCon; Airport Guide, WW Airport Path Finder; FCC; ILGRadio; conversion programs?
 DEC Can You Teach an Old Dog New Tricks? [Radio Max 5.4, Scanner Wear 2.5, ScanStar 7.62, Scancat 7.5 SE]

DIGITAL DIGEST

JAN Digital Beginner's Freqs
 FEB Something for Everyone: more beginner's freqs; ALE update; Utility Monitoring Central
 MAR Voice Frequency Telegraphy Systems
 APR More on VFT and French Forces
 MAY Differential GPS
 JUN Ecoutez vous Francais? (French diplo channels)
 JUL Got Sync? (IDing signals you can't decode); decoders update
 AUG Russian Intelligence-Gathering on HF
 SEP Aid Agencies on HF Radio
 OCT ALE Networks Update
 NOV Digital Meteorology

Dec Digital Utilities: Where to Listen, what to log; new ALE net

EASY ACCESS RADIO

JAN Sony FRS U-ceiver
 FEB Sharp Wizard OZ-750
 MAR Palm IIIe
 APR Pryme's PR-460 GMRS HTs
 MAY Alinco's Clear DJ-V5 Dualbander
 JUN What's New with CB? Cobra and Cherokee
 JUL Drake Minitalk 99 FRS radio
 AUG GE Sedona FRS
 SEP Sangean DT-300VW Wx,MW,TV radio
 OCT no column
 NOV no column
 DEC no column

THE FED FILES

JAN Campaign 2000 (federal protection freqs); 168-168.9875 allocations
 FEB National Interagency Fire Center; 169-169.9875 alloc
 MAR Mysterious Data Signals in New England; Wildfires in the Southeast; 170-170.9875 alloc
 APR NASA Trunked Systems; 171-171.9875 alloc.
 MAY Intl Boundary and Water Commission; Wash DC freqs; 172-172.9875 alloc.
 JUN SHARES on ALE; FBI aircraft, FEMA freqs; 173-173.9875 alloc.
 JUL Postal Inspection Profile; 29.9-30.550, 32-33 alloc.
 AUG Feds in the Civilian Aircraft Band; hurricane season resources; Canadian Fed Freq resource; 34-35, 36037, 38-39 alloc.
 SEP Gov't Trunking Systems; 40-49.974 alloc.
 OCT New Federal Bandplans (Itinerant, common use, interagency; Gov Hydro Freqs, Wireless Mics
 NOV Scanning the Wild, Wild West; Houston, DOE, Idaho; AZ, CO, NV, NM, OR
 DEC Federal Freqs in Alaska; NASA Comms; Pisgah Natl Forest; Fed UHF land mobile service alloc

GLOBAL FORUM

JAN All is not well at VOA
 FEB Digital Radio Mondiale
 MAR Latin Am Music Styles Web Page
 APR This Month's Headlines
 MAY FEBC Dropping English; DX the Internet; RHC on 1700?
 JUN Vietnam Gets Canadian Relay
 JUL Behind "Chiapas, the World Speaks"
 AUG Radio Verdad QSLs
 SEP ZimbabweClandestine
 OCT American Forces Network on SW
 NOV Yugoslavia Expelled from SW Site
 DEC Silent Countries Now Webcasting

LAUNCHING PAD

JAN Four Best Kept Secrets: Lyngemark satellite charts, SBCA

e-Newsletter, Professional Satellite Repair, smallear.com
 FEB SWLing with Pictures! Panamsat 5; DXing with a small dish
 MAR NSS 806 Intl Sat Workhorse
 APR The LNBF Advantage
 MAY TVRO Time Machine: YUSA
 JUN Sat DX Equip for Tight Spaces and Budgets
 JUL Tuning in SCPC Radio Broadcasts
 AUG Easy Satellite Service Tips
 SEP Your Satellite TV Q&A's
 OCT The ST-6600 MPEGII Rx
 NOV Int'l TV Viewing and Q&As
 DEC 4DTV Saves the Day (Maybe)

MILCOM (odd months)

JAN Military Trunking Systems: Camp Pendleton, Fort Huachuca; Motorola mil systems; Fed trunking standard groups
 MAR Air Show Season 2000
 MAY HILL AFB Trunking; Buckeye State (OH) Milair; Armed Forces Day
 JUL New Blue Angel Freq; Mil Sat Freqs; 113th Fighter Wing/121st Squadron, 201st Airlift Squadron; Monitoring the Military guide is back
 SEP Eglin AFB; US Army trunked systems
 NOV San Antonio Fed Trunk Sys Update; Ft Lewis, Wash; Camp Pendleton; VHF Military Land Mobile Service

ON THE HAM BANDS

JAN Hello, Y2k; Onelist web site; 80 metre direct conversion receiver schematic
 FEB Intro to ten Meters - signals, antennas, gear
 MAR Restructuring (a personal perspective)
 APR What? Still no computer?; ARRL asks reconsideration on restructuring; RS HTX 10; band report
 MAY NOGAnaut transmitter; Amateur Radio 101; Sporadic E skip
 JUN Beacon Peekin'; summer activities
 JUL QRP versus QRO; Flight of the Bumblebees; Final Final (Ike's last column)
 AUG Tried the New Mode in Town? PSK31 (LVH)
 SEP Welcome to HF Operation
 OCT The Courtesy of QSLing; CQ WW DX contest; GoldenClassics of Yesteryear; www.tubesandmore.com; QSL Cards by W4MPY
 NOV The Cult of K2
 DEC All I Want for Christmas (Dec contests)

OUTER LIMITS

JAN How to Pirate and Clandestine BC; NASWA and Winter SWL Fest; Cichiguaz maildrop
 FEB Pirate Radio programming, Low Power FM

MAR DXing Clandestine Radio Stations; pirate addresses at Schoech site
 APR Mixed Reactions to LPFM; Mexican Clandestine?
 MAY WHYP most active NA pirate; Euros on 19 Meters
 JUN Clandestine Web Sites Reinvigorated; New ACE publisher
 JUL Peruvian Broadcaster Invades Pirate Band; Pirates Going Legit
 AUG Mobilization Radio Targets Washington
 SEP Current Pirate Radio Programming
 OCT Pirate DX Season; WCPE offer; new web sites
 NOV Pirating with Cumbre on the Air
 DEC Best SW Radio Site, Clandestine Radio Com; Holiday Pirates

PLANE TALK

JAN Bern Radio; More from BWI
 FEB Navigational Aids; Ramp rats and related activities
 MAR Potomac area TRACON; Aero websites; airline info; software updates (AirNav Lite, Xavius)
 APR Aeronautical Radio, Inc.
 MAY Continental Airlines Cruisin'; Minneapolis ARTCC freqs
 JUN Chicago, and the Funnies
 JUL A Visit to Minneapolis ARTCC
 AUG Dallas Ft Worth ATC; France's Friendly Skies?; The State of Aviation in Australia
 SEP Baltimore-Washington Intl update and airline co freq list
 OCT Welcome to Bay and JFK
 NOV New York to Kansas
 DEC Bound for the Northwest: Seattle, Portland airports; ARINC HF freqs; Weather Processors Products (ATC)

PROGRAMMING SPOTLIGHT

JAN Charting a Future for SW BCing - II
 FEB The Best SW Media Programs
 MAR RNZI Loses Sport; BBCWS Loses Mind
 APR Don't Overlook These Gems!
 MAY Things learned at the SW Winterfest
 JUN The BBC (Yes, Again!)
 JUL Europe's Summer of the Arts
 AUG The SWL's "National" Sports
 SEP Live from Australia: 2000 Olympics
 OCT So much for that firewall (VOA)
 NOV Ruminations of a Blocked Writer
 DEC Half Full or Half Empty?(RN Media Network & R Australia)

QSL REPORT

JAN QSLing Mediumwave
 FEB QSLing Brazilians
 MAR Ethiopia - Radio from the Horn
 APR Czech Radio, Past and Present
 MAY Here comes the sun..shine radio (Turkey)
 JUN Get Creative (email QSLs)
 JUL full column of QSL reports
 AUG Language Translation Software
 SEP Asia-Pacific Station Websites

OCT African Station Websites
 NOV Address Update
 DEC S American website directory

RADIO RESTORATIONS

JAN Hello, MT readers, Starting Out, Crystal Sets, Vacuum Tube Detectors
 FEB Battery Sets of the 1920s: Regenerative, TRF, Superheterodyne receivers
 MAR The First A.C. Sets
 APR The Screen Grid Revolution
 MAY The Radio Becomes a Home Appliance
 JUN Depression Downsizing
 JUL A.C.-D.C. Evolution
 AUG New Twists on Tuning
 SEP Your Grounding in Safety
 OCT Equipping your Restoration Workshop
 NOV Restoring Your First Set
 DEC Digging into the Transitone

[ROTATING GUIDE]

FEB SWL Program Guide
 MAR Internet Radio Guide: SWBC by region
 APR Int'l BCers via SAT
 MAY SWL Program Guide
 JUN Internet Radio: Ireland on the Internet
 JUL (no column)
 AUG SWL ProgramGuide discontinued

SATELLITE RADIO GUIDE

SCPC (even); Audio (odd)
 Satellite Loading Report:
 JAN Telstar 7
 FEB SBS-6, GE-5
 MAR GE Americom Satcom K2, GE-2
 APR GE-3
 MAY Telstar 4, Galaxy 7
 JUN Telstar 6
 JUL Galaxy 3R, Telstar 5
 AUG Galaxy 11
 SEP GE-1, GStar-4
 OCT Telesat E2, Telesat E-1, Solidaridad-1
 NOV Solidaridad-2, SatMex-5
 DEC Morelos 2, Galaxy 5

SCANNER EQUIPMENT

JAN Radio Shack PRO-92 Portable
 FEB Yaesu VF-500 Portable Scanner
 MAR Uniden Sportcat SC-200 Portable Scanner; MetroWest NiMH battery pack; Uniden Scanner clock radio ergonomics
 APR Understanding Intermod; PRO-92 follow-up
 MAY Radio Shack PRO-94
 JUN Radio Shack PRO-2052 Trunk Tracker
 JUL Electra Tiger Scan TSA
 AUG Patches, Crystals, and Review Index
 SEP Radio Shack PRO-2067
 OCT ICOM IC-R3 Wide Coverage Receiver
 NOV AOR AR-3000A

DEC Alinco DJ-X2T Wideband Receiver

SCANNER LOGS

JAN Brasstown NC; Chatt TN; Pima AZ
 FEB Hickory, NC; SC Dept Natural Res; Ga Dept Nat Res; Dahlonega, GA, Army Ranger Trunk sys
 MAR White Sands NM; Milair FL; Patrick AFB, Cape Canaveral; New Orleans LA trunk sys
 APR So CA aero; FL milair; MD VHF air-air; Montgomery Co, TX; Kansas City ARTCC; VHF Lo-Band Skip
 MAY Italian VHF Lo-Band skip; GTE Airfone freqs; cruise log requests
 JUN LAX; Phoenix Air Cargo; Calif skip; Florida milair; MD state PD; Italian skip logs
 JUL Avery Co, NC; Mexico VHF assignments; More Italian Skip logs; Space Shuttle audio/video retransmissions by ham radio
 AUG ASCIET 2000 military exercise
 SEP MD State Patrol; Chicago Area
 OCT (no column)
 NOV (no column)
 DEC (no column)

SCANNING REPORT

JAN Airborne Scanners, grounded again?; new band to scan (746-806); Wash Co, Ore, trunk update; Maine scanning
 FEB Scanner Industry Keeps on "Trunkin" - comparison of BC-245, PRO-94, PRO-92
 MAR CES 2000; Police Call Business samples (Fla)
 APR Passing of Two Scanner Heroes; Relm buying Uniden 2-way business; scanning w/the Palm Pilot; Optoelectronics clairfication; 245 keyboard lock; scanning films; CT cops a digital attitude; Hawaiian scanning
 MAY Some Good Scanner News (Holyoke, Mass); Scanners in the Media; Radio Shack PRO-92 vs Uniden BC-245 revisited; Hershey Park (PA) scanning; Mammoth Mt (CA) ski resort trunked system
 JUN Exciting New Advances in Scanners; Scanner Master Smart-Link; APCO and convention; Boston area monitoring; Utah Scanning; Kansas City EDACS system; Sparks, NV
 JUL Itinerant Matters; ECPA Challenge Denied; Boston APCO Convention - Boston and Mass profile
 AUG It was Great'n in Dayton; Speed Racer Scanning at Daytona; Dougherty Co GA trunked system; websites for scanning Disney; more on wireless mics; tower proliferation
 SEP News from a Newbie; scanner suggestions; air phones; Wyoming monitoring
 OCT Airport Scanning, aero monitoring in Michigan, more airport trunking,

ramp frequencies; California aircraft ground crew licenses (Police Call)
 NOV BC780XLT Update (new features); Daytona FL area trunking update; Jackson MS trunking; Natick MA comm sys; Plymouth MA info
 DEC Sunshine State not so Sunny (Fla gives contract to Ericsson); MI digital system; W Hartford CT TRS; Puerto Rico TRS; BC780 part 2

SERVICE SEARCH

JAN Public Safety pool
 FEB Public Safety Pool - II
 MAR Bus: Railroad Alloc
 APR Petroleum and Power Alloc
 MAY VHF-low bandplans from Europe (Italy, France); UK cordless phones
 JUN Fast Food Frequency Pairs
 JUL Amateur Satellite Bandplans
 AUG National Civilian Aeronautical Band Assignments
 SEP New Zealand VHF Band Plans; US Low Band alloc
 OCT The California Highway Patrol
 NOV Channel Plan for 220-222 MHz Private Mobile Radio Services
 DEC Highway Maintenance

SHORTWAVE EQUIPMENT

JAN Kaito KA-007 Free-power Radio
 FEB Receiver News: Watkins-Johnson, Baygen, NASA HF-5E, RN Receiver Shopping List
 MAR MFJ-784B Tunable DSP Filter
 APR Wellbrook ALA 1530 Loop
 MAY Sangean ATS 505
 JUN Palstar R30 - Back to the Future?
 JUL Ten-Tec RX-340
 AUG What do those specs really mean?
 SEP Synchronous Detection - What is it?
 OCT What is receiver sensitivity?
 NOV What is dynamic range?
 DEC What is receiver selectivity?

TRACKING THE TRUNKS

JAN Trunking Theory 101
 FEB A Trunked System Demo
 MAR Tracking Motorola Systems (O'Hare; Disneylnd; Arlington, TX)
 APR Ericsson's EDACS Trunking (Ocean City, MD; Brevard Co, FL; Illinois SP; DFW Airport, TX)
 MAY Logic Trunked Systems (Chicago, IL; Bloomington, IN; Evansville, IN; Marshfield, MA; Rochester, NY; Milwaukee, WI)
 JUN The Case for APCO Project 25 (MI state, FL HP, CT state, Mesa AZ, Fairfax Co VA, Baltimore MD)
 JUL Readers Track the Trunks (Evansville, IN; Albuquerque, NM; Rochester update; Disneyland Update; Austin, TX)
 AUG Figuring Out Fleet Maps
 SEP Can These Trunked Systems Deliver?
 OCT Multiple Transmitter Site Solutions

NOV Mailbag Miscellany: (Allentown, PA; BWI, Sullivan Co, TN; Galveston, TX); BC780XLT, RS PRO-92. BC 245XLT
 DEC Who's on Where?

UTILITY WORLD

JAN Solar Peak, the High End is Back
 FEB SW Utility: An Alphabet Soup? More Panama changes; Cuban Spook Sked
 MAR ALE: The Future Arrives
 APR Black Fax from the Sky; More Panama
 MAY More Weather Changes - Air Force, Russia, South Africa, Greece, USCG; More French RTTY strangeness
 JUN US Air Force Air/Ground Net Takes Shape (SCOPE Command ALE system)
 JUL The Sun Sets on Portishead Radio; new version PC- ALE
 AUG Hear the Hurricane Hunters
 SEP KPH Rises from the Dead; RTTY broadcasting?; Will MARS adopt PSK31?
 OCT To Catch a Spy; Tracking XPH
 NOV US Military Expanding HF Services, USAF Weather net; Power Control IDeed
 DEC The Guide to MUF Surfing

VIEW FROM ABOVE

JAN Seasonal changes: FengYun-2 fixed; software updates WXSAT, WXTRACK; OSEI team monitor volcano
 FEB What's New in 2000? WXSATs preferred orbits; winter images from NOAA; GOES-89 and -10; Internet site update
 MAR View from the Top of the Century: Non-APT WXsats, GOES captures the moon, DMSP launch check-out moves to NOAA; APT images of Alaska
 APR Geoff Perry, an appreciation; Operational WXSATS; software updates; Internet site recommendation; new GOES system hardware; (Mayflower steps)
 MAY Spring weather, space weather; Operational Wxsats; Sich-1; monitoring solar interference; EXPLORES program; Contrails image; GOES-L launch; archival pics
 JUN WXsats Turn 40; Fengyun-2A ceases ops; GOES-L ops; GOES wefax transmissions
 JUL The Launch of GOES-L; Volcano eruption prediction from GOES; Fire monitoring; Operational WXsats, NOAA-12 and 15; Okean-O Resurrection?
 AUG Surface Events Captured on Satellite; Operational WXsats; Meteor 3-5 early and late; GOES-11 working fine; May Shuttle

launch captured; Los Alamos fire from Terra sat
 SEP High Resolution Satellite Imagery; New Fengyun wxsat; NOAA-L launch; Op Wxsats; Internet site update
 OCT WXSATs: A World of Change; NOAA-L Launch; Fengyun-1B; NOA-9 whispers; NOAA WXSATs, a glimpse of the future
 NOV Readers Get the Picture: pics from readers; glimpse of the future part 2
 DEC Performance Anxiety (NOAA-L early orbit stages; NOAA-126 infrared; Replacing NOAA-14; Op Wxsats; Geostationary scene

WASHINGTON WHISPERS

JAN GB's RA proposes spectrum fees; FCC restructuring; FCC allows GPS in cellphones; cellphone buster illegal in US
 FEB FCC to Reallocate 200 MHz of Prime Spectrum
 MAR Ham Radio License Structure Simplified
 APR FCC Creates Low Power FM Service
 MAY Radio freqs to become a commodity; guard band managers; software defined radio
 JUN Anti-Eavesdropping Legislation
 JUL The FCC Rulemaking Process
 AUG FCC Proposes new ultra-wideband technology
 SEP Low Power FM Update
 OCT One-Stop Shopping at Firstgov; Wm Flipppo arrest; Vladimir Petifer arrest; Leslie Brewer fine; CB enforcements; unsolicited junk fax enforcement; FCC budget cut by Congress; FCC puts RF emission safety guide online
 NOV FCC Crates MURS Service; Other New CB Services
 DEC Gov Monitoring Raises Privacy Questions

WHAT'S NEW

Books

AIB Global BCing Guide	Feb
Amateur Radio - First 100 Years	Feb
ARRL RFI Book	Mar
Basic Technology for the Amateur Radio Enthusiast (book & video)	May
Calypso at Midnight CD	Jan
Earth Rising	Apr
Forrest Mims Circuit Scrapbook	Jun
German Numbers Woman	Dec
Gordon West license manuals	May
Govt Radio Systems	Dec
Guide to VHF/UHF Amateur Radio	Jun
IRCA Foreign Log	Feb
IRCA books	Aug
AM Slogans List, IRCA Foreign Log, DXers Technical Guide	
Klingenfuss annual references 2000	

Klingenfuss SW Freq Guide 2000 Jul

Klingenfuss Guide to Ute Stns	Jul	AR8200 Mark II upgrade	Oct
Loop Antenna Handbook	Apr	Cellular Phone Alert Pen	Nov
M Street Radio Directory 2000	Apr	Clear Speech Base	Sep
Max Research antenna books	Apr	Cutting Edge TransPorter	Jan
Monitoring the Military (online)	Jul	Cutting Edge Radio Badge	Apr
NRC AM Radio Log	Dec	Cutting Edge Radio Glove for VX-5	Jun
NRC Station Map	Dec	Cybiko portable intertainment	Sep
NRC: Loop Ant Design & Theory	Apr	Fire GPS System	Nov
Police Call 2000	Apr	GeoClock	Mar
Police Call: So Calif	Apr	Hammacher Schlemmer map	Mar
Police Call 2001	Oct	Hamtronics kits	Jun
Radio in My Life ODXA booklet	Jan	Icom IC-718 HF tx	Aug
RDI White Paper, Satellit 800	Sep	LF Engineering Skymatch,etc, cat	Sep
Short Wave Guide (EDXP)	Jul	Mercedes Benz StarTAK cellphone	M
Space Architecture; Frassanito	Jul		
Speaking of Science	Jun		ay
Southwest FreqDirectory	Sep	MFJ 24-hr clocks	Jan
The Logic of Microspace	Aug	MFJ HT Duck Antennas	Jan
TV Station Guide	Apr	MFJ SWR Meter 269	Oct
The Voice of the Crystal	Jun	Midland SpeakEasy FRS	Oct
WRTH 2000	Mar	Miland SpeakEasy 75-517 FRS	Nov
		Midland Weather Alert radio	Oct
<u>Business news, Software</u>		MorseExpress Millennium Key	Nov
Antique Electronic Supply cat	Jan	OHR QRP Kit	Dec
Antique Electronic Supply cat	Apr	Optoelectronics Multicounter	Aug
APBnews.com	May	Radio Shack Optimus Multiband	Jun
BandTrol & SofTrol for BC895XLT	May	Ramsey antenna kits	Apr
Business news	MAR	Ramsey SW receiver kit	May
Computer Aided Tech old-time radio		Receivers and rumors of receivers	Aug
broadcast CDs	Sep	RF Enterprises Pilot Light flashlight	Feb
DigiPan Freeware for PSK31	Jul	SafeTShield (caveat emptor)	Nov
Ericsson selling priv radio sys; WR1550		Samsung Star Trek wrist phone	Jan
dynamic range; new name, website for		Sangean ATS-505	Apr
Watkins-Johnson; Grundig 800 news		Small Wonder Labs PSK-20 Tx Kit	Jul
Eat Anglia catalog	Feb	Smart Link Reaction Tuner	Aug
HAMCALC v 43	Jun	Sonicbox	Feb
Hamcall CD-ROM (Buckmaster)	Sep	SRS Labs WOW Thing	Feb
Inside WSM/ First 75 Years	Feb	Super Select-A-Tenna	Jun
Iridium collectibles?	Jul	Ten-Tec RX-340	May
FTV decoding software	Mar	Uniden BC780XLT TrunkTracker	Feb
Kenwood HQ moves to Atlanta	Oct	Uniden BC780XLT anticipation	Mar
KLM antennas out of business	Jan	WinRadio 1550e	Jan
Magellan/Hertz NeverLost system	Jan	WinRadio WR-3500, WR-3700	Oct
Mr Scanner FCC CD-ROM	Sep	Yaesu VR-5000	Dec
News and rumors	Dec		
Nitelogger discontinued	Nov	<u>REVIEWS:</u>	
Palstar 30 Filter Specs	Aug	AOR Antenna Line	Nov
Pasternack coax catalog	Nov	CCRadio vs. GE Superadio	Mar
Patent Wizard	Nov	Diamond vs Condor scanner ant	Sep
Police Call #4 recall	Jan	Grove FTR-100 Notch Filter	Oct
Police Call 2000 CD-ROM	Mar	Grundig 500 sneak preview	May
Police Call 2001 on CD	Oct	Hamtronics Aviation Rx Module	Aug
QRZ.com + Jotter	Jan	Icom W32A TXer as a scanner	Feb
Quebec database, Thibodeaux	Sep	Protek 3201 RF Field Analyzer	Dec
Radio-Active Shoc database	Dec	Ramsey FM-100 Stereo transmitter	Apr
Radio HF closes storefront	Aug	Ramsey Mobile RDF System	Jul
Satellite-delivered radio (XM,CDR)	Jan	Stridsberg FLT201A Notch Filter	Jan
Scancat Gold ver 7.5.8		Stridsberg MCA204 Multicoupler	Jan
Scanner Recorder	Sep	Super Select-A-Tenna	Jul
Scannerstuff Scanner Prog System	Feb	Timestep feed and converter for	
Scott Craig solar data plot prog	May	GOES reception (from Swagur)	May
Skyvision catalog	Apr	Wellbrook Antenna Splitter AS1030	Sep
Websites of note	Oct		
WinMorse	Aug		
WR1550 features	Apr		
<u>Equipment</u>			
Aiwa Dynamo FR-C151	Feb		
Alinco DM-330MV power supply	Jan		
Alinco DJ-V5TDC clear HT	Apr		
Alinco DJ-X2T	Oct		
Alpha Delta Coax Switch	Jun		

Monitoring Times 2001 INDEX

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FEATURES:

Broadcast:

Broadcasting in Zimbabwe	JUL
Challenges for Int'l Broadcasting	JAN
Challenges: Conflict to Cooperation	JUN
DXing Mexican Style	JAN
Hawaii DXpedition	MAY
KJES	JUL
Listening In On Europe	MAR
Listening In South of the Border	JAN
Listening In On the Middle East	SEP
Listening to Baseball	JUL
Meet WJCR	SEP
QSL Guide to the Caribbean	JAN
QSL Guide to Europe	MAR
QSL Guide to the Middle East	SEP
SWLing from the West Coast	DEC
WWBS: Little Station That Could	FEB

Miscellaneous

ACARS Decoding and AirNav3	AUG
Guide to the Marine Bands	MAY
Guide to the Radio Web	JUN
Ham Licensing in Canada	OCT
Index 2000	JAN
Monitor's Guide to Maps	JUL
Who's Listening? Wade Langley	AUG

Satellites

Starband vs. DirecPC	FEB
----------------------	-----

Scanning:

2001 Fire Season Scanning	JUL
2002 Winter Olympics	DEC
9-11 Infamy Revisited	NOV
Dept Store Scanning	DEC
Lower Colorado River Authority	FEB
NH Scanning (Granite State)	AUG
Radio Behind Bars (Folsom)	AUG
Radio on the Radio	JUN
Scanning Central Florida	MAR
Scanning Dixie	NOV
Scanning Fla's Spacecoast	APR
Washington Under Siege	NOV

Technology and Technical:

Fix It, Don't Toss It	SEP
Folded, folded Dipole for VHF/FM	JUL
Following Trunked Systems by Computer	
Generating Power	MAY
HF Trailer Hitch mount	APR

History and Future of Radio	OCT
History and Future of Radio - II	NOV
Linear Loaded Quad for 15 MHz	APR
MF Spectrum Loopstick	APR

20th Century Nostalgia

Marconi's Atlantic Adventure	DEC
Marconi's Favored Hand	DEC
MT Celebrates 20 Years	DEC
Recreated Baseball Games	JUL

Utilities:

IDing DGPS Beacon Stations	MAY
International ALE Nets	FEB
Milcom: Most Enjoyable Channels	APR
QSLing the World (hams)	OCT
The Key to the Enigma Cipher	MAR

AMERICAN BANDSCAN

JAN	Good Books (<i>AM Radio Log</i> , <i>AM Station Map Book</i> , <i>FM Atlas</i>); Expanded Band News; Bits & Pieces
FEB	Station (tower) Identification; Expanded Band News; Bits & Pieces
MAR	Stamp Collecting and DX; LPFM news; New stations
APR	Stakeout! ; Mailbag
MAY	Radio Graveyard
JUN	Grounded Loop Antenna
JUL	Join the Club; bits and pieces
AUG	Regional Roundup (regional channels); DX and crime fighting; mailbag
SEP	LPFM on the Air; Over the Air TV
OCT	Bits and Pieces
NOV	RDS and Automatic IDs
DEC	Broadcasting and the NYC Attack

ANTENNA TOPICS

JAN	Don't Drink this Beverage!
FEB	Interesting Aspects of Propagation
MAR	Antennas Across the Spectrum: VLF-LF
APR	Antennas Across the Spectrum: MF-HF
MAY	Antennas Across the Spectrum: VHF-Microwave

JUN	Antenna for Low Freqs (active antenna)
JUL	Antenna for Medium and High Freqs (Marconi)
AUG	Antenna for VHF and Higher (axial-mode, helical antenna)
SEP	Some Very Unusual Antennas (winner, other unusual entries present and past); websites
OCT	Some easy, low-cost antennas
NOV	Some Basic Antenna Concepts
DEC	Antennas Near or Under the Earth

BEGINNER'S CORNER

JAN	Two Cheap (and easy) Scanner Antenna Solutions; Beginner's DIY - The Attic Mount
FEB	Your Beginner's Q&A
MAR	Wireless Whole House Audio
APR	Satellite TV Update: CB Woes, Scheduled Launches, MPEGII Report
MAY	Getting Started in 2 Meters
JUN	The Readers Respond: whole house audio, Grove antenna, etc
JUL	The \$10 Multi-Purpose Mobile Antenna
AUG	Motorola's DCII Sidecar (C-band update and solution to digital reception); TVRO Mailbag
SEP	Roll Your Own DXpedition
OCT	Getting Started in Scanning
NOV	The Best Way to Learn Morse Code
DEC	TVRO Update: MPEGII and HDTV

BELOW 500 kHz

JAN	DX Camp Results; WWVB Software; Web Updates
FEB	The Band is Hot!; Web Updates; New LF Catalog
MAR	Can You Hear the Lowfers?; Looking Back; Universal catalog available
APR	Pipeline Reception; Mail Call; Web Resource
MAY	The Way it Was (maritime); beacon loggings

JUN LF Receiving Antennas: Random Wire; Mailbag; Pipeline Reception Update
 JUL LF Receiving Antennas -II (loop antennas)
 AUG LF Receiving Antennas - III (active antennas)
 SEP First Steps (in LF)
 OCT Besides Beacons (quick tour LF)
 NOV A/N Range Signal Retrospect; Longwave Loggings; Morse Code chart
 DEC 19 Countries on Longwave!

CLOSING COMMENTS

JAN Happy Anniversary!
 FEB Dialogue on Out-of-Band Broadcasting
 MAR In Tribute (Al Gross, Joe Carr, Bill Orr)
 APR The Silly Season - It's All Year Long!
 MAY Loss of Another Friend; Spies Like Scanners Too; FCC Commissioners Bail Out; ARRL Regression
 JUN Guest Ed: Should a Journalist Head the VOA?
 JUL Guest Ed: The BBC Should Reconsider
 AUG Guest Ed: LPFM Hypocrisy?
 SEP The Changing Complexion of Marketing
 OCT Guest Ed: How the 24/7, Upgrade, Hi-tech, Roll-out Life Ended
 NOV America: Land of the Free
 DEC Christmas Greetings

COMPUTERS & RADIO

JAN AOR's SDU 5500 and LCD Basics
 FEB AOR's Pocket ACARS Decoder ARD-2
 MAR Voice Command for Your Receivers (Game Commander plus RadioMax)
 APR Voice Command for Your Receivers (MS Game Voice vs Game Commander 2)
 MAY What's After ACARS?
 JUN Where Did the Plug Go? (@Power Strip, Power Strip Liberator, Catch-a-Call, Olitec Total Office)
 JUL What is an Internet Receiver/Tuner? (iRhythm)
 AUG DeLorme's GPS Receiver (Earthmate) and Mapping Programs (Road Warrior and Topo USA)
 SEP Program Help for Pocket Receivers (RT Systems progs for Icom and Yaesu)
 OCT Son of Propman (Propman 2000) and DXLog Ver. 3.0
 NOV Software for the 780XLT: WinScan 780 and TrunkStar 780

DEC Software for the 780XLT: ScanCat Gold 8 and ScanPro780

DIGITAL DIGEST

JAN More Diplomatic Services
 FEB Algerian Oil & Gas on HF; Spanish Diplo Service; N Korean KCNA
 MAR HF Fax Facts; Baltic States and Canadian Forces on ALE
 APR High Speed Modem Here (Hoka); ALE network update
 MAY Chirps, Chips, and OTHRs
 JUN Bulgarian Diplomatic Service; ALE networks update
 JUL Useful Modes - or Not?; Link 11 System Profile; Tunisian MOI
 AUG Mysteries Solved (USCG), ALE Update, PACTOR System Profile
 SEP Czech Diplomatic Service; Two More HF Email Services; Clover system profile
 OCT UMC moving web site; more ALE network updates; FEC-A system profile
 NOV Digital Signals FAQ; Amateur digital experiments; new Romanian network
 DEC North Korean Diplomatic Service; more ALE networks; Rhode & Schwartz HF Systems

EASY ACCESS RADIO

MAR Icom's Neat IC-718
 APR Cobra's Professional MicroTALK 2000WX
 MAY Coleman CR-411 FRS
 JUN First Alert WX-17 and WX-30
 JUL Icom's Neat IC-706MkIIIG - I
 AUG Icom's Neat IC-706MkIIIG - II
 SEP Midland's G-30 GMRS Radio
 OCT Cobra's SNAP microTALK FRS120
 NOV Citizens Radio Corps
 DEC Tech-Link Walkie Talkies; a bad idea from WalMart

THE FED FILES

JAN Fed Agencies at Inauguration 2001
 FEB Weather on Your Scanner; EMWIN BC Areas
 MAR Monitoring HUD; DOE Los Alamos; FBI in WV; Fed UHF Land Mobile alloc.
 APR Monitoring a Space Outpost; Fed UHF Land Mobile alloc 412 MHz
 MAY Federal Aviation Administration; 413 MHz alloc
 JUN Summertime (Coast Guard on HF); 414 MHz alloc
 JUL Coast Guard on VHF/UHF - I; 415 MHz alloc.
 AUG Federal Bureau of Prisons; 416 MHz alloc.
 SEP Coast Guard on VHF/UHF - II
 OCT A Leaf Lookers Special Profile: Blue Ridge Parkway, Smoky Mt Natl Park, Shenandoah Natl Park

NOV SHARES and FEMA frequencies
 DEC Emergency Alert System on HF; Operation SECURE; New England federal monitoring

GLOBAL FORUM

JAN The Clandestine Cranny
 FEB Soviet Tests Burned the Ionosphere
 MAR WWFV Licensed to Broadcast Telephony
 APR Is Radio Austria a "Sinking Ship"?
 MAY Allan Weiner at Sea Again
 JUN The Buzz of Digital Shortwave
 JUL Lose a Lot, Gain a Little
 AUG Changes in US Gov't Int'l Broadcasting (Pals, Radio Free Asia, Radio Marti, VOA, ex-VOA Bethany)
 SEP R Austria Intl Endangered, Peace Radio Website
 OCT Top 10 WWV Promotional Ideas
 NOV The NASB Agenda
 DEC All Ears on Afghanistan

MILCOM (odd months)

JAN Inauguration 2001 - military freqs
 MAR Monitoring Military Flight Demonstration Groups, air show performance schedules and freqs
 MAY FACSAC (San Diego & Hawaii) SoCal Marines; FAA freq changes; Ft Wainwright trunk system
 JUL Airshow Update; Air Station Beaufort Profile
 SEP 8971 - A Gem of a Frequency; Van Nuys Air Expo; Happy Hunter Revisited
 NOV SCATANA's Trial by Fire (NORAD)

MT REVIEWS

AOR TDF370 digital terminal DEC
 Avcom Ramsey SDM42B SDU NOV
 Blonder Tongue BTS-8558C spectrum analyzer (and why it's not a communication receiver) SEP
 Electromagnetic Radiation Detectors: Plus Guard, EMR Detector, Microalert
 Emerson Universal Multi-System Video Converter FEB
 Flight Explorer Personal Edition AUG
 Hamtronics LNK-WB preamplifier JUN
 Index of Reviews 1994-2001 JUL
 MFJ-616 Speech Enhancer MAR
 PAR AM Broadcast Filter MAY
 PAR AM BC Filter ((VLF) NOV
 PAR MON-3 VHF/UHF Antenna MAY
 Sangean SR25V NOV
 SGC SG2020 HF Transceiver JAN
 WinRadio AX-31B Antenna APR
 (chart correction p.89 MAY)
 Yaesu VR-5000 PMS Scan Fix JUN

ON THE HAM BANDS

JAN Be it resolved...10 resolutions

FEB Books to Grow By (ARRL Handbook for Radio Amateurs; Understanding Basic Electronics; Electronics of Radio; Practical RF Design; Solid State Design for the Radio Amateur; Intro to Radio Frequency Design)

MAR Going Mobile

APR Muscle Cars and Antenna Wire

MAY PSK31 on a Budget; Field Day 2001; KAT2 Automatic Antenna Tuner

JUN One Ham's Hamfest Perspective

JUL Ragchewing and Other Fun

AUG Dog Days in the Great Outdoors (antennas and tuner for portable ops)

SEP Ham Radio Rises Again

OCT Easy PSK31 Ops with RIGblaster

NOV Ham Radio in the Real World; Lower Vanity Fee; FCC number mandatory; on-air code practice legal

DEC Picks for the Gift-giving season

OUTER LIMITS

JAN Holidays Boost Pirate Broadcasting

FEB Variety and Quantity Return

MAR USA-sponsored Clandestine Activity

APR Zeller's Tenth Anniversary

MAY Allan Weiner Acquires Ship Tx

JUN Kentucky Militia Nixes KSMR

JUL Do We Need and Unlicensed BC Band? New ACE Publisher

AUG Pirate Radio Thriving (logs)

SEP Camp Meeting Radio (AWR); Clandestine Radio Schedules

OCT Hear Pirates via Java Radio?; Clandestine Targets

NOV Kirk Trummel: 1963-2001; Biafra back on

DEC Cuban Spy Used Numbers; holidaypirate numbers

PLANE TALK (even months)

FEB Something for Everyone: Tatosian book review; Flightradio.com; airline company freqs; unusual aero comms from Bob Bell; MWARA (conclusion)

APR Richmond VA and Sacramento CA towers

JUN Tampa Bay Airspace; Air Traffic Cafe website; Chicago Surfing; Flight Explorer PE

AUG Alphabet Soup (Air Traffic Management Glossary); FAA to Modernize ATC over Oceans; Houston Radio HF Services

OCT Airship Aviation (blimps); AirVan ACARS decoding software; airport freqs - Albuquerque NM, Cleveland OH, St Louis MO, Denver CO

DEC Christmas Bonus: Airline company freqs; Frewell TWA; LA

Center; Oakland, Seattle, Salt Lake City, Atlanta Centers; jokes

PROGRAMMING SPOTLIGHT

JAN Breakfast with Shortwave

FEB It's Your VOA

MAR Can Youth be Served?

APR Afternoon Delights

MAY DXing, SWLing, Media Programs

JUN SRI and Other Tales

JUL New Media, the BBC, and Magazines

AUG Discovering Lots of Life on SW (without the BBC)

SEP An Ear to the Tower of Babel (non-English programming)

OCT RCI, the CBC, and the Role of International Radio

NOV DX, SWL, and Media Programs

DEC Listening to the Tea Leaves (ways of listening to SW news)

QSL REPORT

JAN Latin Websites and more

FEB (Jan repeated in error)

MAR European Websites

APR Veri Signers: Are They Worth It?

MAY Increase your QSL Return Rate

JUN QSLing Hams on Field Day

JUL QSLing Int'l Hams

AUG Lighthouse/Lightship Weekend a Beam for DXers

SEP Adventist Radio Wows Collectors

OCT DX is back for the Trop Heads!

NOV QSLing Beacons

DEC LowFERs and MedFERS

RADIO (or SHORTWAVE) EQUIPMENT

FEB AOR's AR8600 on HF

MAR (Mediumwave Equipment) The Henry Kloss Model One

APR Yaesu VR5000 on HF

MAY MFJ 8100 World Band SW Radio

JUN DJ-X2000T on HF and Your Letters (NRD-535 Quick Toggle, ICOM R3 Idiot, MT Stock Exchange, Field and Stream nostalgia ad)

JUL What are synthesizers and how do they work? - I

AUG What are synthesizers and how do they work? - II

SEP SWLing "On the Go"

OCT Mobile Solutions - II (using base stations and in-dash receivers); Sony mobile receiver review XR-C5600X

NOV Mobile Solutions - III (converters, comparisons, satellite audio)

DEC Taking Back the BBC (listening via satellite)

RADIO RESTORATIONS

JAN Firing up the Transitone

FEB Rehabbing an RF Generator

MAR Recapping and Testing the Generator

APR We Realign the Transitone

MAY Restoring the National SW-54

JUN Interesting Radio Books: Amateur Radio - A beginners Guide, Thordarson Transformer Manual, Fireside Politics - Radio and the Political Order, Complete Price Guide to Antique Radios - Sears Silvertone Catalogs, Marconi's Atlantic Leap

JUL Continuing the SW-54 Restoration

AUG The SW-54 Plays Again!

SEP Realignment and Testing of the SW-54

OCT Firing up a World War II "Command Set" (BC-453, R- 23A)

NOV SW-54 Conclusion; Isolation Transformer [Oct column]

DEC Digging Into the Command Sets

SATELLITE SERVICE GUIDE

JAN Galaxy 7; Galaxy 9; Telstar 7; Satcom C3

FEB Galaxy 1R; Satcom C4; GE-7; GE-8

MAR GE-6; Galaxy 6; SBS-6; SBS-4; GE-5; Satcom K2

APR GE-2; GE-3; Telstar 4; Anik F1

MAY Galaxy 11, Telstar 6, Galaxy 3R

JUN Telstar 5, Galaxy 4R, GE-4

JUL GE-1, GStar-4, Anik F1, Anik E2

AUG Solidaridad 2, SATMEX-5, Anik E1, Morelos 2

SEP Galaxy 10R, Galaxy 5, Galaxy 9, Telstar 7

OCT Satcom C3, Galaxy 1R, Satcom C4, GE-7, GE-8, Brasilsat A1, GE-6

NOV Galaxy 6, SBS-6, SBS-4, Satcom C1, GE-5, Satcom K2, GE-2

DEC GE-3, Telstar 4, Galaxy 11

SCANNER EQUIPMENT

JAN Butel Control Software for the IC-R2

FEB RT Systems Software for the Yaesu VF-500

MAR Uniden BC780XLT Trunktracker

APR AOR AR8600

MAY Yaesu VR-5000

JUN Alinco DJ-X2000T

JUL Yaesu VR-120 Portable Scanner

AUG Ask Another Bob: How can I build a scanner? measure scanner performance? add alpha labels? buy a crystal-controlled air band scanner? Collectors Corner: Regency TM-H2

SEP Optoelectronics DS1000 Frequency Counter; Software for the VR-120

OCT Tracking the Trendsetters

NOV Mobile Scanning in Style

DEC Build a Mobile Mounting Bracket

SCANNING CANADA

SEP Welcome to Canada

OCT Onward to Ontario: Pearson Airport

NOV Scanning the West Coast

DEC Calgary Int'l Airport

SCANNING REPORT

JAN Public Safety in Lubbock Texas; BC 780 Update Part 3, non-trunking functions

FEB Jan column repeated by mistake

MAR Michigan Monitoring; Final Preview of BC780XLT, Motorola trunking

APR Future of Scanners and Consumer Electronics; Air radio news; Mississippi Monitoring; Trunking Update, Clark County WA

MAY Five Wishes for Scanning; Kentucky (Paducah) Trunking; Baltimore Trunking; Unique Trunking Formats

JUN Scanning Your Own Back Yard; local govt and related freqs

JUL Scanning for Wireless Microphones; Who's Listening: Chris Parris

AUG Scanning Smorgasbord (freq data sources for PDAs, Texas Radio Guide, Dodger stadium freqs); Dayton Hamvention, Ft Lauderdale Air & Sea Show; Florida Fires; VHF Wireless Mic follow-up; editorial policy

SEP Canada Calling (scanning websites); emergency mgt agencies (Miami-Dade Co); Jan Fine profile

OCT The Mail and the Media: freq lists from readers; common news media channels; Ken Windyka profile; new lower power chans

NOV Florida Connection (to 9-11); maps and freqs URL; assisitive listening devices; Mike Fink and N Ohio freq list

DEC Closing Out the Year: effect of 9-11 on scanning; my bank number one; Brian Cathcart

SERVICE SEARCH

JAN Canadian VHF/UHF Allocations

FEB Environment Canada Weatheradio

MAR US NOAA Weather Radio

APR NOAA Weather Radio (contd)

MAY NOAA Weather Radio (contd)

JUN NOAA Weather Radio (concl)

JUL Military VHF/UHF Spectrum

AUG Fixed Base Aero Company Freqs

OCT Major World Air Route Areas

TRACKING THE TRUNKS

JAN Sorting Out the Systems

FEB Seeking Frequencies

MAR Public Access Trunked Radios (MPT 1327)

APR Motorola Type II Trunking; Illinois Starcom 21; NPSPAC

MAY Trunking by TETRA; FCC Database

JUN The Price of Progress: problems with digital and 800 MHz systems; Talk-group patterns

JUL Travel Tips; Project 25 Scanner; Fleet Map Programming; Illinois STARCOM 21 Update

AUG The Digital Side of APCO-25; Wayne Co, Mich; State of Mich.

SEP To Buy or to Wait?; Digital Modes; Trunktracking scanner list; Phoenix; Sawyer Co Wis; Arkansas state police; PRO 91 update

OCT Palm Beach County Confusion; OpenSky system; Clarksville TN, Oklahoma City OK, Palm Beach Co FL, Michigan state police

NOV Making the Case for Simulcasting (Springfield OH, Cape Cod MA, Anne Arundel Co MD, Fairfax Co VA, Kempsville VA, Lapeer Co MI, Saginaw Co, MI, Fulton Co GA, Dayton OH); Arkansas; Phoenix, AZ

Dec Olympic-sized Trunking

UTILITY WORLD

JAN Singapore Radio to Close; Croughton Global Stands Down; More Air Force Weather

FEB US Air Force ISB is Back; English Lady is Cuban; What was that?

MAR US Air Force Global HF System

APR Hugh's Favorite Frequencies: Air Force, Coast Guard, War on Drugs, Fax and teleprinting

MAY More US Coast Guard FAX Changes; KPH on 7414

JUN Philippine News on HF Ute; CODAR

JUL UNS/Marine MARS Reorganizes; Scratch Incirlik, Welcome Sigonella; RTTY Harmonics

AUG WLO Marine Bands Network (telex, email, voice services)

SEP The Middle East Numbers (E10)

OCT Understanding Weather Bulletin Headers

NOV SITFAA: New Life for an Old Net

DEC Utilities Go to War; Cuban Numbers are Real

VIEW FROM ABOVE

JAN A Change in Global Weather?; Operating WXSats; Reader's Upgrade

FEB The Risky Business of Satellites; Resurs; NOAA-9 remains active; NOAA-15 lives!

MAR Eclipse Weather!

APR No Pics (failures), Snowy Pics (snow cover), and Gulf Pics (newly-released HRPT images)

MAY Intermittent Receptions; Op WXSats, Future Launches

JUN New Beginnings; GOES Users conference

JUL Operational WXSats, correspondence, thoughts

AUG Images from NOAA-16; GOES-2 to satellite heaven; Polar WXSAT ops; GOES-M Launch

SEP Understanding Weather Satellites, transmission modes

OCT Understanding Weather Satellites, geostationary sats; GOES-M launched

NOV Digital Satellites on the Horizon; decoding '90s style; timetable for digital WXSATs; WXSATs to monitor; pictures

DEC NOAA-16 and Fengyun developments

WASHINGTON WHISPERS

JAN Special interests still trying to kill LPFM; Alan Fried micro-radio system seized; Internet going wireless and US playing catch-up; Congress bill allows local authorities to enforce laws regarding CB violations

FEB Reconsideration Urged on MURS!

MAR Low Power FM Radio Crippled

APR Stand by for Chnge at the Republican-led FCC

MAY HAARP: Ionospheric Research, or is it?

JUN Ham Runs Unlicensed Militia Station

JUL Sealand to Operate Internet Web Sites

AUG LPFM: Giving a Voice to the Voiceless

SEP The Digital Battle Against Satellite TV Pirates

OCT The Cat and Mouse Game of Computer Security

NOV Digital Satellite Comes to BC Radio; FCC to Implement registration numbers; preparations for WRC-2003

DEC FCC Adopts SDR Rules

WHAT'S NEW

Books, CDs

A Family Affair: RL Drake Story	APR
Amateur Radio Explained	MAR
ARRL Handbook 2001	AUG
Australasian SW Guide	JAN
Australasian SW Guide	DEC
Callsign 2001	JUL
E Mass Scanner Guide online	MAY
European FM Handbook	DEC
FCC Data database on CD	SEP
Freq of Nature FCC database	OCT
GMRS online directory	JUL
Grove Federal Freq Directory CD	SEP
Grove Military Freq Directory CD	AUG
Grundig Satellit	MAR
Hobbyists Guide to COMINT	JUN
Klingenfuss Publications:	MAR
2001 SW Greq Guide	
Guide to Utility Radio Stations	

Guide to WW Weather Services	
Super Freq List on CD-ROM	
Maritime Telegraphy CD	SEP
Old Timers Bulletin on CD	MAY
Passport 2002	NOV
Police Call 2002	NOV
Programming Microcontrollers in C	MAY
RadioMag	MAR
Radio Stations in the UK	JAN
PCI Bus Demystified	FEB
Police Call, So Calif edition	FEB
Quebec freq dir on CD	OCT
South Carolina Freq Directory	JUN
Short-Range Wireless Comm	FEB
SMD Electronic Projects	JAN
User-friendly guide to Internet/computer terms (free)	NOV
VA freq directory on CD	OCT
Wireless Spectrum Finder	AUG
WRTH 2001	MAR

Morse Express Christmas Key	DEC
Optoelectronics DS1000 freq cntr	JUN
Patcomm RX-16000 SW receiver	FEB
Phone-Card-Phone	MAY
PlusGuard	FEB
Radio Shack PRO-93/PRO-2053	AUG
Ramsey Music Lights kit	NOV
Ramsey Van DeGraff generator	NOV
Sangean 505 new package	SEP
Scientifics Wireless Weathewr Stn	JUL
Sony 7600G vs 7600GR	JUN
Sony software radio (SOPRANO)	JUN
Speco CBS-500 extension spkr	AUG
Spydercone antenna system	SEP
TERK TV35 antenna	JUN
Timewave ANC-4	NOV
WinRadio USB adapters and telephone interface unit	JUN
WinScan Ver 2.1	APR
Yaesu VR-120	APR
YES watch	FEB

Business news, Software

Atoc new Alinco US distributor	AUG
Caveat: Preferred Customers Guild	MAR
Cityfreq Online Database	MAY
Cobra/Lowrance merger	MAY
Garmin MapSource recall	AUG
G&G Communications now online	JUL
Grundig 800 upgrades	NOV
HamCalc 48	FEB
Haxial World Time by Computer	DEC
Immobiliser security for Harleys	JAN
Kachina discontinues HF products	JUL
PerCon Spectrum Online	MAY
RadioCom 5.1	DEC
Starband two-way satellite-delivered Internet service	JAN
TrunkStar 780	JUN
Turbo535 Update	JUN
Uniden developing Project 25 scanner	JUL

Equipment

Adaptec USB XHub	DEC
Alinco DJ-X2000T	APR
Alinco DJ-X3 scanning rx	NOV
Alinco DR-235 and DR-435	MAY
AR8600 receiver	FEB
Bose Wave/PC System	SEP
Cellular Pen	JAN
Cutting Edge Battery in a Bag	MAY
Cutting Edge Hold-It NEO pouch	JAN
Cutting Edge multi-band mobile ant	JUL
Cutting Edge Pouch for FT-817	APR
Digisette Duo-Aria MP3 player	MAR
Electric Fuel zinc-air battery	MAY
Electric Fuel for PDAs	SEP
EMR detector	SEP
Fairhaven RD500VX	JAN
Garmin, new GPS products	APR
Grove SP-200C sound enhancer	AUG
Grove universal telescoping whip	NOV
Hamtronics low-noise preamps	MAY
Icom IC-910H tx	FEB
Midland F-10 FRS radio	AUG
Midland G-30 GMRS radio	MAY
Midland, new FRS models	MAR
MFJ Morse Code Reader	NOV
Monster car amplifier hook-up kits	SEP

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65 Years of Radio Prague	JAN
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Listening in on India and Pakistan	MAR
Prime Season for Pirates	OCT
Radio Aparecida	JUN
Radio Canada International	DEC
Radio Okapi Hits SW	MAY
Shortwave's Summertime Secrets	JUL
SW vs the Internet? Challenges 6	MAR
Tales from Bush House	SEP
The Anderson/Patriot Radio Story	APR
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Who's Who? VHF Low Band	JUN
Who's Who? VHF/UHF	AUG
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Who's Who? Above 960 MHz	OCT

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Sky Wars	JAN
Surveillance in the Clear	NOV

Scanning:

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Civil War Natl Battlefields	JUL
First Air: Canada's Arctic Airline	NOV
Guide to APCO P-25 Systems, 1	DEC
How Repeater Systems Work	DEC
Monitoring Camp Pendleton	JUN
Monitoring Canadian Air Shows	MAR
Road Trip: Mass to Dallas	APR
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Scanning in Paradise (Hawaii)	AUG
Use Your Scanner to Track Wildlife	DEC
Virginia's STARS network	SEP

Technology and Technical

On the Road with WinRADiO	JUN
Portable Command Posts	FEB

Utilities:

Ham Radio More Than a Hobby	MAY
Pirate Hams of 45	MAY
Radio Landscape of France	APR

AMERICAN BANDSCAN

JAN	Domestic-band radio in Afghanistan
FEB	Digital TV on the air; GE Superadio; QSL web page; IRCA Mexican Log
MAR	Nothing is forever-station and format changes; TIS DX tests, NYC VHF TV update, new Canadian FM transmitters
APR	DX Software (FCC Database Reader, AutoDX); no format change on WSM, Virgin Is WDHP heard
MAY	Radio Shootout (side-by-side receiver comparison); new Isle of Mann LW stn, RDS feature on Sangean 909
JUN	24 Hours on 1030 kHz; Mailbag: mid-March DX opportunities, Crawford station website
JUL	Bits and Pieces: station changes; silent opportunities; cross-border targets; mailbag
AUG	Television Update: Digital, Analog, and Undecided; A Guide to TV Stations; Bits and Pieces
SEP	End of an Era (WDBL sale); TV Distance Record; bits & pieces
OCT	Tower Battle (Fordham Univ WFUV-90.7); battle of the KISSes; Channel Master antenna; daytime directional pattern guide?; MW reception on wideband scanners; ethnic pirate
NOV	Moving Day (changing freqs and calls); AM changes in Toronto; digital radio tests; KDJI QSL
DEC	Make Way for Digital Broadcasting; KSPN-KDIS freq swap; WEBS, WPBS changes; KKSU gone

ANTENNA TOPICS

JAN	Ways in Which Antennas Differ
FEB	Antenna Primer I: Definition, History, and Build random-length wire antenna
MAR	Antenna Primer II: Antenna Terms, Build a dipole
APR	Antenna Primer III: Selecting an Antenna, Build a Groundplane
MAY	What is NVIS and What is it good for?
JUN	Fun with Real-Antenna Modeling
JUL	Matching: What, When, and How?
AUG	Making Your Own Antenna Feedlines; the Old-Timers all-band antenna
SEP	A Brief History of Antennas
OCT	Scanner Antennas
NOV	The TTFD Antenna
DEC	The Effects of Earth and Other Objects on Radio Waves

BEGINNER'S CORNER

JAN	Beginner Questions Answered: Antennas, Scanners, Sat TV
FEB	Your First Steps in Amateur Radio
MAR	Electronic Kits and Gray-Line DXing
APR	"Killer" Antenna for Low-Band DXing; Intl HF Beacons
MAY	Small Dish vs Big Dish: A Satellite TV Primer
JUN	Five Tips for Ham Radio Beginners
JUL	Antenna Experiences: "Killer" results on low band; all-band signal catcher; where to find local scanner freqs; external filtering for SW radios
AUG	Basic Toolbox for your Monitoring Hobby
SEP	Kite Lift Antennas; more Q&As on GTAB antenna; Ramsey FM transmitter
OCT	Powerful Additions to Your Listening Post (power supplies and tuners); mailbag: another good tool, using glass-mount cell phone for CB or 2 meter
NOV	Beginner's Look at Microphones and Audio
DEC	Pesky Lead-In Cables; Traveling with a SW Radio

BELOW 500 kHz

JAN	Try Something New in '02; resources and tips; what I use; more on A/N range systems
FEB	Lower Roundup; Coe Hill ON DXpedition logs
MAR	March Madness: Reader Loggings, WWVB power boost and La Crosse clock; 6-meter propagation beacons
APR	New England Beacons; Atlantic 252 format change, Dick Pearce receives awards
MAY	Good DX from Georgia; new LW broadcaster
JUN	Treasure Hunting (hamfests); longwave loggings; averted hearing?
JUL	New England DXing II; LF Ham Band
AUG	Surfing the Longwaves (summer listening); LORAN Interference-new hope; Loggings
SEP	Are You Ready? Printed Resources, Online Resources, More Code Chart
OCT	Reader Questions & Comments: WWVB query; power line carriers; high power LowFER; VLF Intercepts; ID Changes in Canada
NOV	New Designations for Single-Letter IDs; Morse Reference Chart; LORAN Filter Update; Euro-BC News

DEC Miscou '02 - Another Success;
Argentina hams on LF band, low-
power SW beacons

CLOSING COMMENTS

JAN Will Anyone Be Listening?
FEB The Internet: Soup to Nuts
(obsolete info, misinformation)
MAR Selling the Spectrum (the fight for
spectrum space)
APR The Con Game: No April Fool's
Joke (technological scams)
MAY Is Shortwave Dying? Not by a
Long Shot! (fight for spectrum
space)
JUN Can Shortwave Broadcasting Be
Saved? (guest Bob Zanotti)
JUL A Look Back...
AUG Going Wild over Wireless
SEP Is Hobby Radio Dying? Two
Perspectives
OCT Inspector General Audit: Army
MARS Not "Operationally Ready"
NOV Are SW Broadcasters Failing
Listeners?
DEC Christmas Greetings

COMMUNICATIONS

JAN Cooper killed; E-911 behind
sked; fight for spectrum space;
FAA upgrade; Merlin sold; Africa
online; WRN moves to Telstar;
World Space acquires Voyager;
Sat TV in Kabul; Radio Free
Afghanistan
FEB New look at evacuation plans; US
considers restricting emergency
cellphone use; public warning
system reevaluated; Sept 11
radio problems; volunteer tech
guard; one year to recovery;
Tetra system sold to Vatican;
Pinellas tests wideband system;
Native Americans go hi-tech
MAR Tulsa Amateurs restore
dispatching; new interest in ham
radio in emergency plans; Salt
Lake Co vs Salt Lake City
dispatching; Court says lawsuit re
Gingrich tape can continue; no
QSLs from Army MARS; Navy
admits sonar at fault in whale
beachings; US-made aircraft for
Chinese president full of audio
bugs; Russia independent TV
loses; NASA shuts down Deep
Space 1 probe; Russia
dismantling Cuban listening site
APR AFRTS contracted to Boeing;
NOAA Wx radio changing
automated voices; FCC Actions:
24 GHz power boost, fed freqs
reallocated, public safety
broadband; NTIA report on more
spectrum for public safety; SW
issues in Liberia, DIY satellite;
satellite hits Egypt; "power"
struggle in Russia; Philippine

guerillas targeted; good-bye,
Communications World
MAY America's Most Wanted:
Anderson and Puckett; Top Cuba
expert pleads guilty to spying;
Merlin involved in launch of
Envisat; WWV propagation
format change; Refarming novice
CW bands; Cell-phone shields
bunk, says FCC; Pentagon
technology projects; LPFM slow
to grow; thanks to pirates
JUN Plane-spotting, a misunderstood
hobby; No in-flight cellular calls;
Hosts of Radio Liberty nervous;
public lukewarm toward new
technology; when is "smart" not
so smart?; Ernest Cooper dies
JUL Foxhunting, post-9/11; DC Fire
Dept woes; Digital systems still
vulnerable; Airline safety
(Eurocontrol); Ham tower bill; no
satellite decoding (Canada);
Radiationalert (cellphones);
United Nations Radio; Off the
hook (re bugged Chinese plane);
US Satcom overhaul; RFID
antennas
AUG (Radio) Trouble in Paradise;
FDNY New Radios; Radio Hot
Potato (Cuba); Hobbyist
Discloses Surveillance Pictures;
FEMA to Iron Out Interoperability;
Talk through the Hub (JPS ACU-
1000); Lightning Disables DC
Radios; Florida Man Convicted
SEP Radio Honor Roll: rescue of
abducted girls and Neil Carlton
recognized for innovative classes
using radio; Australia Abandons
Digital System; Spotting a Plane
Spotter; Troops in Bosnia Adopt
FRS Radios; the Phone Tooth;
Debate over Cell Phone Blocking;
ARRL Receives Grant; National
Guard Techies; Steve Mansfield
N1MZA, SK
OCT Radio Honor Roll: Scannist nabs
robber; Cellphone Safety; Music
and Cellphones Don't Mix; Music-
Cellphone Mix; Getting in the
Loop (phone service); Getting
Out of the Loop (off the power
grid); FBI Scolded by Secret
Court; FBI Advises Caution
(wireless nets)
NOV Saved by a Scanner (5 stories);
VOA Memorial Park; The Other
Side of Geocaching; Locationless
Caches; Satellites vs. Radar
Detectors; The Human Race;
"30" to "88"
DEC Radio Honor Roll: Rami
Mahamid; RDFing Can be
Dangerous; Comando Solo
Leads the Way; Put MARS to
Work for the Holidays; Part of the
Problem is People (9/11 report);
Two Killed in Tower Collapse;

FCC Chooses IBOC; Ray Briem
Retires; Bob Sherman Dies

COMPUTERS & RADIO

JAN Bonito's RadioCom 5.1
FEB Gizmos and Gadgets: soundcard
extender, up font panel adapter,
GearGrip, @ power strip, Catch-
A-Call Gold NetCallerID
MAR Antenna Design Software: The
Antenna Elmer, NEC, Antenna,
Antenna Designer
APR Fingerprinting Transmitters:
MoTron's TxID-1
MAY Spyware: what can you do about
it? Ad-Aware 5.0
JUN Freeware Signal Fingerprinting:
Xmit_ID
JUL AirNav Suite - Sweet! (AirNav
Internet Lite)
AUG AirNav's Decoder Programs
ACARS & SelCal
SEP Computer-Internet Firewall
Protection (ZoneAlarm); "QSLing"
Websites (My Vital Agent);
feedback on Ad-Aware
OCT Another Look at OCR (Xerox
TextBridge Plus, Cuneiform)
NOV How OCR Can Change Your Life:
Testing OCR results using
RadioMax 5.22 and Scancat
Gold; Update on My Vital Agent
DEC Useful Computer/Monitoring
Holiday Gifts: Keychain hard
drive, Coby MP-R650 MP3
player-encoder

DIGITAL DIGEST

JAN New MIL-188-110A HF modem
users: Czech diplo service,
Mexican Navy; Unidentified
networks; China and Egypt
expand systems; Codan system
profile
FEB French Diplo nets, Colombian
Counter-drug nets; Unid
Rockwell-Collins mil net; Waffa
Returns
MAR Digital Beginners: choice stations
to hear CW Numbers, Mixed-
mode beacon, SITOR-A, RTTY
CARB, RTTY weather, ALE,
SITOR-B
APR Useful Monitoring Tools: Digipan,
Hoka Code 300-32, Analyzer
2000, Baudline, SkySweeper
MAY Digital Ops from South America,
Ecuador's maritime command,
Brazilian navy; Romanian ALE
net update
JUN Good Tools and New Targets:
Klingenfuss 2002, PC-HFDL for
HF Decoding, Nostradamus
OTHR, Some unusual ALE
networks
JUL HF Decoding
AUG New PacTOR Mode, PacTOR-III;
Russian 1280bps PSK; NATO
KG84 RTTY

DEC Chirps Ahoy; Chirpview software;
British Territorial Army ALE Net;
Mexican Army Net; Coast Station
Telex Lists (Oostende, Berna)

SEP	C Crane's FM Transmitter
OCT	Cobra's GMRS/FRS Handi-Talkie
NOV	C Crane's QuickCharger
DEC	Page Update Weather Alert 2000 and Weather Alert Partner

AUG The Fed Files Mailbag: FAA repeaters and miscellaneous

DEC Monitoring Houston; Eric Snags a
TIS/HAR; DSCC Columbus;
Unusual Fed Freq (457.6125);
The First Lady in Texas; Dept of
Energy Trunk System

be "Killer App"

JUN Mass to Dallas Road Trip;
ALMIGHTY Risen from the Dead;
Northernmost it's not; Terion

DEC More Perspectives on Shortwave;
More on FRS in the Military; MT
Readers Come Through

NOV More VHF Marine Band Encryption; Coast Guard LANT and PAC Designators; CG on HF ALE; Southeast US mil activity; Space Coast Update; Military freq changes; the lighter side

AUG MFJ-1020C Active Antenna
SEP AVCOM PSA-2400A Spectrum
Analyzer

OCT Grundig FR-200 emergency radio
NOV Electrical Safety

ON THE HAM BANDS

JAN New Year in Ham Radio
(resolutions); ARRL calls for no-code; contest weekends
FEB Surface Mount Solutions (kits to get you started)
MAR Fine Old Bugs; getting ready for hamfest season (as a seller)
APR Picking Up Some Easy Points (easy Field Day points)
MAY Building Your Parts Stash
JUN Moonstruck (EME)
JUL You're in Good Company (famous hams)
AUG Creative Club Programs
SEP Emergency Responders Learn from 9/11
OCT Classic Home Brewing: Small Wonder Labs Rock-Mite, MRX-40 Mini Receiver, MultiPIG All Band CW Transceiver
NOV Ham Radio Sans Computers
DEC Ham Radio Stocking Stuffers

OUTER LIMITS

JAN Violence hits clandestine radio (Cooper and Anderson)
FEB Pirates a Focus at SWL Fest
MAR Pirate SW BC Activity Explodes
APR Finding Pirate and Clan DX Info
MAY Blanket Ban on Pirates Nixed; pirate programming CD
JUN NA Pirates Shifting Freqs; Pulaski Co Sheriff Killed; Carl McIntyre Dies; Cuban Numbers Station Court Case
JUL ACE Celebrates 20th Anniversary; Palestine station; No Al-Qaida station; No Radio Sawa on SW (no logs this month)
AUG Voice of Laryngitis Returns to Shortwave; WBCQ Ship Transmitter Project; Radio Sawa Schedule; Radio Resistencia on the Web
SEP Star Star Broadcasting Station; Pirate Station Patterns; Radio 510 Schedule; Radio Americas
OCT Russian "Names" Station Heard; William Pierce Dies
NOV FRN Back After Technical Trouble; Clandestine Radio Watch; Radio DAT; Unusual Pirate Tactics; Winter Propagation
DEC Pirate Numbers Station Decoded (Rodent Revolution); New Free Radio Weekly editor; Godzilla Born on Radio?; Alpha Lima Web Site

PLANE TALK (even months)

FEB Flying with Concorde; Aeronautical Freqs (Louisville Standiford Field, New York Center ARTCC, Toronto Centre);

Airport Instrument Landing systems; Farewell to the B727
APR Reviewing the Basics: Navigation Aids, Separation
JUN HF ACARS; Sydney Airport ATC
AUG Fly the World by Computer (PC-HFDL Update, Air Traffic Control Simulation, AirNav Suite 4; More Sydney Airport Freqs
OCT Monitoring the Northwest; DX Atlas; ACARS Log Analyzer
DEC Airport Frequencies, and Using Aero Charts and Maps

PROGRAMMING SPOTLIGHT

JAN I was just thinking...(things I like and things that bug me)
FEB Don't Touch That Dial! (freqs you can stick with)
MAR I Was 50 Years Ago Today..(a look at SWBC in 1952)
APR Thinking Locally; Listening Globally (local flavor on HF)
MAY Programs on DXing, SWLing, and the Media
JUN Notes from (DX) Camp
JUL Yankee Doodle Shortwave
AUG The 1952 Olympics, YLE and DRM
SEP Yankee Doodle SW: AFRTS
OCT Yankee Doodle SW: The Independents
NOV Progs on DXing, SWLing and the Media
DEC Listening at Leisure (progs that require your attention)

QSL REPORT

JAN Clear Channel QSLing
FEB Feb Special Event QSLing
MAR Canadian QSLing
APR Globe Wireless
MAY Celebrating the Queen's Jubilee
JUN Radio Netherlands New QSLs
JUL XVII Commonwealth Games
AUG Cleaning out the QSL In Basket
SEP DX Season propagation and supplies
OCT DXing the Graveyards
NOV Do's and Don'ts of China QSLing
DEC QSLing - Your Way

RADIO EQUIPMENT

JAN Build a Scanner Repeater
FEB Receiving Frequency Modulation
MAR Getting Started in SW Listening-Part 1: SW Radios
APR Getting Started in SWL - II: Where, When, and How to Tune
MAY Getting Started in SWL - III: Antennas, accessories, and niche listening
JUN Storm Detection by Radio and Build a Highly Directional Loop Antenna
JUL Ten Tec RX-350 Receiver
AUG AOR LA350 Active Loop Antenna; ZAP Model 180 Electric

Field Meter; More Scanner Whip Comparisons
SEP A Simple Ferrite Loop Antenna
OCT A Longwave Band Ferrite Antenna
NOV Tuning into BC Satellites - Part 1 (history, status)
DEC Tuning into BC Satellites - Part 2 (hardware, Panamsat 9 line-up)

RADIO RESTORATIONS

JAN Books About Restoring Radios
FEB The BC-453 Comes to Life
MAR BC453/R23A Pinouts and Alignments
APR Parts and Periodicals, Manuals
MAY Getting to Work on the R-23A; reader letters
JUN Powering Up Your Command Set; Recent Books from Lindsay
JUL A VTVM for Your Test Bench
AUG Digging into the RCA Voltohmists; New Lindsay Publication
SEP Firing Up Our Voltohmists
OCT Wrapping Up the Voltohmist Project; Replacing Missing Probes
NOV Tackling a Toughie: Zenith 6-S-229; VoltOhmyst Feedback
DEC Digging into a Dirty Radio

SATELLITE SERVICE GUIDE

www.monitoringtimes/mtssg.html

JAN Telstar 6, Galaxy 3R, Telstar 5
FEB Telstar 5 (detailed), Galaxy 4R, Americom-4
MAR Americom-1, GSTAR-4, Anik F1, Anik E2
APR Solidaridad 2, SATMEX-5, Anik E1, Morelos 2
MAY Galaxy 10R, Galaxy 5, Galaxy 9, Telstar 7
JUN Satcom C3, Galaxy 1R, Satcom C4, Americom-7, Americom-8
JUL Americom-6, Galaxy 6, SBS-6, HGS-5, Satcom C1, Americom-5
AUG Americom-2, Americom-3, Telstar 4, Galaxy 11 (C-band)
SEP Galaxy 11 (Ku-band); Telstar 6; Galaxy 3C; Telstar 5
OCT Telstar 5; Galaxy 4R; Americom 4
NOV Americom-1, GSTAR-4, Anik F1, Morelos 2, Anik 2
DEC Solidaridad 2, SATMEX-5, Anik E1, Galaxy 10R

SCANNER EQUIPMENT

JAN Notch Filters Fight Interference (Grove FTR-100, PAR VHFDN162HT, PAR VHFFM, StridsbergFLT201A)
Feb MFJ-886 Frequency Counter
MAR Alinco DJ-X3T Portable wideband rcvr
APR Tk8500 Software Project (homebrew radio control programming for the IC-R8500)

MAY Radio Shack PRO-2053 Trunk-tracking scanner; CompUSA PCI port adapter
 JUN Tk545 Software Project; Comparing Scan Rates
 JUL Tk500 software for the Yaesu VR-500; Pager pillow speaker; Spare fuse holder clip
 AUG Tk120 Software for the Yaesu VR-120
 SEP Tk75 - Software for Icom IC-R75
 OCT AOR AR8600 Mark 2 Receiver
 NOV Tk150 Software for the Standard VR-150; Advice on selecting a wide freq coverage, portable scanning receiver
 DEC Scanning and Recording: CCrane VersaCorder; Mr Scanner FCC Database

SCANNING CANADA

JAN Edmonton Intl Airport; Canadian Forces Base (CFB) Borden
 FEB Saskatoon Diefenbaker Airport; CFB Trenton
 MAR Monitoring Winnipeg, Winnipeg Intl Airport; CF 17 Wing Winnipeg
 APR Scanning Ottawa; MacDonald-Cartier Intl Airport; Ottawa resources on Internet
 MAY Bienvenue a Montreal: Dorval Airport and area frequencies
 JUN Canadian Hams Monitor Severe Weather (CANWARN wx net); Quebec Jean Lesage Intl Airport
 JUL ScanCan reaches the Atlantic Ocean: Halifax Intl Airport; Scanning Cellular Frequencies - legally (Steve Punter website); airshows in jeopardy
 AUG Scanning the Mounties; Newfoundland, St Johns Intl Airport; Mansfield VORTAC
 SEP Flying North to the Arctic: Iqaluit Airport; Jack Little monitors Hamilton, ON
 OCT The Pope Arrives in Canada; Monitoring Resolute Airport
 NOV Railroads: North Vancouver RR
 DEC West Coast Railways; Sad News for Toronto Airport Monitors; Reader Challenge

SCANNING REPORT

JAN Assistive Listening Devices follow-up; Dr John Braden profile; what happens to old freqs
 FEB Olympian Scanning (torch relay); Sgt Stephen Casco profile; using Push Pins (MS Streets and Trips Software); Houston Area Freqs
 MAR Loading Bank Number One; AOPA Expo, more on using Push Pins
 APR Gill Lineberry profile; Target dept stores; creating a database with MS Streets and Trips
 MAY Scanning at sporting events (golf frequencies: Doral Country Club,

Heron Bay Country Club. Racing freqs: Daytona freq)
 JUN Travels with a Scanner (NY/NJ airport experiences); Around the country (Arlington, VA; Detroit, MI; LA CA); using pushpins in MS Streets and Trips, part IV; quiet frequencies
 JUL Scanning While Tanning: Miami-Dade Fair, The Alley-Cats on-stage; Elena Machado profile; Video scanning
 AUG Ft Lauderdale Air & Sea Show communications; Jim Westberg profile; Las Vegas PD online
 SEP Gramma in Florida; Rosehill, KS; freqs; hands-free cell comms thru car radio; 900 MHz band Q&A; Atlantic City NJ Motorola system; Detroit recreational and transit freqs
 OCT FACE-ing the Weather (CRYSTAL-FACE Project)
 NOV FACE-ing the Weather, part 2
 DEC Three Specialties: Three Services (Mark Levine profile and evolution of EMTs)

SERVICE SEARCH

JAN HF Aero Freqs
 FEB HF Aero freqs cont'd
 MAR HF Aero Freqs - finish

TRACKING THE TRUNKS

JAN Encryption for Security; encoding vs encryption; encrypted voice; Motorola; EDACS; on-line scanner manuals; Tallahassee, FL
 FEB Nextel Proposes Restructuring 800 MHz; Nextel Technology; Pro-92 Channel Lock Out
 MAR Digital Monitoring in Sight (Project 25 and Uniden's planned scanners); ScannerMaster P-25 digital decoder board update; 400 MHz trunking; Ft Irwin CA, Wright-Patterson OH, Kings Bay GA systems
 APR Computer Interfacing Your Scanner (PRO-92, PRO-93, BC 245XLT, BC 780XLT) Encrypting EDACS
 MAY How Radio Frequencies are Assigned
 JUN EDACS Systems; Palm Scanner Control Programs
 JUL AOR's APCO-25 Decoder; trunked system news (South Dakota, Nevada, Ohio, Michigan); Scanner Antennas
 AUG When to Buy a Trunk-Tracking Scanner; Uniden Scanner Testing; Lightning Strikes DC; BC780XLT Computer Control; Canton, OH; Summit County, OH
 SEP New Trunked Systems Underway: Hamilton Co OH, Nassau Co NY, Oakland Co MI;

OCT Uniden Digital Scanner Features; B780XLT Squelch Modification
 OCT Recommendations from our Readers: Green Co/Springfield MO, Comments on Computer Control, Antennas; Uniden BC785D and FCC type acceptance
 NOV The Quest for Interoperability; Federal Project 25 Network; Colorado State system, Denver, Aurora systems; Uniden Radios Certified
 DEC Guide to APCO P-25 Systems continued from Dec feature

UTILITY WORLD

JAN Cuban Spy Base Closes (numbers); US Military HF broadcasting
 FEB More Changes on MARS, Navy MARS freqs
 MAR USAF MARS, FAA HF nets, FAA ARTCC identifiers, phone company emergency net
 APR Unusual Traffic in the Middle East - unusual numbers; "slot machine" transmissions; US Army ALE
 MAY HFDL Breaks the Sound Barrier: decoding software from Charles Brain, HFDL freqs; Russian listening post closed
 JUN More Russian Numbers Weirdness; Japanese Maritime Morse; WWV Changes
 JUL HFDL Frequency Update; Weirdest numbers yet
 AUG Russian Channel Markers; Australian Utility Changes
 SEP Maritime Radio Turns Topsy-Turvy Down Under; Australian Distress Comms; ARINC increases Arctic Coverage
 OCT Weather Changes: New Coast Guard FAX Again; Freeware Decodes SYNOP
 NOV More Letters from Israel ("numbers"); Cuban numbers screw-ups; hams on 5 megs?
 DEC Slot Machine Stations - We found the casinos; South Bound II Still On

VIEW FROM ABOVE

JAN Ups and Downs of Russian Birds (Resurs, Okean); NOAA-14
 FEB GOES-Supported Research programs
 MAR Monitoring APT with a sound card
 APR Seasonal Madness: NOAA-14 fixes itself, GOES-E seasonal improvement, Meteor seasonal power-off
 MAY Are You Equipped? what's needed for satellite telemetry; satellite status report

JUN	Our Digital Future, upcoming NOAA-M launch, future launches, digital transmissions, earlier NOAA WXSATs
JUL	Great Expectations (NOAA-M packages); Current NOAAs
AUG	A Rising Star: Fengyun-1D; re color pictures in MT
SEP	First Images from NOAA017; WXSAT Frequencies
OCT	Speak Up for Hobby Monitoring (NOAA conference); NOAA-14 Failure Mode
NOV	MSG-1 Launch and WXSAT Status
DEC	Great Progress and More to Come: GOES-12 to replace GOES-8; Correspondence

WASHINGTON WHISPERS

JAN	Military Tech in the Private Sector: Internet, GPS, spread spectrum
FEB	RFID Tags: connecting people and objects
MAR	FCC Acts to Yank Mitnick's Ham License
APR	NTIA Report: Energy, Water, RR Need More Spectrum
MAY	Commercial Use of Ultra-wideband Technology Approved
JUN	Chairman Urges Transition to Digital TV
JUL	Congressman Slams Broadcasters on Conversion to Digital TV; American Assoc of Radio Enthusiasts; FCC Enforcement
AUG	FCC Announces Changes to Multi-Use Radio Service
SEP	CSEA Ups Penalties for Illegal Monitoring
OCT	(see Closing Comments)
NOV	FCC Mandates Digital TV Tuners

WHAT'S NEW

Books, CDs

2000 Emergency Response Guide	Sep
ARRL 2002 Handbook	Feb
ARRL Repeater Directory	Jun
ARRL Ham Radio interest books	Mar
Cell Towers	Jan
Collectors Guide to Antique Radios	Dec
DSWCI Domestic BC Survey	Oct
DXing 101	Mar
HamCalc CD	May
IRCA Mexican Log	Jan
Field Guide to Diesel Locomotives	Jul
Flashlights	Feb
FAQ about Antennas & Baluns	Aug
FM Crystal Set Project	Nov
Grove Antenna Anthology	Dec
Grove Ask Bob Anthology	Dec
Grove SW Directory	Dec
Klingenfuss publications	Jan
Klingenfuss	
2002 Guide to Utility Stations	Mar
2002 Super Freq List CD	Mar
2002 SW Freq Guide	Mar

Latin American logs CD	Jan
M Street Radio Directory	Aug
MT 2001 Anthology CD	Feb
MT Express in full color	May
NRC AM Radio Log	Nov
Police Call, S Calif	Mar
Rebels on the Air	Sep
RF Components and Circuits	Jul
Sounds in the Night (Dark?)	Jun
Southwest Frequency Guide	Oct
The Shortwave Guide (by WRTH)	Aug
Tower Site Calendar	Dec
Traffic Radar Handbook	Nov
Tune in the Universe C	Mar
WRTH 2002	Mar
WTFDA TV Station Guide	Jun

Business news, Software

CbandNet sat internet svc	Nov
Community Alert Network	May
DXing.info website	Jul
Edmund Scientifics catalog	Jul
EDXP SW Radio Log net	Jan
Electronics Australia Today folds	Jan
FCC policy re pre-type acceptance	Sep
G&G Comm new phone	Nov
Jade Products closes	
LLC Technology acquired by Butterworth-Heinemann	Feb
Mapcruzin site	Feb
MapInfo software packages	May
Metrowest sold to Scanner Master	Nov
Orbcomm tracking software	Feb
RadioSpectrumManager RSM5	Jan
Replacement LCDs for Pro2004	Jan
Sneaker and Investigator spyware	May
Sony ICF-2010 discontinued?	Sep
Uniden BD250D Certified or Not?	Nov
Upcoming APCO-25 products	Sep
WinRadio Advanced Digital Suite	Jun

Equipment

Alinco DJ-S40T Pocket HT	Apr
AOR New Products (AR8600MKII, AR-ONE, LA350 loop)	Jul
B&D Scan*A*Mix BX1	Sep
Caig DeoxIT improved	Apr
C Crane FM Transmitter	Jul
Degen Designs BBQ (quad ant)	Sep
Dunestar headphone switch	Aug
Dunestar remote antenna switch	Sep
Edmund Scientific sound meter	Feb
GAP Justa Spreader kit	Jul
Garmin GPS 16 receivers	Jan
Garmin European guides	Apr
Garmin S Am marine cartography	Apr
Grove Range-Extend Mag Mount	Jun
Grove Scanner Beam II	Oct
Grundig Satellit 900 Update	Apr
GuardianLion emergency button	May
Icom IC-T90A tri-band handi-talkie	Nov
Kenwood ProTalk XLS	Feb
Kiwa Audio Upgrade Kits	Jun
KVH TracVision S3 TV antenna	Feb
Memorex Scannocular	May
MFJ Speech Enhancer	Apr
Neo Jukebox MP3 player	Jul
Nil-Jon Super-M Upgrade	Jun
Optoelectronics Digital Scout	Aug

Palomar Loop Antenna	Dec
Peregrine Falcon remote control	Apr
Powerport Radio Glove	Aug
Radio Shack PRO-95	Oct
Ramsey clock/timer kit	Jan
RIGblaster new software CD	May
R&S Miniport EB-200 rcvr	Apr
ScannerMaster BC780 remote head	
adaptor	Apr
Scientifics digital voice recorder	May
Scott eVest	Jun
Sharper Image "Now You Can Find It" pager system	Nov
Tegam RF analyzer	Apr
Terk TV antennas	Jul
Uniden Announces BC250D/BC785D APCO 25 scanners	Mar
Uniden BC785D FCC accepted	Oct
Vectronics FM Tx kit	Oct
Vectronics soldering course	Oct
WinRadio WD3000 series RDF	Jan
WinRadio WR-G303i SW rcvr	Dec
Yaesu FT-8900R quadband tx	Nov

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FEATURES

Broadcast

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Life as a News Junkie	Nov
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Radio in Germany	Apr
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Why and How of DXpeditions	Feb

General

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Monitoring for the IBB	Sep
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Listening to America from Down Under	Jul
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Roberto Galletti, neglected pioneer	Mar

Scanning:

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Monitoring the Army Nat'l Guard	Nov
NE Tanker Task Force	Jun
Notification Groups	Mar
Offshore Comms in Gulf of Mexico	Aug
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Scanning Niagara Falls	Jun
They Put the SAM in Uncle Sam	Mar
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Tuning in the NJ State Police	Jul
TV Rovers and Their Radios	Feb

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Op Iraqi Freedom Sat Monitoring	May
Satellite TV Buyer's Guide	Dec
USSR's Superpower Transmitters	Dec
Winter Propagation Relief	Nov

AMERICAN BANDSCAN

JAN	Pipsqueak in the Twin Cities (KUOM-FM); IBOC news; 2 station changes
FEB	Playing the AM Cheatin' Game (nighttime broadcasting); height versus efficiency
MAR	Moving Day, Part 2 (Canadian AM stns moving to FM); WLW-700, WOR-710 IBOC tests; NRC

Frequency Challenge; IRCA website

APR	Music Returns to AM? Sat feed error at WCKY; Australian MW DX Group; IBOC test station WD2XXM; WMQM-1600 WHITE-1690 moves; W52CT TV no longer just test pattern
MAY	Whither Radio? (digital modes etc); Sat radio boom box; music on, music off; experimental stn QSL; listening in S TX
JUN	Bits and Pieces: IBOC, Psych Over the Airwaves (Iraq), WSM Out to Pasture? Trying old gear for something new; WHOM fire in Feb; watch for FM DX
JUL	Digital Status Report: Digital Radio, Digital TV; Comings and Goings
AUG	Book Reports (FM Atlas, AM Radio Log, WTFDA TV Station Guide); Digital TV DX; equip for low power FM listening
SEP	Moving Day, Part 3; Expanded Band Countdown; FM Skip
OCT	Broadcasters that Aren't (not in FCC database); more exotic DX; WHITE move
NOV	IBOC and LPFM Status; B&P (longwire; KKOB-770; KN4LF website; Rev Louis fined; new 1250kHz Ottawa stn)
DEC	Go West, Young Man; South American loggings; Permission to Move; Wants to Move; Going Digital in Canada

ANTENNA TOPICS

JAN	Radio Gone Berserk! Intentionally Wasting RF
FEB	Effects of Frequency and Wavelength
MAR	Beam Antennas: What, Why and How
APR	Capturing and Keeping Radio Signals (capture area)
MAY	Effects of Earth on Radio Signals
JUN	Radio Direction-Finding Antennas
JUL	A Two-Element Cubical Quad for HF or VHF
AUG	Antenna Testing and Maintenance
SEP	What is a DX Antenna?
OCT	Standing Wave Ratio
NOV	A Useful, Easy to Make, Inexpensive Antenna (random-length)
DEC	Antennas for Medium-Wave DXing

BEGINNER'S CORNER

JAN	Broadening Your Monitoring Horizons, 10 ideas; ham radio; antennas
FEB	More Antenna Lead-Ins; Satellite Industry Update
MAR	A Beginner's Look at Radio Modifications

APR	Join the Club: A Look at the ARRL
MAY	\$50 Junk Shop AM Radio Challenge; Tigertronics digital modem
JUN	ST-9900 DVB FTA Satellite Receiver
JUL	Getting Started in Ham Radio DX
AUG	Inquiring Minds Ask Interesting Questions (Freeband Ops, MPEGII, investing in sat radio, baseball on internet radio)
SEP	Field Day Fun; HDTV and Satellite beginners questions
OCT	Five Tips for Monitoring Beginners
NOV	Countering the Beginner's Lament (no excuses)
DEC	Multimeter Basics for the Beginner

BELOW 500 kHz

JAN	Mid-Winter Targets: Low-band strategy, hardware hints, best bets
FEB	DGPS Demystified; Other News (setting up remote LF receiver, using VLF to detect gamma ray bursts)
MAR	Lowfer Roundup; Terry Krey, silent key; Loggings
APR	Reader News and Loggings; Canadian beacon reception; Ramsey VLF1; Online ID tool; new BeaconFinder available
MAY	LF Ham Band Near?; UK to AK on 136 kHz; LF Loggings
JUN	Adventures with NAVTEX
JUL	Exploring QRSS
AUG	No LF Ham Band; AM Broadcast Interference? LFE Online; Summertime Strategy
SEP	LF Noise: Part 1, Identification
OCT	LF Noise: Part 2, Remedies; New Alaska beacon
NOV	BeaconFinder FAQs; Beacon loggings
DEC	DXpedition Results; Beaconfinder Updates

CLOSING COMMENTS

JAN	Powell Proposes Radical Shift for FCC - Fred Maia
FEB	No Commercial Market - Dr Paul Shuch
MAR	Secrecy Infests Shortwave Relay Deals - Glenn Hauser
APR	"Midland 1 Listens" - Two Thumbs Up! - Jock Elliott
MAY	Freedom to Listen
JUN	HCJB Abandons North America and Europe vs. FCC Allocates More Spectrum to HF Broadcasting
JUL	MT Marks a Milestone (Q&A with Larry Van Horn)
AUG	A Bad Law Narrowly Averted (Nevada)
SEP	Rumors of DX Death Greatly Exaggerated

OCT Can't Lead from Behind (MARS update)
 NOV Interoperability: Public Safety's Holy Grail
 DEC Holiday Greetings from the staff

COMMUNICATIONS

JAN Scanners and Homeland Security Act; Ultra-wideband Killer Technology?; Cellphone afterlife (recycling); Navy sonar temporary halt; Echostar merger nixed; Military relies on commercial sats; Planespotters acquitted; Railfans encounter suspicion; Internet music compromise reached; Steve Anderson arrested
 FEB Radio Honor Roll (railfan rescuer, savvy dispatcher, LAFD); DC Public Safety System; Michigan Mess; pilot freq mistake; Commando Solo back in action; mesh networks for the military; RFE/RL finds new location; Congo rebels shut independent station; worldwide index of press freedom; another cellphone recycler
 MAR Plumber/MetroAlert Share Honors; DW cutbacks; electronic billboards in Calif; French hobbyist on trial for posting military freqs; VLF antarctic antenna; Nextel pursues spectrum swap; Poptronics, RIP; Ian Poole honored by ARRL
 APR Radio Honor Roll (shuttle search teams); More on Shuttle search comms; Rota "Bull Ring" antenna dismantled; Denver "spy file" cases; Amateur Radio Spectrum Protection Act; war threat a boost for SWLing; Waging an Electronic War; Obituaries (H Taylor Howard, George Henf)
 MAY Iraq war testing grounds for new technology; satellite phones act as beacons?; Cuba may try dissidents; Agreement on 5 GHz WiFi; Experimental licenses; Wis drama heard over scanner
 JUN Volunteers for Homeland Security; NCS becomes part of Homeland Security Dept; Theater Freq Mgt; The Shuttle Blackout Myth; Enhanced SSB "Extremely Inconsiderate"; British Consider Changes in CB Rules; Prank Maydays no Laughing Matter; Maritime Safety
 JUL Hams win one, lose one w/FCC; Broadband over Power Lines NOI; Nevada Highway Patrol forgets to file; HOKA in Hot Water; Michigan doubles mobile scanning fine
 AUG Controversial FCC media ownership rules; FCC too dependent; ARRL joins Citizen Corps; Marine voice goes silent; Commercial Spectrum Enhancement Act; Spectrum management study; NYC TV still

struggling; the Anderson/Rudolph connection
 SEP RFPI Under the Gun; Congress Poised to Reverse FCC Ruling; Record Radiocommunications Conference
 OCT Nextel, NASCAR, and Scanners; Internet on the Grid in Manassas; Roy Neal, SK; The Big Blackout not all bad news, Hams a Bright Spot During Blackout; Personal Views: Toronto During Blackout, What Blackout?
 NOV court problems with new media rules; cellular/public safety interference; jamming with a Cuban twist; Marti by satellite; radio drop blocked; Steve Anderson sentenced; NHP system to be scrapped; ghostly interference
 DEC Radio Honor Roll: Why Scanners Should Not be Regulated; 73, SK; FCC issues spectrum leasing rules; High Spectrum Openings; High speed at high altitudes; FCC raids long-time pirate station; Commercial pirate; Cumulative RF radiation

COMPUTERS & RADIO

JAN New Products from Old Technology: sun-powered headphone radio, portable solar chargers, plug-in cigarette lighter receptacle, foldable keyboard, LED light
 FEB The RPR-X340 "VCR for Radio"
 MAR Monitoring the Planet Jupiter (Radio-Jupiter Pro 3.0.23)
 APR Monitoring the Planet Jupiter - radio and antenna requirements; Radio-SkyPipe 1.1.39
 MAY Digging Signals Out of the Noise: Diamond Cut Five/Live3 Program
 JUN Decoding RTTY, NAVTEX, and More (SeaTTY and TrueTTY)
 JUL The World in Your PALM: PCRPilot3C, Palm320, Palm RX320, ScanPro780, Palm Emulator
 AUG A Potpourri of Useful Programs: Print Screen Plus, HamCalc ver 62, Ad-Aware 6.0
 SEP PROBEing with the PCR1000: Datafile's Probe 1K
 OCT Big Help for Tiny Icom IC-R5: CS-R5 cloning software and IC-R5.com software
 NOV DRM - Who and What is it?
 DEC DRM: Digging Deeper (description, software and hardware to receive)

DIGITAL DIGEST

JAN Digital Comms at Sea: Petrom, Spanish Navy, Russian BEE
 FEB Pakistani and Indian Diplo Ops; Venezuelan Net; New Node in British ALE Net
 MAR New Egyptian Hieroglyphics (new diplo encryption); Network build-out at SeaWave; More Mexican military; Utility Monitoring Central

APR Two Diplomatic Nets: MFA Copenhagen, MFA Budapest; Venezuelan Navy River Units
 MAY Scrambled Voices (Mystery SSB Transmissions, What does a speech scrambler do?) MIL-188-110A soundcard decoder; N Korean Diplo; MFA Algiers
 JUN Japanese Diplomatic Service Activity; Tadiran HF Equipment; Brazilian Forces Net
 JUL All at Sea with CODAR; Mystery PactOR networks
 AUG Venezuelan Army; HMS Carlskrona (Swedish Navy)
 SEP Decoding Software Update: Wavecom, SkySweeper, Hoka, Radio Raft, AX.25
 OCT Maritime and MFA: CODAR update; MFA Copenhagen on HF; Ecuador Navy on ALE; MFA Paris high-speed HF
 NOV Listening to Low Freq Utes
 DEC Digital Winter Mixed Bag: USCG ALE Net on the Move; Brazilian Navy; STANAG4285; The Morning FAX from Japan

THE FED FILES (odd months)

JAN The City of Brotherly Love (fed agencies in Philadelphia); EPA frequencies; Strategic Petroleum Reserve freqs - the mystery Texas signals
 MAR Monitoring Phoenix - The Land of the Sun; DOI purchasing APCO P-25 Equipment; Coast Guard "Rescue 21" being Deployed
 MAY US Dept of Homeland Security: Main Directorates
 JUL Homeland Security, Part Deux: Transportation Security Admin; FAA NARACS; NEST moving; P-25 Activity Found; FLETC Getting New Radios; New Encryption Standard; Boeing in FL
 SEP Update on Space Center Trunking: More NASA Trunk Systems; More gov APCO 25 Uncovered; TIGTA
 NOV NASA Callsigns; Monitoring the NIICD (wildfires); US gov freqs in France; More APCO 25 Comms; San Diego Area Fed Freqs

THE GADGET GUY

JAN Plantronics' CT10 Cordless Headset Phone
 FEB Icom's Insanely Great IC-T90A
 MAR Galaxy's DX 2547 CB Base Station Shines
 APR C Crane LED flashlights
 MAY Midland's Excellent GMRS/FRS Handi-Talkie
 JUN Midland WR-30 FM/Wx radio
 JUL Cobra's Excellent PR 350-2WXVP
 AUG Minelab's Fascinating Explorer II Metal Detector
 SEP Follow-ups on some worthy gear: Icom IC-706 transceiver, Minelab Explorer II metal detector
 OCT Survival Tools: Navitool, I-Quip, Survival Staff

NOV Cobra's Sweet-Sounding
PR4000WX
DEC Rokenbok System radio-
controlled toys

GLOBAL FORUM

JAN Some have a use for shortwave,
some don't; link to HFCC files
FEB Internet Resources for DXers
MAR Deutsche Welle Drops English to
US; Radio Netherlands
Reorganizing
APR WARC 2003 / HFCC
MAY Where the Buzzes Are (DRM);
latest WRTN update File; El
Dorado for LA DXers; DX Signal
site
JUN (see Closing Comments)
JUL "Monitoring" Shortwave People
(Steve Anderson, Harry Kliphuis,
Richard Kotey, RKL Jem Cullen)
Web Resources
AUG Spurs, Images, and Harmonics
SEP Shortwave Lives!
OCT Shortwave Lives!
NOV Radio Free Cascadia Intl
DEC WPE, WDX SWL Call Signs

LETTERS

JAN Ed note re Milcom/Fed File swap
and Kosovo correction; feedback
on using electric fence wire; old-
time hucksters; more opinions on
MARS; Marconi memorial
pictures
FEB RDFing the Old Way, Emergency
Kit Scanner, Memories of China,
Winter SWLfest; listening post
picture, pic of KIMF location
MAR What's the Law?, Satisfied
Satellite User, Railspotters
Encounter, Lowband Listening,
Coro at Kulpville?, Happy
Associations, unid radio shack
APR "Frequency Matters" correction;
cooking show and MT anthology;
Quantum QX Rave; Radio in My
Life winning essay
MAY Winterfest Report; Manufacturers
should get it right the first time;
SW still source of information; the
silent majority
JUN Volunteer Monitors Needed
(RDFing tagged animals);
Notification Networks; Internet
Radio Linking Project; MT Goes
to the Gulf; More on Adjacent
Channels; More on Channel 1
JUL MT Marks LVH Anniversary; SW
and Going Digital
AUG TenTec RX-320 Feedback;
WCBS Correction, Cost of PS
system upgrades, Junk Shop
Challenge, Power Line
Communications, Skip Arey
receives award
SEP For Love of RS DX-66; GPS
Jamming?; MT Express; MT
History Buffs; Pancake antennas;
NJ State Police Update; More on
Michigan
OCT Jean Baker farewell; Oct Cover
correction; Marine Beacons; BBC
Gone Again; Power Line
Communications; DRM; Morocco
photo

NOV On Scene at the Big E; Nevada
Test Site; Support for
SpaceCam; Print Screen;
Hooked on Radio
DEC Proof in Performance (MARS);
Radio in NYC; License to Listen
(air travel tips); DXing Papua
New Guinea; RN Sked; Thanks
to Robert Wyman

MILCOM

JAN The GHFS Net is History (name
change to HF-GCS), frequencies
and procedures
FEB Monitoring the German Military
(Air Force, Navy, Coast Guard,
Unidentified)
APR Monitoring the US Army Aviation
on HF
MAY Monitoring Operation Iraq
Freedom; US Air Force HFRB
Broadcasts; Armed Forces Day
2003
JUN Aerial Refueling Tracks (1)
JUL Aerial Refueling Tracks (2)
AUG Aerial Refueling Tracks (3)
SEP Milcom Mailbag: Delton, FL;
Airshow reports; Spectrum Holes
OCT Milcom Monitoring in the SE
(MCAS Beaufort, Ft Benning)
DEC Monitoring Fort Leonard Wood;
Mil Monitoring in New Jersey;
Pilot to Dispatcher (PTD); Recent
Milair Freq Changes

MONITORING AND THE LAW

MAY Our E Pluribus Unum Radio Laws
JUN New York Monitoring Laws
AUG Navigating Florida's Scanner Law
SEP Monitoring Rules Apply to Police
OCT All Eyes on California
NOV Monitoring Michigan
DEC South Dakota PD Wants Your
Scanner

MT REVIEWS

JAN Wavecom W40PC
FEB CCRadio *plus*: The Ultimate
AM/FM/TV/Wx Band Portable?
MAR WiNRADiO WR303i shortwave
receiver; Delphi's SKYFi XM
satellite radio system
APR Talon Magnetic-Antenna Mast
Adaptor
MAY GAP "Hear It" DSP Speaker
JUN TenTec RX-320
JUL Ramsey Radio Direction Finding
Kits: DF1 Foxhound; DDF1
Doppler RDF
AUG Grundig Classic 960: Instant
Antique Radio
SEP PAR End Fed Z EF-SWL
Antenna
OCT FRS in Perspective (Midland G-
225)
NOV K40 RD850 Radar Detector; PAR
Antenna follow-up
DEC Kenwood's Here2Anywhere
Portable Sirius Kit

ON THE BENCH

JAN A New Use for DSS Dplxers
(one cable, two antennas)
FEB An Economical BCB Ribbon
Loop Antenna

MAR External Antenna Jack on
Sangean ATS-909; Interference
Filter for Medium Wave DXers
APR Rotary Antenna System Solutions
MAY MFJ's Versatile Noise Canceling
Tool, MFJ-1025; modifying the
MFJ-1025 for AM/LW
JUN Software for the RX320
JUL Two Eras of Technology: The
National NC-183D vs. the Icom
R-71A
AUG The Great (TenTec) RX-
320/(WinRadio) G303i Face-Off
SEP Tips from our Readers: FM Band
Preamp for FM Dxing; Roll Your
Own 800 MHZ Quarterwave;
Heatsink Those Soldering Jobs;
Save Those Walls!
OCT Tivoli PAL; AlphaLab RF Field
Strength Meter
NOV "How a Geek Sets His Watch"
DEC Debriefing Hurricane Isabel:
What worked, what didn't

ON THE HAM BANDS

JAN A New Use for DSS Dplxers
(one cable for two antennas)
FEB Do It Yourself QSL Cards
MAR Slinkys in the Sky
APR Ham History through the
Handbook
MAY The Well Rounded Radio
Amateur
JUN When PIGs Fly; Field Day;
Summer Reading
JUL Pursuing QSLs
AUG Power Line Communications
SEP Fall Clean-up
OCT "Manual" control (putting your
manuals on CD)
NOV Uncle Skip's Holiday List
DEC My Favorite Contest (ARRL 10
Meter)

OUTER LIMITS

JAN Holidays Prime Time; Switzerland
BCing Situation; Free ACE
FEB Pirate BCing Nixed by FCC
(statement about FCC policy re
pirates)
MAR Iraq War Begins with USA-
Sponsored Clandestine
Broadcasting; Saudi Clandestine;
Berkeley Bust; Winter SWL Fest;
Steve Anderson Indicted
APR Iraq War Clandestines Continue;
Hit Shortwave; Pirate Activity
Patterns; Arthur in, Helms retires
at ACE
MAY Odd EuroPirate Freqs; UK Gov
Chasing Pirate ISPs; Kulpville
Pirate Forum; Iraq Clandestine
Info
JUN Slight Reduction in Pirate
Activity; DXing.info; Information
Radio
JUL Information Radio More
Commonly Heard; NA Pirates
Shifting Frequency; RTTY Pirate;
Dutch Pirate Busts
AUG KIPM Clarifies its Radio Format;
Iraqi Communists; European
Maildrop Addresses

- SEP Trailer Park Ministries Mystery Solved; Pirate Frequencies Still Variable
- OCT Finding Humor in Pirates (Partial India Radio); Pirate Freqs Still Variable
- NOV FM Pirate Radio Free Cascadia; Arthur J Green photo found
- DEC DX Conditions Improving; Talk Like a Pirate Day

PLANE TALK (even months)

- FEB Airport Freqs (New Orleans, Denver, Atlanta, Houston, Dallas-Ft Worth, St Louis, Des Moines); AirNav Live flight tracking software; news and jokes from Australia (Bob Bell)
- APR Potomac Consolidated TRACON; airport freqs (Wash-Dulles, Balt-Wash; Anchorage; Orlando; Boise; McCarren [Las Vegas]; Port Columbus and Rickenbacker [Columbus, OH]; Ft Wayne)
- JUN Recording Cockpit Voices and Flight Data; Center Weather Service Units; Anchorage Center Freqs
- AUG Visiting Texas (Ft Worth ARTCC Remote Transmitter Sites, Dallas/Ft Worth Intl, Dallas Love Field, San Antonio Intl, Houston ARTCC remote tx sites); HF Aeronautical Frequencies; West Coast ARTCCs (Seattle, Oakland)
- OCT Plane Talk about Denver; Denver ARTCC, Denver International
- NOV Monitoring the Test Pilots; Robins AFB airshow

PROGRAMMING SPOTLIGHT

- JAN It Helps to Have a Big Brother (SWBC survival techniques)
Selected Programs: By Station
- FEB Two international media competitions: NY Radio Festival, The Third Coast Festival
Selected Programs: By program type
- MAR Award-Winning International Radio
Selected Programs: By Day
- APR "Gone," but not Unheard (how to hear stations not targeting NA)
Selected Programs: By Station
- MAY DX, SWL, Media & IT Programs
Selected Programs: By Type
- JUN Just Stickin' to 49 (meters)
Selected Programs: By Day
- JUL Summertime Easy Listening
Selected Programs: By Station
- AUG Appointment Listening and Other Tips
Selected Programs: By Type
- SEP The 30-Minute Radio Magazine
Selected Programs: By Day
- OCT Monitoring the Voice of America
Selected Programs: By Station
- NOV DX Programs: the VOA and You
Selected Programs: By Station
- DEC "Shortwave" without Shortwave
Selected Programs: By Type

QSL REPORT

- JAN news and tips on QSLing
- FEB Philately and QSLing
- MAR It's All About Storage
- APR Prague releases new QSL card
- MAY Russian Reception Report Forms
- JUN Don't Sweat It (MW)
- JUL Ready for Island Hopping?
- AUG 15 Years Later ...
- SEP The SASE Method
- OCT Enclosures
- NOV Time for a follow-up?
- DEC Electronic QSLing Sign of the Future

RADIO RESTORATIONS

- JAN Continuing the Zenith 6-S-229 Restoration
- FEB The Zenith Comes to Life
- MAR Aligning the Zenith 6S229
- APR A Short History of Vacuum Tubes
- MAY Wrapping up the Zenith 6S299 Project
- JUN Our Next Project: The Hallicrafters S-40A
- JUL The Hallicrafters S-40A: Clearing the Decks
- AUG S-40A Cosmetic Problems
- SEP S-40A Tuning Drive Reassembly; New "Impoverished Radio Experimenter"
- OCT S-40A Mechanical Reassembly and Tube Testers
- NOV Recapping and De-Modifying the S-40A
- DEC The S-40A: Still a Restorer's Challenge; EH Scott, The Dean of DX book review

SATELLITE SERVICES

www.monitoringtimes/mtssg.html

- JAN Galaxy 5, Galaxy 9, Telstar 7, Satcom C3, Galaxy 1R
- FEB Americom-7, Americom-8, Americom-6, Galaxy 3R, SBS-6, HGS-5, Americom-5
- MAR Americom-2; Americom-3; Telstar 4; Galaxy 11
- APR Telstar 6; Galaxy 3C; Telstar 5 (Ku band)
- MAY Telstar 5 (C-band); Galaxy 4R; Americom-4; Americom-1
- JUN GSTAR-4, Anik F1, Morelos 2, Anik 2, Solidaridad 2 (C-band)
- JUL Solidaridad (KU-band); SATMEX-5; Anik E1; Galaxy 10R
- AUG Galaxy 5; Galaxy 9; Telstar 7; Satcom C3
- SEP Galaxy 3R; Satcom C4; Americom 7, 8, 6
- OCT Americom 6, 5, 9, 3; Galaxy 12; ABS-6; HGS-5
- NOV Americom-3, Galaxy 11, Telstar 6, Galaxy 3C (Cband)
- DEC Telstar 5

SCANNER EQUIPMENT

- JAN Radio Shack PRO-95 Scanner
- FEB Software for Icom IC-R2, IC-R3, and IC-Q7; PRO-92A/B, PRO-2067 Squelch Modification

- MAR Tk92 Software for the PRO-92/2067; ICOM IC-R3 UHF Interference
- APR Audio and Visual Amplification - GRE Super Amplifier, OptiVISOR Binocular Magnifier
- MAY Uniden BC250D Portable Scanner; C Crane Versacorder problem; Become a Scanning Renaissance Man
- JUN Uniden BC785D Tabletop Scanner
- JUL ICOM IC-R5 Portable Receiver; Nitellogger II Source
- AUG Software for ICOM IC-R10 and IC-R5 Receivers
- SEP The Tactics of Highly Successful Scannists
- OCT Scanner Collector Items; Frugal Indoor Antenna
- NOV Aceco FC2002 Frequency Counter
- DEC Radio Shack PRO-96 Scanner

SCANNING CANADA

- JAN A Royal Visit; Bill 49 a Threat?; Scanning Whistler, BC
- FEB Into the Icefields, Pemberton, BC
- MAR Ham-Ex, Canada's "Dayton North"
- APR World's Largest Shopping Mall, Province of Alberta
- MAY Scanning Canada's Lakes; OPP Still Around
- JUN Digital Police Special; Who's going digital and who's not
- JUL What's Left to Scan, Eh? Transportation and school bus freqs
- AUG The Maritimes Scanning Site
- SEP Scanning the Ottawa Valley
- OCT More Analog Police Frequencies
- NOV Emergency Management Radio Services; US/Canada cooperation; Calgary move to digital
- DEC Reader Contributions; HMCS Haida

SCANNING REPORT

- JAN Refarming at the Movies; Weather Research Activities; Niagara Falls Scanning
- FEB Florida Films and Seattle Scanning; Matt Cawby profile
- MAR An Avalanche of Frequencies (new VHF licenses)
- APR Vern Modeland profile, Arkansas-Missouri frequencies; move movie freqs; Detroit PS freqs; SE Pennsylvania freqs
- MAY The Wireless Metropolis: new 4.9 GHz public safety band
- JUN My Head Hurts from Gigahertz!; Advanced Wireless Services; GA Dept of Corrections
- JUL Confirmed AZ frequencies; new GHz assignment; Eagles concert in Sunrise FL, Masters Golf Tournament in Augusta GA, Qualcomm Stadium in San Diego CA; Houston update
- AUG Arizona Update; NASCAR and Nextel; Taylorsville, NC; Gulfport, MS; Emergency Response

Exercises; Radio Spectrum Management; Belmont Stakes; how to research frequencies

SEP Palm Beach County Transitions to Trunked

OCT A Guide to Southern Oregon

NOV The NFL Football Report (Kansas City, Phila, Miami); Miami and San Francisco stadium event freqs; ICOM PCR-1000 software; Homeland Security patient tracking system; wireless courtroom

DEC A Fond Farewell; Closing Thoughts on New Technology; Mail (Phoenix/Tempe area wildfire monitoring)

TRACKING THE TRUNKS

JAN Military Trunks and Radio Manuals; Cincinnati Airport correction; PA OpenSky update

FEB Puerto Rico federal trunked systems; Uniden on future plans for digital card; Phila, PA; Palm Beach Co, FL

MAR APCO P-25 Family Traits, how it works and which radios can hear what; State of Florida update; Riverside County, CA

APR Testing, Testing...(new systems): Howard Co, MD; Montgomery Co, MD; Phoenix/Mesa, AZ; State of Ohio; New York, NY. Tracking 9600-bd systems; Radio Shack digital scanner? Scanner software list website

MAY Motorola Busting Out all Over: Martin Co FL, Genesee Co MI, Anne Arundel Co MD, Loudoun Co VA, Fairfax Co VA, Airports

JUN Sorting Out Talkgroups in LA; Flagstaff, AZ; Johnson County, IN

JUL Converting Console IDs, Rapides Parish, LA; Jacksonville, FL; Anne Arundel Co, MD; Annapolis, MD; Marin Co, CA; Hamilton Co, OH

AUG Radio Shack Announces PRO-96; Interference

SEP Radiocommunications on the Internet. South Dakota, EDACS and the PRO-92

OCT Tracking the Logic of LTR (Quebec, Albuquerque, Colorado)

NOV The Digital Diversity of APCO-25; new Uniden scanner; Rapides Parish, LA; Cleveland, OH; Pelham, NH

DEC Signs of Things to Come: Wash DC, State of Alaska systems

UTILITY WORLD

JAN Antarctica on HF; Cuban Morse from Canada?!

FEB Is Wireless Email the Future of HF? (PACTOR systems), SailMail freqs; more on Antarctica

MAR A Marriage Made in Cyberspace (Winlink 2000); Even more Antarctica

APR Monitoring Digital Selective Calling

MAY US Changes Radio Rules as WRC-03 Approaches

JUN Utilities in the Gulf: Air-ground phone Patches, ALE, Weak Signals; Where is New York VOLMET?

JUL Old "German Numbers" Resume; FCC Experimental Licenses (incl. CODAR); NY VOLMET Returns

AUG Hilda Global: All the World is One; coronal holes and gealert software

SEP WRC-03 Wraps Up; SHARES Adds 2 frequencies; Geoffrey Halligey

OCT ALE: Everyone's Getting Linked (Venezuela, Mexico, unid); WWWH

NOV Long Distance Operational Control; Echo Charlie

DEC Globe Drops SITOR Service; Is Telex Really Dead?; More on Honolulu Weatherfax

VIEW FROM ABOVE

JAN Trading Spaces (GOES-9); An eye on NE US

FEB To Buy or Not to Buy? (transition to digital LRIT; Current WXSAT status

MAR NOAA Satellite Conference Report; Starting Out - A Beginner's Story; Monitoring Meteor 3-5

APR WXSAT to Imaging Program; Operational WXSATs

MAY A Hobby with Ulterior Motives; Polar Satellite Status

JUN Memories of Winter; GOES-12 becomes GOES-E; NOAA Channel Switching; Meanwhile in Europe

JUL Digital for All! MSG-1 opened to amateurs; NOA HRIT and LRIT, impact on GOES WEFAX; NOAA-17 reduces tx power; GMS-5 to GOES-9 transition plan

AUG Digital Weather Satellite Transmissions - LRIT; internet site reminder

SEP Getting Started with Weather Satellites, Internet Site Update

OCT Basic WXSAT Reception

NOV LRIT Testing, Testing... NOAA 14 degradation; NOAA-N status; Hurricane Fabian

DEC Bang! Crash! NOAA-N accident, NOAA 16 Problems; LRIT Test Transmissions

WASHINGTON WHISPERS

JAN New Technologies Undergo Labor Pains (wireless networking and DTV conversion)

FEB SMS: Text Messaging over Cell Phones

MAR Fugitive Radio Operator Arrested in NC

APR FCC Authorizes GPS-Enhanced FRS Transceivers (final column)

WHAT'S NEW

Books, CDs

Antennas for Communications CD Dec

ARRL DXCC List Sep

ARRL FCC Rulebook Oct

ARRL Handbook Feb

ARRL Hints & Kinks Aug

ARRL Image Communications Feb

ARRL Instructors Manual Oct

ARRL License Study Manuals Sep

ARRL 2003-4 Repeater Directory Jul

Ask Bob Anthology Apr

Astronomy Demystified Apr

Australasian SW Guide Feb

Bepop to the Boolean Boogie Aug

Crystal Radio Bonanza May

Dictionary of Earth Science Jun

Dict of Geology and Mineralogy Jun

Domestic BC Survey 5 Sep

Electromagnetics Explained Mar

FM Atlas Oct

Getting Started in Electronics Sep

Gordon West Tech Study Manual Sep

Grove SW Directory CD Mar

Guidelines for Christian Radio Apr

Inside the Shadow Government Dec

Klingenfuss HF Publications - 2003 Super Frequency List, Guide to Utility Radio Stations, Shortwave Frequency Guide Mar

Newnes Dictionary of Electronics Jan

Newnes Guide to Radio and Communications Technology Nov

Now You're Talking! Jul

NRC AM Radio Log Dec

On Air - History of BBC Nov

Police Call 2003 May

Radio Data Code Manual May

SPRAT CD-ROM Library Apr

Voice of America, History Sep

WRTH Shortwave Guide 2 Sep

World Radio TV Handbook Apr

YASME Expeditions Sep

Business news, Software

ATOC Tech. catalog Oct

Digital Scanner News Jan

Digital Scanning News May

DXtreme Station Log - multimedia Jun

Grundig Satellit 900 May

Grundig Europe bankruptcy Jul

Railfans Welcome database Oct

Shortwave Report (Dan Roberts) Mar

Transport-comms newsgroup Oct

WinscanDP Jul

Equipment

Ant.Spec. cellular/GPS antennas Jan

AOR ARD9800 digital modem Oct

AOR Signal Magnet Jul

Becker/KVH mobile office Feb

Cambridge Soundworks 730 Jun

Cutting Edge QuickZipRadioPouch Aug

Cutting Edge Ent. RadioWallet Jan

Davis Wireless Weather Station Jun

Edmund Scientific power supply Jan

Griffin iTrip for iPod Oct

Icom IC-R5 Apr

Jabra hands-free headsets Jan

K40 Hi-Performance CB Antennas Jun

Lobeman mini radio Jun

MAYAH DRM 2010 Aug

MAYAH DRM 2010 Nov

Monster ConnectAll 200 Jul

Radio Shack GRE PRO-96 Aug

Radio Shack PRO-96 (first look) Nov

Radio Shack PRO-99	Dec
RIGblaster Pro	Feb
RIGrunner 4010S	Oct
Sangean WR-1 AM/FM radio	Dec
Sangean Travel Pro SW	Nov
Switch On! electronic bldg blocks	Apr
SWL IR Remote for Icom IC-R75	Jul
TERK TV42/44 clip-on antennas	Jan
Terk TV Volume Control	May
Uniden BCI 25D Digital Card	Jun
Uniden BCT8 scanner	Nov
Vanu Software Radio	Jul
Whattmeter	Oct
WinRadio free S-meter plug-in	Feb
WinRadio Long Wire Adapter	Aug
Yacht Boy 550PE AM/FM/SW	Dec

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FEATURES

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Annual MT Baseball Line-Up Card	JUL
Boy Scouts DXpedition	DEC
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Domestic SW BCing in Russia	FEB
Radio France International	MAR
SW Listeners Field Day	DEC
Tales of Two Frequency Clashes	FEB

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Monitoring in Croatia	JAN
Signals from Space (hamsats)	MAY

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GPS-Location, Location, Location	AUG
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Timeshift Your Listening	SEP
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Utilities

Monitoring S America Military	FEB
MT Hot 1000 HF Freqs (#1)	APR
MT Hot 1000 HF Freqs (#2)	MAY

AMERICAN BANDSCAN

JAN	Days of a Stormy Sun; Bits and Pieces - WRLL, KKOB booster, US gov callsigns, WJZ confusion, new TIS stations
FEB	VOA Operates QRO! (Sao Tome); Bits and Pieces (Expanded band, Whoizzit? Digital comes to Mexico)
MAR	Mailbag: power vs height; Xium Air Dish empty promises; unusual reception; Freq shifts and changes, Beverage URL
APR	IBOC Implementation Update; Bits and Pieces (legal and illegal intruders, TIS proliferation)
MAY	12th Street Gets Tough (FCC fines); Verifications; distorted TIS; Canada catch
JUN	Get Ready for More Crowding (new AM licenses); indecency fines; liberal talk
JUL	IBOC: The Next Step; Bits and Pieces: HDTV Ruckus, DX Test QSL, Dead Air for Air America, Openings
AUG	International Notes: Mexico, various; Bits and Pieces (WFAN opportunity; Software Defined Radio)
SEP	Bye-bye, Licenses (Levi Willis stations); Bits and Pieces (Mexicans move; Loopy TIS)
OCT	Win Some, Lose Some (Clear Channel news); Bye-bye licenses part 2: Musical Chairs in Cleveland; Bits and Pieces - New Station, High-Band Skip
NOV	Reading Material (AM Radio Log, Pacific Asian Log, Antenna Reference); Bye Bye Licenses, Part 3; Temporary CHEV Renewal; More IBOC; KGNU solution
DEC	Emergency Radio; K,W...and X; More IBOC

ANTENNA TOPICS

JAN	An Omnidirectional Scanner Antenna (J-pole)
FEWB	Useful Antenna Concepts: isotropic antenna, real-world antenna characteristics
MAR	Learning about Antennas - resources for learning more
APR	Choosing a Scanner Antenna
MAY	Visually-Friendly Receiving Antennas
JUN	Dipoles: Variations on a Theme; Useful Books from LB Cebik
JUL	Some Rules Were Made to be Broken: The higher the better, Resonance will Improve reception, Half-wave dipole feed-point impedance is 72 Ohms, High SR causes significant loss
AUG	Some Vertical Antennas: Vertical quarter-wave ground-plane, Marconi vertical quarterwave grounded; making a vertical antenna

SEP	In Search of the Ideal Antenna: Part 1 - Characteristics
OCT	In Search of the Ideal Antenna: Part 2 - Practical Approaches
NOV	In Search of the Idea Antenna: Part 3 - Practical Transmitting Considerations
DEC	Fading and Antenna Systems

BEGINNER'S CORNER

JAN	10 Meters: Gateway to the Air
FEB	Tuning the FM Band, antenna and receiver options
MAR	Beginner's Look at HF Digital Modes
APR	Cable, FM Reception, and Sirius Issues
MAY	Putting a Big Signal on the Ham Bands Cheap
JUN	Beginner's Questions: FM to Satellites: stacked array; speakers for Sangean 909; CCRadio Plus review; DirecWay risky business?; Free DISH programming; QSL Tips
JUL	Keeping a Log: Options for SWLs & Hams
AUG	New Tricks for Old Dishes
SEP	Monitoring the HF Specialty Nets
OCT	Celebrity Hams and E-Logs Revisited
NOV	Condo Dishes and FM in the Office: Balcony Dishes for Condos, Going for the Big Dish; FM Tuning in the Office Cubicle, Indoor antenna tips
DEC	SWLers QSLing Hams

BELOW 500 kHz

JAN	Looking for Lowfers: receiving tips, QRSS, who's on the air, selected lowfer stations
FEB	Try Longwave! Equipment, identifying; news and loggings
MAR	Congratulations, LWCA (30 yrs); Personal Locator Beacons; Winter SWL Festival
APR	Mystery Beacon (TRY); AOR-Palomar loop swap; Beacon loggings; ODXA 30 years; summary of Natural Radio websites
MAY	WWW Picks - Kevin's Top 17; Discontinued WX broadcasts
JUN	Super Slow CW Results in Record; WWVB Trivia; LF Loggings
JUL	Summer Strategy; SWL Net anniversary; Online Help for RFI; ODXA Update
AUG	Giving Something Back (doing a presentation)
SEP	Longwave Timeline; New ID Resource
OCT	Gearing Up: Antennas; Your Receiver; Read the Manual; Listening Resources
NOV	Long Wave Challenges; Time Warp (results w/very old equip); "Best Bet" Beacons

DEC An Invitation: Gearing Up, What Can You Hear? Logging Your Catch. DXpedition logs from Miscou NB

BOATS, PLANES, and TRAINS

FEB **Boats:** Monitoring the Great Lakes; Equipment; HF gone but not forgotten; resources

MAR **Planes:** Handoff Completed - author background; basics and resources for aero monitoring

APR **Trains:** Lingo of the Rails; New Radio Frequencies

JUN **Boats:** Maritime Monitoring Thaws Out; US Coast Guard Chesapeake; Canadian CG logs; Other HF monitoring; Amateur radio nets; portable monitoring; VHF monitoring

JUL **Planes:** Exploring Your Aero World; An interesting search range; Unicom Freqs; What is a CTAF; ATIS/ASOS/AWOS/A What? Airport Identifiers

AUG **Trains:** Radio Modernizes the Rails - the many uses of rail radio

OCT **Boats:** Marine Emergency Communications; Inside Passage Monitoring (Alaska Freqs); Marine Radio Interference; Local Marine Monitoring (Kingston, ON); Australian Marine Freqs

NOV **Planes:** Air Traffic Control for the Hobby Listener

DEC **Trains:** Railscanning. Rail radio from Ohio. Freqs from Readers: Kansas; Wisconsin; Portland OR; Proctor MN; Akron OH; Snowflake AZ. RailAmerica's New Regional RR; Industrial Yards: BRC Chicago; BS Alabama; Cincinnati Queensgate; P&N Bolger TX

CLOSING COMMENTS

JAN Spend a Little, Save a Lot - *Rachel Baughn*

FEB MARS - A Different Perspective - *Larry Van Horn*

MAR Interoperability: Being Responsible (plus list of non-APCO P-25 systems) - *Larry Van Horn*

APR Evolution of Technology: It's Not What You Think - *Ken Reitz*

MAY Amateur Radio Restructuring - A Tradition - *Larry Van Horn*

JUN Broadband Over Power Lines - *Rachel Baughn*

JUL Sharing is Good - Yes? - *Rachel Baughn*

AUG The Future of the Radio Hobby - *Larry Van Horn*

SEP The Dismantling of America's Voice Abroad - *Alan Heil Jr*

OCT Protecting an "Exclusive" Frequency - *Glenn Hauser*

NOV Let's Hear it for the Hams! - *Bob Grove*

COMMUNICATIONS

JAN SEC at Risk; Firefighting Radio Frustrations; DC System Good to Go; WiFi Gridlock Predicted; WiFi

Fox Hunt?; Radio to the Rescue; Rescue by Satellite; Push to Talk dispute; Tauzin Going Hollywood?; The Call of the Wild (randy ram)

FEB Man Charged after 2nd PLB Rescue; New FCC website interface; FCC bureau reorganization; nano radio invented; PA SP consolidating dispatch; Bob Evans

MAR ARRL proposes entry-level license, code-free HF access; Hard Hit for Hubble; You Want Insults with That? cellphone selective availability system; Earth's magnetic fluctuation; weather alert radio standard set; smart watches too smart

APR FCC Okays BPL Proposal; Issues in Broadcasting (BBC and across Europe); Amending the Morse Code; Tauzin to Retire; DC to Test Emergency Network; Safety Net Radio Bridge

MAY **Broadcasting:** Will There be a VOA; WSHB for Sale; the Power of Radio; Dismay over Ukraine Closure. **FCC & Congress:** Broadband over Power Lines, Doing the Nextel Swap, Indecency vs Freedom of Speech. **Fines & Forfeitures:** For Indecency, for Amateur Radio Service, Two cases maybe closed. Homeland Security: FBI at Your Back Door. **Miscellany:** US Brain Drain, Your Brain on a Cell Phone, Noise Annoys

JUN **Public Safety:** Wisconsin Jammer. **Emerging Technology:** BPL, RFID. **Amateur Radio:** FCC omnibus NPRM. **Broadcasting:** demise of farm programs, WSNJ sold but keeps country format, "cow whisperer" collar creates virtual fence. **Obituaries:** Joseph Zimmernan, Marianna Cobb, Oswald Villard Jr.

JUL **Radio Honor Roll** - 13 yr old ham brings radio just in case, Cell phones for soldiers, CBs for soldiers; **Broadcasting:** Fla Pirates Put on Notice; Pirates interfere with airband; gangland pirate; pirate challenges FCC; Radio Caroline Turns 40; Radio Luxembourg; **Scanning:** NY Statewide System; Nextell Swap; Jammer Sentenced; Australia debates media access; **Emerging Technology:** Robots. **Miscellany:** Tauzin Still Truckin', Surround Sound (whales), Killer Radio

AUG **New Technology** - GPS; **Broadcasting** - WSHB Sold to LeSEA; NASB Elects New President; Local Radio for America; Local BCers Sweat Deadlines; Ft Lauderdale on the Air; Local Radio in Baghdad; FCC Gets Tough (radio owner

Levi Willis); Study on Television; **Amateur Radio** - Emergency Volunteers; BPL website; Enforcement Actions; **Scanning** - Hi-Jacked Frequency; Hoaxer Pleads Guilty

SEP **Schools** - School radio stations; teacher uses SW radio. **Amateur Radio** - BPL Team; Hawaii's Gov Vetoes Bill. **Scanning** - Fighting Fires with Relm; **Satellites** - Help from Above. **Milestones** - Congratulations AWR Global DX; John Kraus, Deceased.

OCT **Radio Honor Role** - Amateurs Respond to Wildfires; Amateurs Respond to Hurricane; Radio rules following hurricane. **Amateur Radio** - FCC Clarifies Emergency Communication Policy. **Scanning** - Massachusetts Scanning; Media Rights at Stake in Australia; Frequency Recall in Rockland; Nextel Deal - Who Moves next?; Fast Leaner Mobex. **Broadcasting** - Canada Nixes CHOI; UK Urges Pirates to Go Legit; NASB Report on HCJB. **New Technology** - Intel Announces Radio on a Chip

NOV **Amateur Radio** - Emergency Training for Hams. **Scanners** - Court Decision against McDermott. **Aviation** - Maintenance not "routine" **FCC** - FCC Tower-Siting Rules (historic bldgs), Children's Programming Rules, FCC Kid's Zone, FCC Chairman to be Replaced? **"Spacey" News** - DW Living in another World? **In Memoriam** - James O. Page

DEC **Amateur Radio** - Hurricane Heroes. **BPL** - FCC Okays BPL Rules, BPL in the Real World. **Beacons** - Hurricanes Activate Beacons, Appliance Emergency. **Public Safety** - Office of Interoperability and Compatibility. **Other Radio News** - ELF Radio Transmitters Shut Down, Balloon Collides with Tower, BWI Opens Wireless Lot, Flying Wireless.

COMPUTERS & RADIO

JAN Part 3: DRM Monitoring

FEB Part 4: DRM Monitoring Wrap-up and summary

MAR Flying High with AirNav's ACARS Decoder 2; DRM Update

APR Useful Programs for Radio Users (TRX-Manager, SeaTTY)

MAY Replay Radio - "A VCR for Internet Radio"

JUN Ham Radio Deluxe for SWLs

JUL Can Radio Monitors Love a Butterfly? MixW decoder/encoder/controller etc

AUG A Put-The-Pieces-Together Approach for Free (HamScope)

SEP ICOM's IC-PCR1000 Revisited

OCT Protect Your Passwords - Biometrics and the new BioStik

NOV AirNav Systems Live Flight Tracker 3
DEC AirNav Live Flight Tracker 3 now 6

DIGITAL DIGEST

JAN SITOR-A Still Heard; Swiss Diplo Service, Irish Defense Forces
FEB Receiver Matters, which receiver's best?
MAR Listening Tips; US Civil Air Patrol; Brazilian Navy Update
APR Gulf of Maine CODAR; UMC website updates; Decoder Round Up
MAY Domino, Missionaries, & Moroccan ALE
JUN Globe Wireless Idle Signals Revealed
JUL Globe Idle Signals Part 2
AUG Tunisian Diplomatic Service; Israeli Navy's 4XZ; New Propagation Beacon
SEP Keeping Up-to-Date (sources); Indian Ministry of External Affairs
OCT Getting Going with ALE - ALE Redux; Decoding ALE; What's Out There on ALE? (Brazilian Navy, French Diplo Svc, Mexican Army; French Navy
NOV Brazilian Navy Networks; Brazilian Navy ALE; Estonian Army
DEC Bucharest Calling; Aid Operations in Sudan

THE FED FILES

JAN Back to the Basics: equip, search, research, tips; Travel Freqs: Denver, Minneapolis, Portland OR, Wash DC
MAY Interoperability-Let's Talk; New Interagency Law Enforcement Freqs; Federal Trunked Systems-Bureau of Prisons; Changing Channels; Listener Logs
SEP Dept Homeland Security - New Agency, New Frequencies; US Customs; New Fed Wireless Networks; Secret Service Super Secret?

THE GADGET GUY

JAN Cobra Xtreme Street Communicator
FEB How to Survive Any Storm! (book)
MAR PC NoteTaker
APR The Well-Dressed First-Responder (Moore Manufacturing CM Pro radio harness, Hands-Free radio harness; C Crane Voz earpiece)
MAY Olympus C-750 Ultra Zoom Has Long Reach
JUN Simmons CaptureView
JUL C Crane Freeplay Plus
AUG Garmin's Outstanding Rino 130
SEP MT Reader has Bright Idea - Ecustomware.com Luxeon LED flashlights
OCT Can You Hear Me Now? C Crane's Bionic Ear
NOV ICOM's Superb IC-V8 Handi-Talkie

DEC Are we high enough yet? High Gear's Altitech2

GLOBAL FORUM

JAN RFPI Loses its Buildings; Tropical Band Countdown; Dave's Radio Rx Page
FEB Voice of Mediterranean closes
MAR Precision Frequency Measurement
APR Neat New Websites
MAY XERMX Gives Up On SW
JUN Goodbye to Israel, Slovakia, Switzerland
JUL Information Radio is Back - from Bahrain or Ships?
AUG Radio Mexico Int'l Finally Closes Down; Fire at Radio Habana Cuba
SEP Shakeup at Voice of America Leads to Staff Revolt
OCT An American SW Broadcaster's Perspective (Jeff White, Radio Miami Int'l)
NOV Minivane Radio, New Clandestine for Maldivo Is.
DEC A Modest Proposal for Coping with Jamming

LETTERS

JAN Happy New Year (2004 column changes); Keep Radio Open to the Public (Calif fires); Applause for ARINC and MT; Overseas Purchase Woes; Sun-Struck
FEB The Evolution of MARS (various perspectives); Fractal Challenge
MAR Radio Frustrations; Streaming Scanners; Scanning in S Dakota; To the Propagation Prof; SWL Callsigns; MT Covers; Kevin Carey's radio shack pic
APR Correcting the Record (WR303i & DRM, Oud vs Loud typo); Grundig Mini 100PE; FRS (Motorola vs Audiovox); Station IDs (Radio Reloj, Radio Diva); Support for MT (lifetime subs, MT Express)
MAY Greetings from Baghdad; Budget Busters; Testimonials
JUN Fineware and DRM; Welcome, Prime Time; Puzzling over new technology; Music without words (RFI); Simple solutions (digital card problem, producing 4-pt type)
JUL Anything for a Sale (Japanese magazine cover); Bruno the Scanner Dog; Pet Peeves; Bring Back Radio Dramas; PRO2001 Still Going Strong; Aid for Iraqi Amateurs; My Start in Radio
AUG Missing the FedFile; Lat vs Long; CCRadio; Ham Radio Deluxe; Local Laws; Trivia Time Below 500 kHz; Geocaching; Bellingham Museum
SEP Setting the Record Straight (MLB baseball line-up; Yagi antenna; Japanese magazine cover); Latin Logger's radio shack; SW Online Forum in Spanish; Old Time Radio source

OCT Mystery Antenna in Roswell; Hobnobbing with Jay Leno; Lowe not shipping to North America; Down Memory Lane (Intl SW Listeners Guide), Reader Survey
NOV Bob Parnass Retires from MT; Hearing the Hurricane Hunters; Hurricane Evacuation and AM Radio; Frequency Tips; Volunteerism (Marconi Museum)
DEC The Spirit of Giving; Time Shifting; Appreciation for departing columnists

MILCOM

JAN Mil Monitoring in Las Vegas; DOE/NV Test Site Trunked System; KSC/CCAFS Trunked Updates; 104th Fighter Wing Freqs; Milair freq changes (various); NATO Daily Callsigns; Marine base Barstow CA help needed
FEB Mil Monitoring in Brasstown; misc freq changes
MAR Military Flight Demonstration Groups - frequencies, equipment, show schedules
APR Military Frequency Spectrum Holes
MAY Who are the Black Daggers? Military Frequency Potpourri; NOTAM Freq Changes; Spectrum Holes
JUN New Military LMR Band: 380.0-399.1 MHz; Frequency Changes; Pop Air Force Base
JUL Airshow Frequency Update; 1-2 Aviation Regiment; Helicopter Training Squadron 8/18; Monitoring Hawg Smoke; New NOTAM Frequencies; Spectrum Holes
AUG Sub-bands in the UHF Milair Spectrum (glide slope freqs, ARTCC/ATC assignments, FAA spectrum holes)
SEP Is HFGCS Switching to Digital Voice? AWACS first on HF email; Eglin AFB Trunk System LMR Update
OCT Catch a Wave and Monitor a Flat Top! (US Navy Aircraft carriers and their wings)
NOV Monitoring the HF Action Bands; Frequency Changes; Military Trunk Systems Update
DEC The New Year's Deadline is Near! (narrowband); Westover Air Reserve Base; National Capital Region P25IP trunk system; Ft Gordon trunk system; Freq Changes/Spectrum Holes found; NG HF ALE addresses change; NORAD tracks Santa

MONITORING AND THE LAW

JAN On Air but no longer On Line (re streaming audio)
FEB May the Law be with You (radio confiscation in Adirondacks)
MAR Kentucky Scanners: Use It and Lose It
APR Be My Guest (changing attitudes and statutory law vs US Codes)

MAY Scanners in the UK
 JUN Eight Website for Finding Your Monitoring Law
 JUL New Florida Law; Scanners in Virginia and West Virginia; Radar Detectors in VA; Police Jammer gets 8 years
 AUG Pranks Result in Federal Conviction under Patriot Act; Critical Infrastructure Defined
 SEP The Bill of Rights - Void Where Prohibited by Law?
 OCT Dumb Radio Laws (Chattanooga, TN); Finding your own city code
 NOV How High Can You Go? Scanner antenna regulations
 DEC Are You Law-Abiding? Or Ignorant?

MT REVIEW

JAN WiFi Plus Wideband Antennas
 FEB MFJ Travel Tuner; PowerPort GearHarness
 MAR Yacht Boy 550PE portable AM/FM/SW receiver; Sounds Sweet side-by-side speaker comparison; Kaito KA1102 multiband portable
 APR AOR's Top-End AR-ONE
 MAY PAR Electronics Stressed Moxon 6-meter Beam
 JUN Monitor 4 Geiger Counter
 JUL AOR WL-500 Window Loop Antenna
 AUG Sirius vs XM: the AudioVox/SkyFi Faceoff
 SEP AOR ARD25 Data Receiver; DWM Yo-Yo Tenna
 OCT Kaito WRX911 vs Grundig MiniWorld 100PE
 NOV WiRADiO's G313i HF Receiver
 DEC WiNRADiO AC-71C Discone Antenna; ICOM SP-23 Noise-Reducing Speaker

ON THE BENCH

JAN A Visit to AVCOM; Another EZ-SWL Antenna Testimonial
 FEB How do receivers work, anyway?
 MAR VHF Slim Jim Antenna for 2m
 APR BYOB - Bend Your Own Brackets
 MAY How do CW Transmitters work, anyway?
 JUN Experimenting with DRM
 JUL Audio Amplifiers You CAN Build
 AUG Meteor Scatter Communications
 SEP Setting up a Radio Shack
 OCT Black Light Goes Solid State (Nichia UV-LEDs)
 NOV FlexRadio Software Definable Radio
 DEC Running PowerSDR for the FlexRadio SDR-1000

ON THE HAM BANDS

JAN Happy New Year - more amateur radio resolutions
 FEB Microwaves Ain't Just for Cooking
 MAR The Rarest of DX (top ten hardest logs)
 APR Great Ham Radio Reads (ARRL Tech Class Video; International Antenna Collection; ARRL HF/HF Antenna Classics)

MAY Over Ham Radio's Horizon (new technology)
 JUN Uncle Skip and the Meteors (meteor scatter communications)
 JUL Remembering OSCAR; Earth Base
 AUG Are You Ready? (emergency preparedness using pails)
 SEP September Selections (new @ CW character; ham radio and biking; BPL rejected in Iowa; best online swap meet; handheld desk base solution; simulated emergency tests; put emergency channels in your tx; VE anniversary; thank your Elmer
 OCT Fun with Forty Meters and Googling N2EI (Search Engine Ego Trip)
 NOV I Get By with a Little Help from My Friends; Taking Ideas on the Road; Biking Ideas; Take Ideas a Step Further
 DEC Ham Holiday Wish List

OUTER LIMITS

JAN Pirate Commentary or Personal Attacks?; Local Pirates; Andrew Rugg; Argentina Pirate; Euro maildrop change
 FEB Why Do Pirates Operate? Radio Oasen Cut; World Music Radio Returning; South American Pirates
 MAR Unusual Unlicensed BC QSLs; Iraq clandestine shuffle; pirate radio at Fest; new Europirate address; FL/PA pirates
 APR Radio Free Brattleboro vs. FCC; Unusual QSL (Spam Radio); Clandestine Radio.com; Europirate Freqs
 JUN Winterfest Produces WMPR QSLs; Clandestine QSL via Internet; CKUT Intl Radio Report staff change; Radio Free Brattleboro Reprieve
 JUL Summer Static and Daylight; This year's Fest; WNFC; Local Areas Challenge FCC
 AUG USA to Use Aircraft for Anti-Castro Clandestines; Havrilko's ACE Column
 SEP NA Pirates on FM La Voz de la Resistencia
 OCT Magnetic Field and Pirate Radio Activity Declining? KFAR Burglarized; Braveheart Radio
 NOV Radio Moshiah and Redemption on the Web; Voice of Natl Salvation Gone; Minivan Radio; Sudan; Clandestine Web Sites
 DEC KFAR and Radio Santa Cruz Busted; Schoech's QSL Info Page; Europirate Season

PROGRAMMING SPOTLIGHT

JAN Streams of Consciousness: language lessons, Sounds Nordic, The Comfort Zone, religion programs.
Highlights: RA Feedback gone; Elliott clipped; RN weekend afternoons
Selected Programs: By Time

FEB Culture and the Arts
Highlights: BBC, Voice of Russia, China Radio International new programs
Selected Programs: By Time
 MAR Strong Signals (where are they?); Religion on Radio Redux; Comfort Zone Redux
Highlights: Beijing Schedule, Music in other Languages
Selected Programs: By Type
 APR Random Thoughts (Managing Traffic; Platform Migration)
Highlights: Death of the VOA?
Selected Programs: By Station
 MAY DX, SWL, Media & IT Programs
Highlights: BBC High- and Low-light; VOA Cuts More; Sports are Back
Selected Programs: By Type
 JUN Relax...It's Summer! (easy listening)
Highlights: DW in NA; SRI Cuts and Runs
Selected Programs: By Time
 JUL Keep Relaxing! It's Still Summer!
Highlights: BBC-The Proms, Letter; Radio Taiwan Intl; Radio Slovakia Intl
Selected Programs: By Station
 AUG The Right Tool for the Job (buying a new radio, audio improvements, used radios)
Highlights: Scandia News & Notes
Selected Programs: By Type
 SEP Appreciating What's Come Before (classic radios); VOA Needs Our Help Now!
Highlights: The Peacock Project; On SW to NA!
Selected Programs: By Day
 OCT The Medium versus the Message (good programming that's good regardless of delivery mode)
Highlights: WRN via WRMI
Selected Programs: By Station
 NOV Listening to Canada
Highlights: DX, SWL, Media & IT Programs
Selected Programs: By Station
 DEC The Holidays on Shortwave
Highlights: DX, SWL, Media, IT
Selected Programs: By Station

QSL REPORT

JAN National Holiday QSLing
 FEB More Holiday QSLing
 MAR Merci, Danke, Grazie, Obrigado, Thanks...for the QSL!
 APR Tentative Reports
 MAY Got QSLs? (ham awards open to SWLs)
 JUN Award Chasing (NASWA DX awards)
 JUL Hot July QSLing (all logs)
 AUG The Lure of QSLing Lighthouses
 SEP Staying Current on QSLing Trends
 OCT Location, location, location! (transmitters and relay sites)
 NOV Automated Reception Reports (Radio Free Asia)
 DEC Ring Their Bell!

RADIO RESTORATIONS

JAN S-40A Wrap-up
FEB The "Human Side" of Radio Restoration (RCA Victor 1AX1)
MAR Continuing with the "All American Five"; To Recap or Not Recap?
APR Book Reviews and Readers Comments (Impoverished Radio Experimenter, Complete Guide to Antique Radios: Tabletop Vol 4, Charles Herrold, Inventor of Radio Broadcasting)
MAY Finishing Up the "All-American Five"
JUN The National NC-46
JUL Calling in a Substitute: Reversing the Owner Mod; Cabinet and Controls; Enter the Tragic Flaw; Substituting the NC-57
AUG Methodical Radio Restoration: 1. Starting Up Your Project
SEP Methodical Radio Restoration: 2. Capacitor Replacement
OCT Getting Back to the NC-57
NOV Visiting a Major Antique Radio Meet
DEC Back on Task with the NC-57

SATELLITE SERVICES

www.monitoringtimes/mtssg.html

JAN Galaxy 4R, Americom-4,-1 (Ku)
FEB Americom-1 (C),-2; Anik F-1, Morelos 2
MAR Anik E1, E2R, Solidaridad 2; Morelos 2
APR SATMEX-5; Anik E2; Loral Skynet Telstar 13; Echostar-IX; Galaxy 10R
MAY Panamsat SBS-4; Panamsat Galaxy 5; Panamsat Galaxy 13; JSAT International Horizons-1; Loral Skynet Telstar 7; SES Americom Satcom C3
JUN Panamsat Galaxy 1R; SES Americom Americom-10, Americom-7, Americom-8, Americom-6
JUL Americom-6 (Ku), Panamsat SBS-6, Americom-5, Americom-9, Americom-3, Galaxy 11 C-band
AUG Galaxy 11 Ku band, Intelsat Americas 6, Panamsat Galaxy 3C, Intelsat Americas 5 C-band
SEP Intelsat Americas 5 Ku-band; audio subcarrier updates
OCT Panamsat Galaxy 4R; SES Americom-4; NASA News Americom-1; Americom-2; AnikF1; Anik F2 (C-band); WCPE update
NOV Anik F2 (Ku); Solidaridad 2; SATMEX-5; Anik E2

SCANNER EQUIPMENT

JAN NCS-3230 Multi-Rx Audio Controller; Yaesu VR-5000 Hint
FEB Uniden BCT8 Scanner
MAR Radio bench, test bench, portable scanner stand; reader comments on PRO-96
APR Uniden BC296D Portable Scanner; Trunkito MPT1327 Trunk Tracking Software

MAY Uniden BC796D Scanner
JUN Choosing a Scanner: Scanning Tips (PRO-92, -2067 f1se CTCSS code; how to reset Uniden scanners; antennas for handhelds; scanner speed-up advice; spectrum display low IF output; equipment repair and maintenance; closing problems; join a club
JUL CSI Flex Series Multiprotocol Decoder; Monitor vs. Scanning Receiver
AUG ICOM IC-R8500 Revisited; Uniden Documents Computer Commands
SEP Uniden BC80XLT Portable Scanner
OCT Uniden BC898T Scanner
NOV ICOM IC-R20 Portable Receiver; Bob Parnass farewell
DEC A New Era in Scanning - First Look at the Uniden BC-246T (LVH)

SCANNING CANADA

JAN New Year, New Freqs; Windsor Casino; Toronto Airport terminal getting new system, ILS Landing tests, Pearson tight security; Annapolis Royal Police
FEB Scanning the Railhead, The Orangeville and Brampton Railway; Can-US freq cooperation 220-222 MHz
MAR Ham-Ex Time again; Caledon, ON
APR Brampton ON; Lester B Pearson airport's new Terminal One; More Code an official language? (April Fool); HMCS Haida hobby radio sunk
MAY Respond Emergency Communications (Mississauga)
JUN One Busy Megahertz: 30 MHz Canadian assignments
JUL Digital Frequency Hunting at Toronto Airport
AUG Frequency Hogs in Hogtown (Telus Mike system vs Metro Toronto PD); Scan Alberta enthusiasts; GeoScanning 80W 44N
SEP Ontario Gov Mobile Comms Project
OCT Burgers, Busy CD, and Boy Scouts - 30 MHz listening; Quebec Scanning; Ontario Freq Directory; ScanCan and Boy Scouts
NOV Our "Northern" Neighbors - Kingsville ON; Windsor ON; Ontario FleetNet System Status
DEC ScanCan Inside Peel Region Fire Dispatch Center

SCANNING REPORT

JAN The APCO-25 Snowball Effect: Culpeper County VA; Oakland Co MI; Macomb Co MI; Detroit MI; Burbank CA; Louisville KY; Orange Co CA; Utah and the future
FEB Sharing the Cost of Connectedness: James City and

York Counties, VA; South Dakota; Glendale, AZ; Boone Co, IN; Atlantic City; San Diego Co CA
MAR Choosing a Scanner; Firmware Updates to BC296D and 796D, PRO-96; Nebraska; Gaylord MI; San Diego CA; Kosciusko Co IN; Wash DC
APR Internet-Enhanced Scanning (audio online, computer aided dispatch online, putting audio online); Monroe Co MI; Westport MA; South Dakota; Southern Wisconsin
MAY Get a Charge out of Scanning (scanner batteries); Maine; Tippecanoe, IN; Somerset Co, MD; Delmarva (Delaware, Maryland, Virginia); Detroit; Dayton Hamvention
JUN Special Temporary Assignments (GA Public Safety Training Center); Indiana SAFE-T; Imperial County, CA; Aurora, IL; Elgin, IL; Richland County, SC; Pawtucket, RI
JUL New York, New York: New York City Channel 16; New York State System; OpenSky in Pennsylvania; Maine Updates, more Maine updates, and interference in Maine
AUG Reshuffling the Frequency Deck (NJ-NY freq swap); Arkansas (Benton Co, Washington Co); Illinois (state system, McHenry Co, Mutual Aid Box Alarm System); Daytona Beach FL
SEP Phoenix, Philadelphia, and Pennsylvania - Phila Air & Sea; Homeland Defense Alerts; Phoenix-Mesa; Concert Scanning, Boston; PA State System, Phila, Cumberland Co, Westmoreland Co, York Co
OCT One Type Does Not Fit All (clearing up the complexity). Southeastern Texas (STARnet, Harris County TX, Montgomery County TX); Houston County GA; Fairfax County VA; State of Virginia; Tempe AZ; West Virginia
NOV Tallahassee and Florida Scanning: Tallahassee, Florida State, Palm Beach Co; Cecil Co MD; Charleston SC; Phoenix Updates; New Radio Shack Scanner
DEC Aeronautical Scanning - general airport monitoring, plus Lincoln NE details. Scanning: Washington DC Metro; Lincoln NE. PRO-96 upgrades

UTILITY WORLD

JAN Maritime Public Coastal Radio list
FEB Oceanic Radiolocation, MW radionavigation, fish net beacons; corrections
MAR AFRTS/AFN Confusion Continues; new beacon oddities; coastal station list additions
APR Shining Some Sun on 4XZ

MAY	US Maritime Safety Information	ARRL Periodicals on CD 2003	Apr	Scanner Master PRO92/95 Case	Feb
JUN	ALE and World Events; NY Volmet Still Gone	ARRL Repeater Directory	Oct	Scanner Master 780 Remote Head	Sep
JUL	Morse Code Enters the 1970s!: Havana Harmonics (gurglers)	ARRL's Vintage Radio	Jul	Scott solar powered jacket	Nov
AUG	Unauthorized Utilities in Amateur Bands (unlicensed Pacific stations, African NGOs, government, military, spies)	Audio Power Amplifier Design	Jan	Scott TEC Sport Jacket	Jun
SEP	A Wandering Blue Star - US Navy ground station; digital voice on USB; BPL threat continues	Confidential Frequency List	Feb	SGC MAC-200 antenna controller	Feb
OCT	Single Letters Fill the Sky (new Enigma codes); National Guard ALE; Is HF Going Digital?	Domestic Broadcast Survey 6	Aug	Terk antenna for Sirius Radio	Mar
NOV	Hearing the Barking Sands; United Nations in Sudan; Interference on 6224	Electronic Gadgets for the Evil Genius	Aug	Terk XMCommander - XM Radio	Mar
DEC	US Navy Closes "World's Biggest Station" (ELF); Bern Radio Drops Voice and SITOR; New Raytheon Sea Radars	Faces of Railroadng	Jun	Tivoli Sirius Receiver	May
VIEW FROM ABOVE		Grundig Satellit - All Models	Apr	Uniden BC-246T	Jul
JAN	Changes in Civil and Mil WXSAT Systems; NOAA 12 & 14; NPP testing	Great Grundig Satellit 700	Apr	Uniden BC-246T coming soon	Oct
FEB	A Hint to NOAA (to make LRIT/HRIT accessible); More on future plans; WXSAT equip suppliers	Grove Military Freq Guide (CD)	Jun	Uniden BC-72XLT/BC-92XLT	Jul
MAR	WXSATs Plans for the Future; FengYun over Grand Canyon; Non-weather sat tx;Current Wxsat status and freqs	Grove Military Freq Directory (CD)	Aug	Uniden BC-898T	Jul
APR	Weather Satellite Reception Basics; NOAA-16 on the mend; NOAA-14 monitoring	Grove Federal Freq Directory	Oct	Valor noise canceling mobile speaker (Grove)	Mar
MAY	A Transmitter for Every Purpose; GOES Users Conference; Snow in Carolinas picture	How to Get Anything on Anybody	Jan	WinRadio WR-G313i (Grove)	May
JUN	The New NOAA and METOP Satellites: type of transmissions and possibility of encryption	IRCA DXers Technical Guide	Jun	XACT Communication Sirius rcvr	Nov
JUL	HRPT Hardware Failing; LRIT and LRPT Manufacturer Comments; GEO and RIG meetings in UK	IRCA Mexican Log	Jan		
AUG	Weather Satellite Reception - Easy to Advanced (special effects); NOAA-N Launch Postponed; New instrumentation for GOES	Klingenfuss SW Freq Guide	Mar		
SEP	Equipment Ups and Downs; Wx Sat Launches 2004-2018; Good viewing; full disk test image	NRC AM Radio Log	Oct		
OCT	NOAA-12 Power Problems; Wallops Command & Data Acquisition Station; Significant Weather Events; WXSAT Site Updates	Other Side of the Control Room	May		
NOV	Decoding APT by Ear; HRPT to APT	Passport to World Band Radio	Feb		
DEC	Endings. Hurricanes. End of WEFAX. LRIT-HRIT the Cheap Way. NOAA Polar WXSATs.	Passport 2005 prepub sales	Sep		
WHAT'S NEW		Quebec Frequency Directory (CD)	Jul		
Books, CDs		Police Call 2004	Feb		
APRS - Moving Hams	Jun	Police Call 2005	Dec		
ARRL Amateur RadioToday promo	Mar	Race Scanning	Jan		
ARRL Antenna Book	Jan	Radio Propagation: Practice and Principles	Jul		
ARRL General Class Manual	Oct	The Amateur Scientist (Sci Am)	Jun		
ARRL Handbook	Jan	The New Communications Technologies	Aug		
		Tower Site 2004 Calendar	Jan		
		VoIP: Internet Linking	Oct		
		Zenith: The Glory Years 1936-1945	Apr		
		Business news, Software			
		Equatorial Line Diploma	Apr		
		Galapagos Is DX Diploma	Apr		
		G&G Communications	Mar		
		Ham software for Mac users	Sep		
		Mayah DRM010	Feb		
		Medium Wave Circle	May		
		Milestone acquires AMECO assets	Sep		
		PRO-2054 and -2096	Feb		
		Radioelectronics website	Nov		
		Radioprimer DX program	May		
		Satellit 800 discontinued	Sep		
		Uniden BCT8 update	May		
		Win96 for PRO-96	Feb		
		Equipment			
		Alinco EJ-47U digital voice module	Mar		
		Alinco DJ-C7T Pocket HT	Nov		
		AR5000A+3B receiver	Sep		
		C Crane AM Antenna	May		
		County Com SW receiver	Sep		
		DWM Yo-Yo-Vee antenna	Aug		
		Garmin Geko GPS receiver	Feb		
		GRE 800 MHz antenna w/swivel	Sep		
		IAC Double Bazooka antennas	Mar		
		Icom IC-703 QRP tx	May		
		Icom IC-R-20	Jul		
		LF Engineering H-900 Gain Probe antenna	Dec		
		Lightning Guard	Jun		
		MFJ 24 Hour Clock 5 time zones	Nov		
		MFJ accessories and catalog	Dec		
		Morse Express Christmas Key	Dec		
		Optoelectronics X-Sweeper	Aug		
		PAR pager interference filter (G)	Mar		
		Radio Shack Pro-83	Oct		
		Radio Shack Pro-96 CPU Upgrade	Oct		
		RadioShack Pro-2096 Scanner	Nov		
		Ramsey Bug kit and catalog	Dec		
		Sangean ATS-818ACS portable	Sep		

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DX Games to Play	DEC
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AMERICAN BANDSCAN (even months)

FEB	State-by-State (Best bets for logging): Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island. WBIX-1060 in trouble? X-band News. More Spanish stations. Heritage call letters. Transmitter on a ship.
APR	Atlantic Seaboard State-by-State; IBOC Experiences; Only in Washington; New Targets; Lost Towers; X-Band Activity; IRCA
JUN	State-by-State Through the South. DX News. KBXZ pirate or

	not? Harmonics: Stations that Aren't. IBOC News
AUG	State-by-State: DXing the Delta. IBOC News; Letters; Stations That aren't; Musical Chairs
OCT	State-by-State Moving Southwest; IBOC News; Oops (interference); It's Baack (payola); Moving
DEC	State-by-State: Way Out West; Katrina; Rita; IBOC News; New station guides

ANTENNA TOPICS

JAN	Alternatives to Elevated Outdoor Antennas - indoor, underground. Build an active antenna
FEB	Antenna Types: Dipoles. Make a folded dipole.
MAR	Antenna Types: The Marconi. Build a ground-plane or two
APR	Antenna Types: Loop and Dielectric Antennas
MAY	Antenna Types: Antennas with Reflectors
JUN	Antenna Types: Helical Antennas
JUL	Antenna Types: Mr Beverage's Wave
AUG	Virtues of Directional Antennas. Build a Yagi-Uda
SEP	Some Basic Antennas for Short Waves
OCT	Liquid Antennas and Other Oddities
NOV	Feed Lines, Waveguides and Their Applications
DEC	Christmas Down on the Antenna Farm ("tree" related antennas)

BEGINNER'S CORNER

JAN	Beat the Sunspot Cycle Blues
FEB	Where are the Bands? Check the Beacons!
MAR	Getting Started in Digital SW Reception
APR	A Set of "Cans" for Your Post (headphones); Reader's Tip on CW
MAY	Ham Antennas for Small Budgets and Space
JUN	Out-of-the-Box Success for Digital Beginners
JUL	Exploring the World of Satellite Radio
AUG	Beginner's Guide to Bargain Hunting
SEP	New DX Season: Four Ways to Make it Great; Field Day Remembered
OCT	ISS: New Opportunity for Beginners; Crossword Puzzle Fans
NOV	Readers Write: Missing Sat Dish Manual; Zinwell FTA Receiver Repair; PRO-9 problems; Resurrecting C-band Gear; Amazon's Amazing (Terk) AM Antenna
DEC	Holiday Picks: weather stations; HD FM radio; digital decoder;

digital TV receiver; DIY radio station; VHF/UHF scanner antenna

BELOW 500 kHz

JAN	Catching Up, Mailbag, Miscou DXpedition
FEB	ELF Shutdown and loggings; VA3LK/WA3ZIA SK; new bnd for UK? Longwave Timeline Additions
MAR	Loggings Galore (Pennsylvania, Wisconsin, Connecticut)
APR	Open the Door to Good DX (closet door loop antenna)
MAY	More from the Mailbag: Longwave in the 1950s; Vintage Marine Band; Australian Loggings
JUN	Longwave News. Cruising for Beacons. 156 Beacons and Counting... New Hampshire Logs
JUL	Summertime Listening; 500 kHz to Light Up?; Mailbag; LWCA Dues to Rise
AUG	Tune-In to NAVTEX. 6-meter amateur beacons.
SEP	One-Watt Wonders (LOWFERS)
OCT	Getting on the Band; Canadian Loggings; Web Tips
NOV	Did You Know... ID, Please; It's Your Call; What Goes Up; On the Road Again; Loggings; Mailbag
DEC	Season Opener: Chasing Euro-Broadcasters; Beacons; Experimental Stations; Bottom End Sweep

BOATS, PLANES, and TRAINS

JAN	Boats: Cold weather, Hot DX. Great Lakes Fall VHF Traffic. Modern Marine Communications. Info from Readers: source for marine channels, finding cruise ship freqs. Winter monitoring.
FEB	Planes: Names and Numbers in Air Comms: Frequency numbers; Runway numbers; VOR Names; Airspace Fix Names; Visual Landmark names. Aero Chart info and ordering.
MAR	Trains: Upgrading the Shack, Yaesu FT-7800; Various RR Freqs; ATCS highlights
APR	Boats: Marine Radio Springs into Life; Canadian East Coast; US Camslant; Amateur Radio; 5 MHz Beacons; Great Lakes VHF; Marine Radio License Changes; KPH on the Air
MAY	Planes: Monitoring Transoceanic Flights: Where to Tune; Understanding What You Hear; Following Aircraft; SELCAL Checks; Aircraft Photos
JUN	Trains: Cold Weather Railscanning. Chasing the CF&E. Carrying Scanners in Indiana. Crossing Whistles. "Hoosier Line" Railway. Steamtown Historic Site

Freqs. Yahoo's RailScan Group. New Milwaukee Channels. Butler Co, KS. Firecrackers.

JUL **Boats:** New Life for Marine HF Morse (KSM)! NOAA Research Vessel; Modern Marine Communications; VHF Activity; Myrtle Beach SC; US Marine Radio License; Canadian HF SAR Frequency

AUG **Planes:** Altitudes, Altimeters, Settings and More. Intersections in the Sky.

SEP **Trains:** The Detroit and Mackinac; RailroadRadio.net; Signal Skip; Hot-box Detector; Voice Train Reporting (VTR)

OCT **Boats:** Marine Meanderings

NOV **Planes:** Finding VHF Aircraft Frequencies (via scanner, AirNav.com, Airport Freq Directory, Percon online sub service, Yahoo! groups, Google, Monitoring Times

DEC **Trains:** Winter Activities and the Yaesu VX-170; basement train layout and receiver review

COMMUNICATIONS

JAN BROADCASTING: FCC auctions 288 licenses; Student station grab. TECHNICAL: Design an SDR; Short solar cycle? Capricious TV; TV-B-Gone. FCC: Wireless highway; Here comes AWS; Nextel/Verizon truce. HOBBY: WUN celebrates 10 years; AWR Wavescan shifts

FEB FEDERAL: Has the DoD FLIPped?, FCC Okayed to Reband 800 MHz; 700 MHz Needed After all? Spectrum Efficiency. AMATEUR RADIO: Enforcement Actions. HI TECH: DRM Sale. BROADCASTING: Drive-by Audio Sampling. SATELLITES: Canadians consider sat radio; changes coming to sat rescue systems; Hubble needs manned repair; Respond uses satellites to deliver aid; Record-breaking 55.1-mile wifi connection

MAR HONOR ROLL: Amateur radio and broadcasting response to Tsunami. FCC: Powell to Step Down; Spectrum not about Freqs; FCC fines KC station. Solar Unrest. BULLETIN BOARD: Baudwalking update; Winterfest

APR ANTENNAS: "Light" antennas; When an Antenna Farm becomes a Forest. VOLUNTEERS: needed to track Indiana Bats. FCC: Nextel Accepts FC Proposal; FCC reaffirms cable ruling; House approves indecency fines; More amateur disciplinary action

MAY SPACE: Shuttle vs Soyuz. FCC: Martin to least FCC; Software Radios Reined In; Software Radios Hit Snag. AMATEUR RADIO: Military Appreciation Day; Islands on the Air;

Hamvention Awards. OTHER: ANARC to be Disbanded; Radio Rumors; BBC World Service Cuts.

JUN SCANNING: New development in Michigan. AVIATION: Flight Service Stations. BROADCASTING: Schools Win, Taliban Clandestine Radio, Attacks in Colombia, Radio Cause of Skin Cancer? New Morse Station. CB: To the Rescue in Iraq. HI-TECH: Preventing RF leakage

JUL BROADCASTING: Vatican Radio, The ITU and the Internet. SCANNING: Michigan House Passes Bill, Doing the Texas Two-Step (San Antonio vs Wichita Falls). FCC: Analog Satellites Obsolete? OLD TECH/NEW TECH: Morse Code the Champion, Earth Sounds Inspire Students. MEMORIAM: Art Blick, VE3AHU

AUG HAMS: Ham Call for Back-up. STORM SEASON: Weather Spotters, Preparing for the Worst. New Hurricane Resource. LOW POWER FM: Freeze, Congress Actions.

SEP HAMS: FCC Set to Remove Code Requirement; Radio Friendly BPL? SPACE: Cellphones on Planes? New Telescope in the Works; New Signals in Near Space

OCT FCC: The Switch to Digital TV, Appealing to the FCC, Rebanding, Broadband Policy. SCANNING: New Florida Law, Gene Hughes Retires Police Call

NOV no column

DEC no column

COMPUTERS & RADIO

JAN DeLorme's Earthmate GPS

FEB Spectrum Capture using the RFSpace SDR-14 receiver

MAR Spectrum Lab's PC Based Electronic Construction

APR Wireless PC Lock / Soundbug

MAY Old DOS Radio Programs – Still Useful? (DX-AID, EasyDX, LogMaster, Shortwave DX-Log, SWL Logger, QSO Logging Facility, Terminat)

JUN The SDR-1000 with an "Approved" Sound Card

JUL Vintage Radio Software, Part Deux (DX Comm, Data-Comm, Communications Manager, SOS TNC, PC Pakratt)

AUG RxPlus - Just What the Doctor Ordered

SEP ScopeStation - An All-in-One RX-320 Program

OCT Free PC Electronic Test Instruments

NOV More Updates of Radio Software (Spectrum Lab, RxPlus, Shortwave Log, RadioMax, MixW, HamScope; software for RF Space SDR-14 and Flex Radio SDR-1000)

DEC Radio to the Max (RadioMax 5.22)

DIGITAL DIGEST

JAN Synoptically Speaking - weather codes, Synop stations, decoder software

FEB Digital Intruder Watch; Rohde & Schwarz Profile; Brazilian Navy and Army Update

MAR Counting Your CARBs (channel availability radio bulletin); Maritime Bands

APR Voice Frequency Telegraphy; Measuring VFTs and the Importance of the Pilot; Medecins Sans Frontieres Update

MAY The Versatile Frequency Manager

JUN More on Frequency Manager; French Navy Markers

JUL Voice Frequency Telegraphy Reprise; Spanish Police Back on HF; French Diplo Activity

AUG ALE Refresher

SEP NAVTEX: Information at Sea

OCT Bye Bye RTTY: Navy Markers Go High-Speed, French and Italian Navy Markers, Israeli Navy Converts Too, Propagation Markers; Easy ALE Catches

NOV HF DataLink; Kiel Radio; Mystery FSK signals

DEC Morse Utility Signals (propagation beacons and military markers); MMTY and NAVTEX correction

THE FED FILES (odd months)

JAN New Year for Fed Comms; Border Patrol update, San Diego Co CA. Updates: Transportation Security Agency, Federal Protective Service, Bureau of Alcohol Tobacco Firearms, Justice Dept

MAR What's Up with Low Band?; Listening in to USGS; US Marshals & Planet Airways; New WHCA comms vehicle; New US Coast Guard freqs

MAY Flying High with Federal Communications; Coast Guard Aviation; Customs Air Operations; Checking in with the FAA

JUL "Noteworthy" Fed Files. Florida Road Trip; TSA Correction; Federal Trunking Continues; BORTAC Anyone?; Chicago Trip; Veterans Affairs Medical Centers; More About Roadrunner; FPS Trunked System; Postal Inspectors; Operation Falcon; MT Bulletin Board

SEP Monitoring the FBI - or Trying To; NASA Update; Searching NY City

NOV The Straight Dope on the DEA. VA Medical Centers Revisited. APHIS - What's That?

FIRST LOOK

JAN Three Software Radios (FlexRadio, RFSpace, Icom)

FEB The Uniden SC230 NASCAR scanner
 MAR Wavecom W51LAN digital signal decoder
 APR Sangean/RadioLabs Super-909
 MAY The Icom IC-746PRO as a Communications Receiver
 JUN Radio Shack Pro-2096
 JUL Uniden Raises the Bar Again - BCD396T
 AUG WinRADIO's External G303e
 SEP Radio Shack's Pro-97 - Decent Performance at a Decent Price
 OCT SI-TEC NAV-FAX 200 Communications Receiver
 NOV A Radio Revolution - Eton E1XM
 DEC Uniden BR-330T

THE GADGET GUY

APR The Kestrel 4000 Weather Station (final column)

GLOBAL FORUM

JAN Israel Gone? Belgium Going
 FEB Shortwave, the Medium for World Music
 MAR The Tsunami and SW Broadcasting
 APR Get Out and Visit Your Shortwave Stations
 MAY Dr Eugene Scott, R.I.P.
 JUN Co-ordinate or Get Covered!
 JUL Indonesia: Opportunities Lost
 AUG Plans for New Progressive SW Station; ITU Monitoring Reports
 SEP Trends in Tropical Band Broadcasting: Introducing Shortwavemusic
 OCT Radio/TV War with Venezuela?
 NOV Katrina Prompts New SW Relay; SW sound libraries online
 DEC New and Reacted SW Stations; Radio station email address list; Hann Hardonk's DX Page in English

LETTERS

JAN Change and growth; Radio stuff online; Scantenna takes a lickin'; Scanning laws; Reception on Amtrak; Chart attribution
 FEB Thanks for your input; Milcom Responsibility; BPL in Cottonwood; Welcome Jim Clarke
 MAR Resources for Used Receivers; Thanks for the Memories; Then vs Now
 APR Preserve Analog SW Broadcasting (guest editorial by A.A.Al-Amin)
 MAY Mystery Antenna (solved?); Two Views on DRM; Unauthorized Utilities in Ham Bands; Kaito WRx911
 JUN Trains and Transportation column; In Sympathy; Ken Windyka letter to newsgroup; FM Atlas correction; Listening Post idea
 JUL Mystery Antenna; Super Shuttle List; Thanks, But (why'd you cut the selected programming?)

AUG Embedded Technicians: A New Approach to Emergency Comms (guest editorial)
 SEP Don't Forget Ten-Tec; Reader Raves; EDACS and Motorola Type II Update
 OCT MT Internet Excellence Award; Embedded Ham Operators; BCD396T and Milcom; Rebanding
 NOV Editorial: The Communications Blame Game
 DEC Survivor or Victim? (be prepared); Dazylabs URL; resources for Mexican DXing; Closing "Ideas"

MILCOM

JAN Denver Area Base Upgrades Radios (Buckley AFB Trunk System); Robins AFB TRS new freqs; Bradley Going Digital; Rhode Is ANG Profile; 104th Fighter Wing Presets; Various freq changes; Where to look for Mil Activity
 FEB DoD Publications/Charts; Milair Band Realignment Continues -- Splinter frequency Sampler
 MAR Monitoring Military Flight Demonstration Groups - 2005 Air Show Guide
 APR Code Names Uncovered; NORAD Combat Air Patrols; VMFA-312 Squadron Common; Raptors on the Air; VAW-78 Decommissioning; Military News Shorts
 MAY Aero Monitoring on the Space Coast; 380-400 MHz DoD LMR Trunk Update
 JUN Most Frequently Asked Question - Answered (how to listen to military air comms). Atlanta ARTCC Frequencies
 JUL Monitoring Fort Jackson TRS; Los Angeles 380-399.9 TRS; Dover AFB on 380-399.9 MHz; 380-399.9 MHz Navy Ship TRS; MacDill Airfest 2005; Thunder in the Valley; New England Milcom Update; Frequency Changes; Memphis ARTCC
 AUG Monitoring Hurricane Communications: a bit of history, aircraft, where to listen. Jacksonville ARTCC, Miami ARTCC
 SEP Nationwide Freqs - Real and Bogus; Coast Guard Auxiliary; Northeast US Base Update; Wash DC ARTCC; New York ARTCC
 OCT Air Force MARS Shift; Frequency Potpourri; Eglin/Tyndall AFB Freqs; Army Air Fields AAF; FAA ARTCC List (Boston, Cleveland, Indianapolis)
 NOV Monitoring the Army Ranger Training. FAA ARTCC list (Ft Worth and Houston TX)
 DEC 50 Years of Tracking Santa (NORAD); SE Milcom Freqs; FAA ARTCC List (Chicago and Minneapolis)

MT REVIEW

FEB SWL IR Remote control / LF Engineering H-900 Gainprobe active antenna
 MAR A Poor Man's Ideal Portable-Degen DE1103; Optoelectronics X Sweeper; WinRadio AX-37 UHF Beam
 APR Tivoli "Model Satellite" Sirius Table Radio / Small Space FM Reception Solutions: Terk's Artful Indoor Antennas
 MAY AVCOM PSA-37XP Spectrum Analyzer
 JUN Nitellogger II; Zap Checker 270; The Versatile Eton E10
 JUL AOR SR2000 FFT Frequency Monitor
 AUG Eton/Grundig G4000A
 SEP The Kaito KA105 - A poor man's pocket digital
 OCT Eton FR-300: It's Not Just for Emergencies!
 NOV Mastech Ms8209 Universal Multimeter; Zap Checker 185
 DEC Tune In International Radio Broadcasts with a Small Dish (Globecast World TV satellite system)

ON THE BENCH

JAN Build These Timely Additions to your Listening Post (clock projects)
 FEB A Builder's Primer (kits)
 APR 440 and More for Very Few Pennings (antenna construction)
 MAY "Bugs" 2 "Boards" (homebrew ultraviolet box for burning circuit boards)
 JUN Those Strange Motorola Type II and Ericsson EDACS Talkgroups
 JUL Simple Voltage Regulator Circuits
 AUG Toss the Cheap Earphone! Packing More Punch in Public Service (fanny battery pack)
 SEP "The Warbler" - PSK31 on a Budget
 OCT A Better AM Antenna for Your Handheld
 NOV Electronic Kit Building a Lost Art? Not Any More! (Ten-Tec 1254 kit)
 DEC Start Your Irons! (Ten-Tec 1254 kit, conclusion)

ON THE HAM BANDS

JAN Applying Your Monitoring Skills: Prepare, Listen, Tune, Propagation
 FEB Some Great Used HF Transceivers
 MAR Brainstorms and Daydreams (combining new digital tech and remote control)
 APR Ham Software Free for the Asking: W6ELProp; MorseCat; Ham Graphics; DigiPAN
 MAY Waking the Dead, Unruding the Rude
 JUN Shaking up the Ham Shack: The PC, The Wires, Power, Finishing Touches
 JUL Hamming it up on the Weekends

AUG Dead Repeaters a Live Issue (reader response)
 SEP Back to School Reading: ARRL Repeater Directory, TravelPlus for Repeaters CD, QST View CD
 OCT Low Bands and Loose Ends: Lo Band DX; Parts (Mouser); Crystal Kit (XSS Little Wonder); Drop the Code to Save the Code
 NOV Annual Holiday Wish List: Gift of Ham Radio; Christmas in a Kit; Getting on the MAKE:
 DEC Scanning for Hams

OUTER LIMITS

JAN Swiss Leave Shortwave to Pirate; Voice of Ethiopian Salvation address
 FEB Pirate TV Advocacy in Calif; Radio Insurgente; Peace Radio Web Site; Old Pirate Confesses; Al Qaeda; Maldives Address; Pancho's QSL Page
 MAR WSQT X-Band Pirate in DC; 4065-4070 kHz; New Star Web Site?; Shoech's Clandestine Survey; Winter SWL Fest
 APR The Crystal Ship Returns; KBFR and KNOZ Silenced; Radio Insurgent Mystery
 MAY FM Pirate Busts Continue; Why 6925 kHz? Eritrea Quasi-Clandestine Address
 JUN The Future of Radio blog. Radio Gerbil vs. Radio Azteca. SW Radio Africa. Switzerland in Sound. WHBH Returns?
 JUL Taliban Radio Resurrected; Derby Radio Shortwave; Another Zimbabwe Clandestine; Sudan Clandestine; The Corsair Transmitter; Australian Pirate Logged
 AUG Holidays Spark Pirate Activity; Still no Insurgente Logs; Rare WMPR QSL; Denver TV Covers Numbers
 SEP Florida Law Criminalizes Pirates; Radio Free Brattleboro Raided; Corsair Transmitter Again; Radio Hoa-Mai; WTOU
 OCT Osama Bin Laden on Clandestine Internet TV; Pancho Villa in mp3; Radio Alpha Lima Links; BPL; More FM Busts
 NOV Free Radio Network Redesigns Pirate Radio Web; Human Rights Radio Reactivates; WBCQ Special Mobile Broadcasts
 DEC ACE Ceases Publication; Radio Free America?; Schoech's QSL Page; Orion Radio; Correction and Update

PROGRAMMING SPOTLIGHT

JAN Here's to New Beginnings. New Year Themes; Radio Sweden Anew; RNMUSIC.NL "Live! Online". **Non-English Services to N America**
 FEB What is it about France? where is RFI; End of "BBC On Air"; SWL Winterfest. **Sundays Without Football**

MAR Challenging Conventional Wisdom (SW and tsunami); China Radio Intl; Radio Vlaanderen
 APR The Spring-Summer Catalog (A05) - Part 1
 MAY The Spring-Summer Catalog (A05) - Part 2
 JUN The Shrinking BBC and VOA
 JUL Is Podcasting the Answer?
 AUG Odds and Ends (programming update, my favorite program, swprograms email list); and RNZI
 SEP Digital Shortwave Makes Its Move; RTI Revises Program Line-up; A New DX Country?
 OCT Award Winning Radio; Sirius vs XM; Podcasting Update
 NOV The Pursuit of Information. This Month's Catch. The Passing Parade. BBC's Czech Service at Risk; BBC WS launches DRM Europe; Anti-BBC Sentiments
 DEC How to Hear the BBCWS in North America

QSL REPORT

JAN QSL Scanning101
 FEB Postal Alternatives
 MAR QSLing the Spas?(Czech)
 APR Period Reporting
 MAY A closer look at prepared QSL cards
 JUN Most Wanted QSL List
 JUL July Scorchers
 SEP September -- Time to DX!
 OCT October's Holiday DXing
 NOV AM QSL Tips
 DEC December DXing

RADIO RESTORATIONS

JAN NC-57 Electronic Restoration Completed
 FEB The NC-57 Returns to Life
 MAR The NC-57 - Some Unexpected Glitches
 APR Wrapping Up the NC-57 Project; Next project, signal tracers
 MAY Digging into the Signal Tracers
 JUN Putting a Signal Tracer Through its Paces
 JUL Hammarlund Medium-Priced Receivers
 AUG Decisions, Decisions, Decisions! A Couple of Reader Finds
 SEP Radio Role Reversal; From the Mailbag; Survey Comments
 OCT How Many Volts to Light a Tube?
 NOV The First Broadcast Receivers
 DEC The HQ-120: Picking Up Where We Left Off; Monthly AM Night

SCANNING REPORT

JAN Scanning in 2005; A Future for Scanning? Bristol TN; West Chester PA; Chester Co PA; Cumberland Co PA; Macomb Co MI; Scanner Holders
 FEB Scanning San Bernardino and Beyond. Darien CT; EDACS LCN Ordering; Upland CA; San Bernardino Co CA; Terre Haute IN; Harford Co MD; PRO-96 Upgrade

MAR Making a Good Scanner Match (trunked scanner comparison chart); Downriver Mutual Aid, Detroit MI; New Uniden Scanner; Bristol TN update; Cambridge MD; Allegan Co MI
 APR Understanding Trunking (using Petoskey, MI, to illustrate)
 MAY Scanning Florida and Tennessee: Broward Co FL; Ft Lauderdale FL; Brevity Codes; Bearcat BCT-8; Memphis TN; Personal 2-way Communications; Dayton Hamvention
 JUN California Scanning (Davis, U of Ca at Davis, Sacramento, Sacramento Co.), Michigan Scanner Permit, New Scanners
 JUL Clueless in Wichita Falls TX; West Virginia, Parkersburg; Aurora CO
 AUG Radio Interoperability. Statewide systems: Nebraska, Kansas, Montana. FCC Paperwork (Delaware Co, IN). Antennas for Digital Reception. Uniden Scanner Upgrades. New Uniden Scanner.
 SEP One Size Doesn't Fit all: Luzerne Co, PA; Washtenaw Co, MI
 OCT Florida Restricts Scanner Use; Ocean County NJ; Selecting a Scanner; BC246T Firmware Update
 NOV Plain Speaking about Ten Codes (FEMA pushes plain language); Umatilla County OR; Peoria IL; Saskatoon, Saskatchewan CAN
 DEC Stretching the Communications Dollar - Detroit MI; Grand Forks NE; Prowers Co CO; Charles Co MD; New York update; Scanners and GPS; Scanner Knob Tip

UTILITY WORLD

JAN NY Volmet returns to Air; Canadian Sub Fire; US Coast Guard ALE
 FEB HD2IOA: Time from Ecuador; More Cuban Numbers Changes; New Google Radio Resource
 MAR New US Coast Guard Freqs; Tsunami Freqs; Is WWV's Voice Dead?
 APR US 2182 kHz Watch Continues; More US Coast Guard; Weird Russian Telemetry
 MAY Hear the Space Shuttle Return to Flight
 JUN Oddities: Is Short Wave Haunted? (squeaky wheel, race car, Yosemite Sam), Commercial Morse lives
 JUL Message Parsing: Finding the Information; NY VOLMET Again; Space Shuttle Audio Again
 AUG Latest US Coast Guard Changes; US Military on 10 meters?
 SEP Mailbag: Answering Readers' Questions
 OCT E22: Spooky "Numbers"; Coast Guard ALE
 NOV Katrina Blasts US Communications; COTHEN

DEC Digital Modes Come of Age: ALE,
DSC, STANAG 4286; Katrina
Update

WHAT'S NEW

Books, CDs

2006 QSL calendar	Nov
2005 Tower Site calendar	Jan
2006 Tower Site calendar	Nov
ARRL Amateur Radio on the Move	Nov
ARRL Handbook 2005	Feb
ARRL DXCC List	Apr
ARRL Periodicals on CD	Apr
ARRL Repeater Directory	Jun
Atlanta Frequency Directory	Aug
Australasian Shortwave Guide	May
Domestic Broadcasting Survey	Jul
Grove Radio/TV Broadcast Dir.	Feb
Ham Radio for Dummies	Jun
IRCA DXer's Technical Guide	Nov
IRCA Mexican Log	Dec
IRCA TIS/HAR List	Feb
Klingenfuss SW Freq Guide	Mar
Monitoring Times 2004 Anthology	Jan
NRC AM Radio Log	Feb
NRC AM Radio Log	Nov
ON4UN's Low Band DXing	Jul
Passport 2005	Jan
Sony 2010 Commemorative CD	Sep
S California Frequency Guide	May
S Florida Frequency and Trunking Guide	May
Sports Radio Play by Play Dir.	Jan
The Ham Band "Seek You" CD	Sep
Tourist Trains	Jun
Two-Way Radios and Scanners for Dummies	Dec
World Radio TV Handbook	Mar
WTFDA TV Station Guide	Aug
WUN Utility Guide Vol 3	Feb

Business news, Software

EZ-PSK	May
WUN 10th anniversary CD	Jan

Equipment

Alinco DJ-X7T pocket receiver	Oct
Alinco DR-635T Transceiver	Sep
AOR DA5000, DS3000A Discones	Mar
Babble audio voice-scrambler	Sep
Boom Bags audio luggage	Apr
Coding Technologies USB DRM rx	Feb
DX Engineering reversible Beverage & lightning protectors	Apr
Eton G4000A portable	Jun
Eton Porsche Satellite Radio	Mar
Fan-Link Intercom System/ noise-canceling headsets	Feb
Icom R75	Oct
Icom IC-756Pro III	Mar
K1CRA portable antenna rotor	Jun
KATAS AIS Receiver 1	Oct
Kinetic Avionics SBS-1	Oct
MFJ End-Fed Zepp Antennas	Dec
MFJ window/balcony antenna	Sep
MFJ ceramic strain insulators	Jan
Nightlogger II tape recorder control	Mar
Ten-Tec Acro-Bat antenna hanger	Apr
Uniden Bearcat BC-396T	Mar
Uniden BCD996T	Dec
Uniden NASCAR BR330T	Jul

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Lithuania Radio	SEP
SW Century Weekend	SEP
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UN Peacekeeping Stations	NOV
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WWCR - 15 Years on the Air	MAR

Nostalgia/Human Interest

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Scanning Oklahoma	JUN
"Signal Stalking" at the Ballpark	JUL
Two-Tone Fire Tones	AUG

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MT Satellite Review 2006	AUG
Propagation, Space Wx, and You	SEP
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Propagation Outlook: Oct-Mar	OCT

Utility

Hams with a Mission	MAY
Just do it! (Take the test)	MAY
To Catch a Spy	OCT
Working the World on VHF/UHF	MAY

AMERICAN BANDSCAN (even months)

FEB	State-by-State: Pacific Northwest; TV Powers; Canadian AM news; IBOC news; FCC broadcast station totals; really long DX
APR	State-by-State: Midwest; Lexington NB museum; NRC <i>AM Station Pattern Book</i> ; URBONO QSLs; HD radios; Wash DC programming change; Fighting a format change
JUN	State-by-State: Upper Midwest. Canada's last daytimer no dead yet? Two new ethnic Montreal AM stns; Montreal stn on 940;

AUG	HD Radio updatew; DXing with a homemade radio; E-QSLing State-by-State: Great Lakes. IBOC news; EAS false alarm; pirate hijack; X-band activity; Sorrenson obit
OCT	Alaska, Hawaii, and Beyond. IBOC news; RM translators & AM stations; More LPFMs?; More Exotic Pacific DX; Old Radio in the Gem State
DEC	Digital Deacle? More on IBOC; New stations and stations going away; 750 kilowatts? DX!

ANTENNA TOPICS

JAN	Factors Useful in Antenna Selection
FEB	Antenna Farm in a Suitcase: (Antenna modeling, part 1)
MAR	(Antenna modeling, part 2); <i>The Easy Way: HF Antenna Systems</i> useful antenna book
APR	The Life and Times of a Radio Signal
MAY	Building or Buying Your Antennas: Part 1
JUN	Building or Buying Your Antennas: Part 2
JUL	Yagi-Uda Beams for HF, VHF or UHF
AUG	Antenna Wisdom from a Classic ("Radio Antenna Engineering")
SEP	Catching That Elusive Signal: Can't catch what's not there; your antenna catches noise too; look toward the signal to catch it; polarity; placement; A Good All-around Antenna (long wire)
OCT	Emergency Communication Antenna Readiness: Antennas above HF (let's build one); at HF or MF (let's build another antenna)
NOV	Real Grounds, Radio Grounds, and Artificial Grounds
DEC	Some Useful Antennas for Your Handheld

ASK BOB

JAN	How to get started in ham radio; 463 MHz use; mobile FM broadcasting legal?; DSP status
FEB	Digital phone correction; problem w/magnetic base scanner antenna; antenna problems for 6 meters; recommended antenna for HF with ATS 909 portable
MAR	TV set interferes w/SW; wiring interferes w/SW; using one antenna for two SW receivers; can PAR antenna transmit?; What is a Zepp antenna? Will new technologies kill AM/FM?
APR	One antenna for 2 radios; advantages of coax; need all elements of discone? metal mast effects on nondirectional antenna; BC ID regulations; agencies liable for personal info

	over air? protecting radio from overload w/external ant.;
	mounting multiple ants on same mast
MAY	Direction-finding Radio Republica, What's DSP? Old vs new scanner, Electrocution cause shock? Voice IF on sat TV; digital TV converters
JUN	Apartment antenna; scanner overload; MURS; signal stalker range; sat radio on R3? Car radio static; built-in antenna hook-ups in new house
JUL	Satellites freqs?; Discone vs Beam; how to improve marine-band antenna; how to check for listening devices; how to feed two scanners w/one antenna; is lightning arrestor necessary?
AUG	Antenna mounted thru tree; RG-6/U okay for SW too?; outdoor ant vs indoor amplified ant; more on checking for listening devices; ANC-4 noise canceller trouble-shooting; identifying purpose of new ant towers; attaching ant directly to radio w/out coax; re unscrambling local agency comms
SEP	Signal loss using 2 scanners on 1 antenna; tree contact cause sig loss? How far do various freqs travel? Fixing non-responsive key. WR303e good beginner scanner? Explain USB/LSB.
OCT	What freqs do satellite radio use? Blocking interfering station; combining multiple SW antennas; baluns, preselectors, and tuners; finding RFID chips; Slinky vs conventional single-wire antenna; TAC still active on SW? can soldiers in lock-step break a bridge? do 2-meter transceivers outperform 70cm?
NOV	Stacking Scanner Beams; future of SW radio; how to measure audio tone on oscilloscope; what is RG6-U coax good for?; Can I hear NASA/KSC trunk system?; Can I run coax alongside sat TV coax? Are spectrum displays in wideband receivers real time so you get instant display?
DEC	Selling a cellular-capable scanner; power supply for old radio; descramblers illegal? jammers illegal? Is CB dead? sensitivity reduced in SW rx? wide-band scanner vs communications rx; acitve vs passive multicoupler

BELOW 500 kHz

JAN	New Tricks in '06: Tips and Resources; What I Use; A/N Range systems
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FEB Prime Time - focus on Caribbean and S Am stations; LowFER listing

MAR Tune into Natural Radio

APR Buttoning Up the BBB-4

MAY Your Logs & Letters - SAQ (17.2 kHz), 454 kHz mystery solved, Logs from Alaska

JUN (repeat of May column)

JUL Summer Fun on LW; Mailbag

AUG Low Band News and Notes: maritime navaid changes; AZ loggings; lightning web site; NDBs endangered? German experimental work on 440 kHz; VA loggings

SEP DXing on the High Seas; SAQ Transmissions, 500 kHz Progress, SC Logs

OCT Season Opener: Antenna Once-Over, Receiver Checks, Publications, Online Resources; Cape Cod loggings

NOV Details, Details (data that can help your loggings); FAA calls; FAA V-shaped antennas; finding a beacon on your AM radio; hams apply to experiment near 500kHz; DXer's tense moment

DEC Successful Misco 2006 DXpedition; ARRL 500 kHz experiment; 10 meter beacons

BOATS, PLANES, and TRAINS

JAN BOATS: Old and New on the Marine Bands; West Coast Canada Info; Automatic Information System; Digital Selective Calling; Great Lakes end of season

FEB PLANES: Nav aids - non-directional beacons, VOR, ILS, GPS

MAR TRAINS: Railroad Radio's Golden Years? A round robin; new website for railscanners.

APR BOATS: Gales, Groundhogs and Great DX; Marine Morse; VHF Freqs; Amateur radio; Lighthouse correction; HF Marine; Shack upgrade

MAY PLANES: Tracking Domestic Airliners (using FlightAware.com)

JUN TRAINS: Understanding Railroad Radio Transmissions

JUL BOATS: DX, Disasters, and Duty. Scanning Tips; HF DX; Emergency Duty; Equipment Changes; Useful Frequencies

AUG PLANES: Aeronautical HF (VOLMET, MWARA, LDOC)

SEP TRAINS: Understanding RR Radio Transmissions

OCT BOATS: Ships, Signals and Submissions. *DC Everest, Point Vigour, Trieste*; Amateur radio nets and contacts; NY Harbour freqs, McAlpine Dam KY freqs; Marine Radio Historical Society

NOV PLANES: Base Station Aircraft Listening Antennas

DEC TRAINS: Railroads and Geography; Narrowbanding; NC-DC Scanner Setup

COMMUNICATIONS

JAN AMATEUR: Straight Key Night. AVIATION: Restricted Air Space; Radar Malfunction? 390 MHz IF in Canada. BROADCASTING: Hard Date for DTV; Low Power AM proposal; no on-air IDs for football comms; Court upholds sentence for "prankster"; Interoperability problems are people not equipment

FEB BROADCASTING: Ham broadcast station; weather and emergency stations; Va DOT considers higher powered station; Emergency Alert System reevaluated; hard date for HDTV; High Definition radio. SCANNING: New P25 system at BWI; Motorola Blocks RadioReference. Obit: ARRL Staff member Bob Schetgen

MAR BROADCASTING: 75 Years of HCJB; airborne BC to Cuba; Cuban spies use numbers broadcasts; Is it a cellphone or radio?; Stern on pirate radio; TV calls for help. SPECTRUM ISSUES: Nextel swap may stall; other spectrum swaps; Airfone freqs to be auctioned. Obits: Radio Moscow's Joe Adamov, DXer Bjorn Malm.

APR FCC: Expanded Band, Cable a la Carte, Budget Increase, Ramsey Electronics Fined. BROADCASTING: Digital Radio in Europe, Cuts for PBC and VOA, World's Tallest TV Tower. MISC: Western Union Stops Telegram Svc, Stealth Satellite, Low Freqs for Mine Safety, On-Scene Interoperability

MAY AMATEUR RADIO: Dayton Hamvention Awards, Hams "Part of Solution", MS Adopts PRB-1 Statute, NC Next?, How NOT to Deal with Interference, Laws Amended

JUN WUN R.I.P.; Cellphones' Danger to Aviation no Myth; Trouble with Towers; A Matter of Time

JUL STORMS: Hurricane preparedness, ham emergency courses, storm watchers, National SOS network. NEWS BITES: Vint Hill Farms closing; Congress looks at Telecom rewrite; Night of Nights

AUG AMATEUR RADIO: Fatal accidents, volunteers for research, Manassas BPL, Mass hamsat launch, Moon Pie launch. BROADCASTING: Record BC, DRM 26 MHz service, DRM possibilities, Icelandic AFR signs off, SW in Latvia, NOAA studio tour. FCC: Media ownership rules, SBCA takes on OTARD, Sat Radio Hijackings, Seeking comments, Satellite report, Air-ground auction concludes. MISC:

Aging deep space antennas, GOES-N launched

SEP Predicting Space Weather, Navigating Galileo, GPS Scramble, Who's Who in Space, Ultimate DX

OCT Intruders Spotted in Several Amateur Radio HF Bands; National Emergency Communications Upgrade; Florida Going It Alone; Global Ham Radio Emergency Conference; Amateur Radio on Fed's Radar?

NOV Iqbal Arrest raises First Amendment questions; Hezbollah Eavesdrops on Israeli Comms; Pirate Goes Legit; HAMS: FCC Affirms BPL Rules; Hams Experiment w/Marine Band; Space Adventuress

DEC Duplicating Marconi; FCC Passes Omnibus Ruling; Planespotter and SBS-1; 800 MHz Rebanding Freeze?; WW SWL Contest

COMPUTERS & RADIO

JAN Using Band Master with your Icom Receiver

FEB Words in Time: RecAll-Pro & ClocX

MAR SysLabs' RadioControl and FTP Navigator

APR Syslabs RadioControl, part 2; 45 million mile DX

MAY YPlog Radio Control and \$20 Memory Device (USB 2.0 Slim External Enclosure)

JUN In the Air and On the Air; Free ACARS Decoder & More

JUL The ICOM OKA Free Controller

AUG Spyware: Get Rid of It for Free

SEP HF ACARS with PC-HFDL

OCT Log Analyser: An ACARS Must-Have

NOV DX Monitor

DEC Goodbye Win 98 - Hello XP

DIGITAL DIGEST

JAN Digital Utility software Mac computers (Black Cat Systems MultiMode)

FEB All at Sea - GMDSS and Digital Selective Calling; Automatic Identification System; Ecuadorian Navy

MAR XNet Yachting.Email and Aeronautical Selcals.

APR Armada de Argentina; Mystery SITOP-B Station

MAY Algerian Digital Profile (MFA and embassies, Customs and Border Patrol, military agencies, oil and gas fields), Swiss Air Force and Navy systems

JUN Egyptian Digital Review; More XNet Mail; ALE-based State Emergency Nets; Antenna Update

JUL HF Digital Users from France. Welcome, UDXF; French Diplomatic Service; French Navy,

French Air Force, French Army; A Word about IRC
 AUG Digital Country Profile: Denmark (Air Force, Army, Navy, Weather, Coast Stations, Diplomatic Service), XSS ALE Mystery Net
 SEP Brazilian Digital HF Users: Navy, Army, Air Force
 OCT Which Decoder? Hardware-based decoders, Software to the Rescue? Final Analysis
 NOV What's That Sound? Identifying Utility Signals
 DEC Current Traffic: Indian Diplomatic Service; STANAG 4285

THE FED FILES (odd months)

JAN 2005 Hurricanes and Federal Comms; FEMA; FAA NARACS VHF; Miami Federal Freqs; Federal Trunking in So Fla
 MAR Mysteries: new TSA Freqs? Fed Nationwide Paging? UHF Band Reorganization? Feds Going Nextel? Pittsburgh Area Trunked System; Freqs from the West Coast
 MAY Federal Fire Frequencies, Federal Protective Service, TSA follow-up
 JUL Search and You Shall Find! FEMA Frequencies; Integrated Networks Coming Soon; Extended VHF Air Band; Fed Freq Updates; Travel Searches (Houston, San Jose, and Las Vegas)
 SEP Shining Some Light on the Dept of Energy (DoE Hanford, Lawrence Livermore, Bettis Atomic Power Lab, Oak Ridge Lab, Bonneville Power Admin, NNSA and NEST, DOE SECOTM
 NOV FAA NARACS Reborn; Federal Trunked Systems in NYC; Pittsburgh Area Scanning

FIRST LOOK

JAN Alinco's DJ-X7T
 FEB A Fresh Look at the TenTec RX-340
 MAR Kinetic Avionics' SBS-1 Virtual Radar
 APR The Eton S350DL
 MAY WinRADIO's G313e HF Receiver
 JUN WinRADIO DRM Decoder Plug-in for G303-313 series
 JUL The Uniden BCD996T
 AUG Eton E5 Portable
 SEP Uniden BCT15 Bear Tracker
 OCT Receiving Side of the Icom IC-7000
 NOV Ramsey Aircraft Monitor
 DEC WinRADIO's G305i Wide Coverage Radio

GETTING STARTED

JAN QSL Mania: The Radio Hobbyist's Obsession
 FEB Deaf PRO-95; DX on the AM Band; A Shortened Beverage; An All-Purpose All-Band HF Antenna
 MAR Slow Scan TV (SSTV)

APR Searching for the Perfect Antenna?
 MAY The Readers Comment - Satellite TV Combo, Getting Started w/SW Radio, Help for Grove Tunerless Antenna, Stateside QSL Depository
 JUN Entry Level Ham Ticket: How easy to we have it?
 JUL Radio Repair: Who Ya Gonna Call?
 AUG Take a Radio Vacation
 SEP Readers' Choice: Buying a SW Radio, Terk's AM Advantage, Repairing Broken Antennas
 OCT Stalking Those Elusive Project Parts
 NOV The Unintentional Philatelist (stamp collecting)
 DEC The Readers Write: 10 Meter Challenge; MPEGII FTA; FM Translators

GLOBAL FORUM

JAN Vox Cristiana strong signal; B-05 schedule online resources; Condig list URL correction
 FEB US SW Stations play "Musical Frequencies"; Upcoming Conferences; historical DX URL
 MAR Radio Republica Becomes a Major Clandestine Broadcaster
 APR Major cuts at VOA; Libyan clannie resumes SW; Online loggings databases
 MAY DRM Forges Ahead
 JUN BBC Cuts More English and Spanish
 JUL Relay Exchanges Between Greece and USA Abruptly Terminate
 AUG Push for DRM on 25 MHz; 12th Nat'l Mexican DX Meeting
 SEP Chinese Invade 20 Meters
 OCT The Clock is Ticking for Radio Japan; Armenia; Uzbekistan
 NOV DX Meeting in Peru; Earthview
 DEC Daylight Savings Time Expands in 2007

LETTERS

JAN Second MT Excellence Award; Corrections; Mt St Helens; Used Equip URL
 FEB Interoperability Issues: New Orleans and Finger-Pointing, Not all APCO Systems created equal. 700 MHz for the Birds
 MAR Antenna experimentation; BBC Guide questions; experiences with repeaters; WOKIE satellite shack and radio station
 APR Two Views on the FCC; Bringing SWLs into the 'New World'
 MAY MT Sparks Memories; Old School versus New School
 JUNE Welcome New Columnist; Space Shuttle Blues; Space-saving Appliance Radio; Reader Recommended Websites; Eton 350DL
 JULY Winner of SBS-1 and runners-up
 AUG Job well done (Figliozzi final column); Radio Fun; Corrections;

Teenage Amateur; Flex Antenna; Wrong conclusion drawn to RF interference to aviation; Air Antics; SBS-1 in Action
 SEP Utility World Blog, Call RadioLabs for Super-909, 996 Review Missing Text, The Digital Effect (WLW), NTIA BPL report, QSL Expert
 OCT "Spooky" October; Radio and TV Museum Thanks MT; Things I Like...; Tip for R20 Owners; New MT Blog; Information Please
 NOV Thanks (Prog Spotlight column); A Capitol Mistake (Niagara Falls); Eton E5 Feedback
 DEC Monitoring Times Celebrates 25 Years; Bonus Pages for MT Readers

MILCOM

JAN New Year, New Frequencies: US Coast Guard move; new 380-400 MHz systems (Ft Benning, Seattle area, Los Angeles area; Ft Meade); Denver and Kansas City ARTCCs
 FEB Land Mobile Radio News: new DoD LMR systems; Navy Region Northwest system; J-NCR Phase II contract; Westover ARB update; Milair Freq updates
 MAR Flight Demonstration Groups: Schedules and Recommended Equipment
 APR "I don't live near a military base.." (N-Cent Fla Logs); Albuquerque ARTCC
 MAY Hurricane Hunting on HF - US Coast Guard HF communications; Salt Lake City ARTCC
 JUN The Military Weather Channel (Pilot to Metro Service)
 JUL Monitoring the Forth Worth Military; NAS/JRB. DoD Frequency Changes; Atlanta Fifth Runway; EAM LF Broadcast
 AUG DoD Trunk Frequencies Discovered; Trunk System at the Point; Westover ARB Update; Keflavik Closed; Seattle/Oakland ARTCCs
 SEP US Military Satellites - An Overview (Super Secret Spy Satellite Programs; American Military Satellite Constellations)
 OCT Monitoring Satellites 101: Easiest sats to hear; West Point Updates; More Milair Freq Changes; HF Civil Air Patrol Freqs; USCG Air-Ground Freqs
 NOV MilSatcom - The Early Days: TACSATCOM, LES-8/9, New CAP Freqs Posted? Search and Rescue, Tyndall AFB Freqs, Major Military Comm Bands
 DEC The Navy MARISAT Satellite System; Air Force SATCOM; Army Aviation Comms; Tri Service MARS HF ALE Net; DoD FLIP foreign pubs removed

MT HELP DESK

JAN	NC VIPER statewide system; digital HF modes; Stark County OH public safety info
FEB	QSLing overseas ute stations; freqs for Arnold Engineering Development Center; Alinco D-X7 vs Icom R5; freqs for Misawa AB, Japan; who will be on 700 MHz band?
MAR	APCO 25: setting the record straight. Series of questions re Uniden BR-330T and BCD-396T scanner operation. Recommended handheld for airshows; How to program EDACS LCN numbers (Hickory NC system)
APR	More on 700 MHz band allocations; Status on "Morse code" proceeding; 1711-1799 band allocations
MAY	EAMs on 11175; Canadian Air Traffic Control and other aero HF
JUN	Trunking for Carroll Co MD; sources for MWARA, Volmet, ute freqs; mobile ant for mil-air; freq round-offs; freq for wireless mouse; mobile unit ID on EDACS
JUL	USAF KAWN fax gone?; Do I need a digital scanner? What does APCO25 encoding sound like? Clarification on Calif. scanning law; Gulf Co Fla system changes
AUG	Where to find local airline frequencies; where to find HF airline company frequencies
SEP	Looking for new scanner; How to ID foreign stations? Who is Fastball? What is Skyking? When are aero comms on HF SSB?
OCT	STANAG "Noise" on HF; Manual and EPROMS for M8000 decoder? Beacon DGPS vs WAAS DGPS; EAMs and tactical callsigns; Help with SIPRnet IDs; Do AFN and VOA relay stations have callsigns?
NOV	Can I scan York Co PA M/A-COM system with BCD296T? Using a Wavecom receiver to monitor Inmarsat; How QSL bureau can find US SWLs to deliver ham QSLs; How to DX DGPS; Future of 380-400 aero band
DEC	Spanish on SATCOM freq? what scanners are affected by rebanding? USB strong signal on 10.050 MHz?

MT REVIEW

JAN	Hot and Cold Radio Appliances; AOR LA380 Active Lop Antenna
FEB	Sangean WR-2 AM/FM/RDS Receiver; FRS or MURS - Hype or Hot Performance?
MAR	Comet CHA-250B Broadband Vertical Antenna
APR	Digital Radio Equipment: Kenwood EZ500 Mobile HD Radio; Winegard 10 Element

	Yagi; Winegard Sharpshooter TV-FM HD Antenna
MAY	Heil Clear Speech Speaker
JUN	SWLing on the Road with Sony's XR-CA660X
JUL	Icom IC-PCR1500 & R1500
AUG	Comparing the PCR1000 to the PCR1500/PCR2500
SEP	MFJ's 932 Mini Loop Tuner: SWL & Ham Antenna Options for Tight Spaces
OCT	Build the Hidden Flex-Tenna for Wide-Frequency-Coverage Receivers; Flex-Tenna Follow-up; 97-cent Hand-held Pouch
NOV	The Tecsun R-919/Grundig Mini 300PE
DEC	MT's Digital TV/Big Screen Buying Guide

ON THE BENCH

JAN	Take Your Scanner Recording to the Next Level - the iRiver H4300 MP3 Recorders
FEB	Scanner Switch for multiple scanners on one speaker
MAR	Build the FlexTenna for Wideband Reception
APR	Digital TV - Truth & Myths
MAY	"Law and Order" on 2 Meters
JUN	Cordless Phones - Buyer Beware
JUL	Modifying the Uniden BC796D Scanner for Discriminator Audio Output
AUG	(no column)
SEP	The Magic of Radio (rediscovering the magic)
OCT	Radio Direction Finding with the Adcock Goniometer Project (continuation of Spy feature) A Compact Adcock Array
NOV	You Have What it Takes to Control Your R8B (using Windows to write a program)
DEC	Antique Telephones: Durable, Cheap & Still Useful!

ON THE HAM BANDS

JAN	Don't Just Sit There, Build Something!
FEB	Political Power; Antenna Antics; EQSL.org; Logbook of the World; DX Bureaus; hands-free hamming
MAR	You can Never Have Too Many Keys
APR	Five New Radio Reads from ARRL
MAY	If this is May, it must be Dayton; Four days in May; Ham radio headsets; What's so special about Special Events?; And May leads into June; 2005 ARRL Periodicals on CD
JUN	Before It's Too Late! (record-keeping and inventory)
JUL	Show Your Stuff (QSLs on display)
AUG	Amateur Radio Synergy: geo-caching; APRS; ATV operation; dual band vs two radios; mobile or handheld?
SEP	The New Tech Test and Learning Linux

OCT	Another TechGuide (ARRL Ham Radio License Manual) and hams at HOPE6 (Hackers on Planet Earth)
NOV	Great Radio in Grubby Times (things to do during sunspot minimum)
DEC	I've Been a VERY Good Boy! (the ideal station)

OUTER LIMITS

JAN	Pirate radio resources; British pirate crackdown; Dutch pirate Alfa Lima Intl
FEB	Pirate Activity Still High; Shoech's QSL List; Black Arrow Radio; West Africa Democracy Radio; Providence Maildrop Closes
MAR	Fla Hams Oppose Anti-Pirate Felony Law.
APR	Howard Stern Hit by Pirate Relays; Radio Insurgente; Oldest Pirate QSL? Airborne Radio Marti; New FRW Editors
MAY	Digital SSTV on Pirate Band - Unusual Pirate Bust, Oldest Pirate QSL?
JUN	(repeat of May in print; pdf has correct column) WRMI and Pirate Cause Interference; Cumbre DX Adds Pirates; Insurgente Mexican Logs; Afghanistan FM Radio Battle
JUL	Pirate Radio Humor for DXers; Radio Insurgente Transmitter? Oldest QSL
AUG	Court Rules Against Brattleboro; Pirate Hijack WBAB? KCBM Op Obit
SEP	Elkhorn Pirate Maildrop Closes; Radio Insurgente Times; Oldest Pirate QSL
OCT	FM Pirate Charges with Homicide in Florida; New Pirate Blog; Oldest Pirate QSL
NOV	FCC Upholds Gibson Fine; Hezbollah TV provider arrested; Laser Hot Hits Busted; FM pirate Britcher fined; Clandestine video; new clandestine podcast; Part 15 legal BCer; Old Pirate QSLs
DEC	Global Crisis Watch; Old Pirate QSLs; Radio Cuba Libre Returns; Jo Walsh a Ham

PROGRAMMING SPOTLIGHT

JAN	Compleat Guide to the BBC in North America
FEB	Multi-platform broadcasts to North America
MAR	Which Station; <i>Which Platform</i> ; Which Time? (more listings)
APR	From Under the Southern Cross - Radio Australia schedules
MAY	The Voice of the Pacific - RNZI (duplicate of May column)
JUN	Compleat Summer Guide to BBC in North America
AUG	Parting Thoughts; Music of the World; A Sirius Issue; What of the Future? My personal favorites
SEP	A Trip to the Balkans

OCT Learning the Language
(language lessons)
NOV Broadcasting from China -
Blurred distinctions (China and
Taiwan)
DEC Special Holiday Programming:
Lead-up to Christmas, Christmas
Eve, Christmas Day, Hanukkah,
Orthodox Christmas and New
Year

QSL REPORT

JAN Electronic QLSing grows
FEB Postal Rate Increase
MAR URBONO Stations QSL
APR New QSLing Opportunities
MAY Logbook of the World
JUN Summertime Tentative Reporting
JUL Scorching QSLing 2006
AUG Follow-Up Reporting
SEP Sept Means Better DX
Conditions
OCT Radio St Helena to return to the
airwaves!
NOV F/D, N/D, P/D
DEC MT's QSL Holiday Special

RADIO RESTORATIONS

JAN More on the HQ-120; Receiver
Evolution - the "Three Dialer"
Era, First Plug-In Sets
FEB HQ120 continuing restoration;
more on receiver evolution
MAR The HQ-120 Comes to Life
APR A.C.-D.C. "Depression Radios"
MAY Restoring a Depression Era
Silvertone
JUN Taking on the 1933 Silvertone
JUL The "Little Fellow" Finds its Voice
AUG More on "Little Fellow"
Restoration
SEP Concluding the Little Fellow
Restorations; Radio for the
Millions
OCT We Take on a Zenith Trans-
Oceanic: The "Universal
Portable" for 1940, The 1942
Universal Portable and Trans-
Oceanic clipper; our B600 Project
Set
NOV Sizing Up Our Trans-Oceanic
(dealing with the mold, front
panel, antennas, inside the
cabinet); From the Readers
DEC Those Monumental Rider's
Manuals: The Perpetual Trouble
Shooters Manual, Useful Rider's
Lore, Roadmaps to Rider's, Other
Sources of Manufacture's Data

SCANNING REPORT

JAN Johnson County IN; Knox County
IN; Computer Interface Scanning;
Florida Scanner Law
FEB Notification Networks; Hampton
VA; Philadelphia PA and Pro-96
MAR Recommended scanners for
listening in Freehold, NJ;
Freehold freqs; Cheboygan
County, MI; Genesee County MI;
Carbon County, PA; Baltimore-
Wash Airport; Cumberland
County, PA

APR Illinois - Franklin Co, STARCOM
21 statewide system; Nevada -
Las Vegas, Hwy Patrol
MAY New digital systems and Reader
Feedback: York Co PA,
Cumberland Co PA, Homer AK;
Freehold Tsp NJ follow-up,
Genesee Co MI follow-up; Civil
Air Patrol freqs sensitive info
JUN Listening Beyond Line of Sight;
Michigan State Police, MI
Emergency Mgt; Oklahoma HP;
Uniden Firmware Update
JUL Tangled Web of Interoperability:
Cape May Co NJ; Peoria Co IL;
Colorado; Federal Report Cards.
Alameda Co CA
AUG Legality, Technology, and
Interoperability. Michigan
Scanner Law, Michigan radios,
Scanner Listener in Texas,
Buchanan County MO, NPSPAC
Interop, VHF and UHF Interop,
Wisconsin, Emergency Radio
Nets (DCERN & National SOS)
SEP Scanning as a Group Effort;
Southeast Texas; Programming
Scanners; Birds of a Feather
(yahoo groups); Coordinated
Discovery (internet); Washington
County, MD
OCT Halloween Trick and Treat:
Florida Statwide Law
Enforcement Radio System
(SLERS) operational; NATSAR
Frequency; EMWIN weather
frequencies; Easier to read
Scanner Manuals
NOV And Three Chose MA/COM:
New York (State, Chautauqua Co,
Westchester Co), Oakland
County MI (3rd state is PA not
covered here); Radio Shack
PRO-96 Upgrade
DEC Mixed Bag from Readers -
Lebanon County PA; Dearborn
Hts MI; McMinnville OR; Studio
Transmitter Links; Somerset Co
MD

UTILITY WORLD

JAN Roma Radio discontinues Morse
service; Israeli Navy dropping
Morse; NATO converting to
digital; Russian Beacon changes
FEB CBV Playa Ancha Radio, Chile;
DX Toolbox; New archive for US
Inland Marine Radio
MAR Cuban "Numbers": A Pattern
Emerges. More on CBV, Playa
Ancha Radio
APR E22 Revealed as All India Radio;
Cuba Again; HF DL Frequency
Updating
MAY Nazi Messages Decoded;
Teleprinting in Chinese
JUN Radio Z-Signals; WUN gone
JUL A Hobby in Transition: WUN is
Dead, Long Live UDXF; Where's
This Hobby Going? Call for Utility
Logs
AUG Will the Internet Replace
Utilities? Numbers by Internet

Phone?! Will HF DL Go
Encrypted? Navtex DX Record?
SEP DXing Differential GPS Beacons
OCT The Spooks of October: Num-
bers and the News (Cuba, Israel)
NOV Telephone "Numbers" Mystery
Solved!
DEC Updated Cuban Numbers
Schedule; More on Differential
GPS

WHAT'S NEW

Books, CDs

ARRL ARES Field Manual	Feb
ARRL Basic Radio	Feb
ARRL DXCC List	Jul
ARRL Emergency Power for Radio Communications	May
ARRL More QRP Power	Jul
ARRL Radio Amateur's Handbook	Jan
ARRL Repeater Directory	Jul
Crystal Clear	Dec
Discover DXing!	Apr
Domestic Broadcast Survey 8	Aug
FM Atlas	Feb
Getting Started w/Ham Radio	Dec
Klingenfuss SW References	Mar
Monitoring Monthly	Apr
NRC AM Radio Log	Nov
NRC Antenna Pattern Book	May
Passport 2006	Jan
Pocket Idiot's Guide to Sat Radio	Dec
QSL-Card Calendar for 2007	Oct
Radiouser	Apr
Radio Sound Effects	Jun
Six Meters - The Magic Band	Jan
SW Station Identifications CD	Nov
Tower Site 207 Calendar	Nov
World Radio TV Handbook 2006	Mar

Business news, Software

AM broadcast map	Sep
Audio: The Movie	Sep
Ham radiocast podcast	Jun
Tempting (but illegal) Products	Oct

Equipment

Anderson Genderless Connectors	Jun
AOR AR-Alpha Comm Receiver	Sep
Grove FlexTenna	Mar
DD-103 Universal Digital Dial	Oct
EFM coaxial lightning protector	Apr
Elecraft KXB3080 option for KX1	May
Ice Zapper sat dish heater	Feb
Icom IC-PCR1500 coming	Mar
Icom IC-PCR2500	Jul
MFJ 6-Band Rotatable Mini-Dipole	Aug
MFJ DC-500 MHz Dummy Load	Oct
MFJ Solar-Powered Atomic Clock	Dec
Morse Express Christmas Key	Nov
Palm Radio remote keyer	Sep
Uniden BCT15 scanner	Apr
WinRadio Marine Receiver	Apr
WinRadio VHF/UHF Scanner	Aug
Wrist Crystal Set Kit	Dec

Monitoring Times 2007 Index

FEATURES (in monthly order by topic)

Broadcast

Domestic SW BC in Russia JAN
DXing from Bermuda FEB
193rd Strategic Ops Wing MAR
Radio Tourist in Guyana AUG
WRNO Worldwide SW Radio AUG
MW DXpedition to Easter Island SEP
Shortwave Roundup: Progs on HF SEP
Bizarre World of Pirate Radio OCT
Clandestine Radio NOV
Radio Voice of the People NOV

Nostalgia/Human Interest

A Visit w/Larry Van Horn JAN
Radioslayton & Radio Slang JAN
Aviation Radio in Labrador FEB
A Life in Radio - Clem Small MAR
Winter SWL Festival 20 yrs MAR
Future of Radio - Helms interview APR
FM Radio in 1950s JUN
Interview - Irwin Gonshak JUN
Radio on the Road JUN
VOA's Dixon Relay Station JUN
Comms with Amelia Earhart JUL
Happy Birthday, Sputnik! OCT
A Unique Radio Friendship (TI4NRH and Zenith) DEC
Crosley Radio DEC
Travelogue: An Irish Museum DEC

Scanning/VHF/UHF:

Scanning Corpus Christi JAN
Andrews Air Show: Best of Best MAR
Annual MT Air Show Guide MAR
NY/NJ Big Three Airports APR
Public Safety Interoperability 2007 JUL
What Happened to Rebanding? JUL
VBR Prescott CG Radio OCT
Scanning Alaska NOV

Technical

Radio Freq Identification (RFID) JAN
Get Outta Town! FEB
Propagation Outlook - Summer APR
Electronics Industry Goes Green MAY
Putting it All Together: Engineering/ Audience Research at TWR AUG
Propagation Outlook - Winter OCT
TWR's Poster Antenna Project NOV

Utility/Ham Radio

ZBR Bermuda Harbor Radio FEB
New Heights for hams (balloons) MAY
Storm Chasing w/ham radio MAY
World of 10 Meter Beacons MAY
Military Monitoring - FL Panhandle JUN
The ARRL's "Big Project" (kids) SEP

AMERICAN BANDSCAN (even months)

FEB News Stations and "Criticality": new stations on the air.
IBOV/HD/Digital Radio News; Big Sky DX; Golden State DX; New Brunswick DX; More from Asia; Stations Sold
APR A Radio Mystery (nationwide signal on 1610 kHz);

IBOC/HD/Other Digital Radio News; Digital TV News; New Brunswick DX; Maine DX & new stations

JUN March 23rd: The Day the DX Died? HD DX; FM translators of AM Stations; New SanFran station; New FM&TV stations

AUG HD Radio Rules Released. Weird Frequencies (Guam); Canadian AM News; Retro Radio; Radio Station Starts Forest Fire; DX from Easter Island; Stations Changes

OCT Cheaters, or not? (High-power BCing outside hours); Breaking News (IBOC rules published); Mysterious test tones; Bits & Pieces; AM Bandscan Station Report

DEC Everything Old is New Again (a look back at AM radio); Nighttime IBOC; FM relays of AM; Station Report

ANTENNA TOPICS

JAN Can You Describe the Antenna You Want?

FEB Popular and Useful HF Antennas

MAR An Abbreviated Antenna Dictionary

APR Resonant, Incidentally-Resonant, and Non-Resonant Antennas

MAY A Pedestrian-Mobile Antenna

JUN Should I be Using an Antenna Tuner?

JUL Tips on Increasing Handheld Performance

AUG Shocking Experiences: Thoughts on antenna safety

SEP A Simple, Wide-band, Field-strength Meter

OCT Antenna Designs for VHF, UHF and Microwave

NOV Useful Indoor Antennas

DEC Diversity Reception, Smart Antennas, and Reliable Communications; Let's make a "poor man's smart antenna system"

ASK BOB

JAN How to improve SW antenna reception; Using SW dipoles; multicoupler vs T-connector; TV preamp for scanners; vegetation on power poles; any medical benefits to Tesla coil?

FEB Terminating unused ports in multicoupler; advantages of battery-powered SW operations; RG-6/U vs RG-8/U; dB gain for Super Select-A-Tenna vs original model; puzzling reception with active antenna; coupler needed between flat-two-wire and coax?

MAR Understanding house current; understanding P-25 and trunking; push/push buttons; gain for

APR Select-A-Tenna models; using TV splitter w/two scanners
Length of dipole for AM/SW; reason for coil-wrapped center pole in sat dishes; using cellular antenna for scanner; effect of rain on LF signals; 10 amp battery charger as power supply; legality of reading voice mail on opponent's cellular phone; multiband radio fluttering noise while tuning

MAY Using discone without top element? Reception distance on "Close Call"; name for flexible pin plug?; unknown RFI spaced every 30 kHz; using RR trestle as SW antenna support?; comparing 2 Yagis; how to use 1 mobile antenna for scanner and transceiver; digital TV reception in fringe area

JUN Hooking up AM antenna; Disabling RFID tags; Does Canadian CG QSL? How to QSL Russian stations; Does SSB travel further than full-carrier AM?; Do any CB HTs have SSB?; Optimal wire length for HF antenna

JUL Satellite coax okay for scanning? Difference between RG-6/U, RG6, RF8/X? SW beginner's questions. Would digital recorder overcome tape hiss? Antenna coupler, resistance and selectivity. How does GPS know best hunting and fishing times?

AUG Why make scanners w/cellular reception but no ability to decode? TV antenna okay for scanner antenna? Can cellphone be used for emergencies without buying a plan? What is adequate ground? Active antenna okay for AM DX with nearby 2.4 GHz uplink? How to remove hum heard at night using outdoor wire antennas?

SEP IDing interference; replacement antennas for multiband; illegal to view wireless cameras? fluorescent light bulbs and interference; antenna swap surprises; longer-lasting AA batteries; apartment dwelling and electrical noise on HF

OCT QRN from cell towers on scanner; Is it legal to rebroadcast broadcasts or communications on the internet? VHF overload from local airport; Is a preamp advisable for better scanner reception? Will narrowbanding affect GMRS?; Is preselector useful for HF/LF? Could interference be causing 2.4 GHz dropouts?

NOV More on fluorescent bulbs; Why doesn't lightning melt the rod? Connecting antennas together;

Why are cellular freqs still blocked? Is home-generated power safe for computers/radios? Which indoor SW antennas are best?

DEC More on apartment-dweller antennas. Which coax is best? How to ground equipment from 3rd floor? How to purchase IRCs? Does DRM have a future? Does stored gasoline go bad after a few months? Recommended scanner/antenna for distant NOAA Wx stations? Is R8500 legal for consumer use in US?

BEGINNER'S CORNER

JAN Preparing for the "Good Ol' Days" (upcoming solar cycle); More Parts Sources

FEB DXing Latin American TV & Radio via Satellite

MAR Exercise to Better Health with your Radio Hobby - biking

APR Stormy Weather (lightning protection); Reader Q&As (SWL QSL requests, adding inputs to digital TV receiver, over-air reception of network affiliates); Tracking Those Elusive IRCs

MAY How to Start Your Own International SW Station

JUN Do-It-Yourself Satellite Radio

JUL DIY Sat Radio: Taking it to the Limit (partial list of radio stations)

AUG Buying a Dedicated Weather Radio

SEP General Class: Welcome to HF

OCT The New Ham's HF Station Check List

NOV Yard Work and House Work: Take Your Radio Hobby Along

DEC Gift Ideas for your Favorite Radio Hobbyist (You!)

BELOW 500 kHz

JAN Tips from Kevin for 2007; Tips and Resources; What I Use; Loggings

FEB Prime Time: Chasing Euro-Broadcasters; Beacons; Lowfers; Going Even Lower

MAR New England Beacons: Locating Your Catch; News Flashes

APR News and Updates: ZM on 187.5; Arizona logs; VY1JA beacon; Sky & Telescope article on VLF; Marconi bust safe and sound

MAY DX Destinations: Location, checklist, communications, the big day; Hamfest season

JUN Warm Weather Tips. 500 kHz Experiment News.

JUL Housekeeping Tasks (some ways to help the author); mailbag

AUG LF Receiving Antennas (random wire, ferrite loops); mailbag

SEP LF Receiving Antennas (Loops); Loggings

OCT Antenna Wrap-Up: Active Antennas; Pierre SD Beacon? Loggings

NOV Your FAQs Answered: Best antenna or LF? What is WWVB?

What is lowest freq? How can I QSL? Warbling tones? Why Canadian beacons start with Y?

DEC "Our" Season is Here! Chasing Euro-Broadcasters; Beacons; Lowfers; Going Even Lower.

BOATS, PLANES, and TRAINS

JAN BOATS: Winter, Waves, and Wireless - Antenna Work and Autumn Reception; Unexpected Surprises; Caribbean Freqs; Rescue 21; Marine Radio Historical Society

FEB PLANES: VHF Aircraft Listening Potpourri. Magic (MAJIC?) in North Carolina; Quest for a Better Receiver; Better Coax, More Interference; Fish Finder; Aero Charts

MAR TRAINS: Hi-Rails, Track Permits and More Terminology; Altamont Press Update; O.S. Reports

APR BOATS: Intrigue and Inversions; HF Listening; Historical Radio

MAY PLANES: Airport Information for Listeners: AirNav, Airport/Facility Directory. Airport Identifiers, Airport Communications, ATIS Broadcasts, AWOS and ASOS, Runway Numbering; Published Procedures, Pilot/Controller Glossary, FlightAware, MT Anthologies

JUN TRAINS: Train Monitor's Paradise - The Powder River Basin

JUL BOATS: The Changing World of Marine Radio; Manitoba and Northern Ontario; VMS; HF info; EPIRBS; Reader Reports; Kingston Area

AUG PLANES: What is "Airspace"?

SEP TRAINS: Denver, the Rockies, and Repeaters - Golden as a base, Moffat Tunnel. Radio Discipline. Same words, different meaning.

OCT BOATS: Winter DX and Column Research; Annual Rush to the Sea; HF BCs across the world: Canada CG; Australia

NOV PLANES: Listening to Small Airports

DEC TRAINS: Traveling with a Scanner

COMMUNICATIONS

JAN AMATEUR RADIO: Red Cross Volunteers; Natl Traffic System; Public Svc Activity Report; Ham-band song. BROADCASTING: BCers support appeal against BPL; Kenya wants equal time; TDP Radio; DRM Yahoo Group; KCRW primary audience is online. NEW TECH: Cloning RFID easy; Wis bans forcible RFID implantation

FEB GOV & MILITARY: FCC Drops Morse Testing; ARRL Appeal BPL; April No Joke to CHU; Emergency Beacons Prohibited; USAF to Replace PLBs; Military LMR system vs garage doors;

Congress approves interoper funds

BROADCASTING: streaming audio; new VOA director.

PHONES: Study shows cellular phones safe; Blame the sun for dropped calls.

MAR NEWS: FCC and FAA Tower Rulings; HCJB is Changing; Free Ham Podclass. MT HOME FRONT: Antique Radios Auctioned; What's the Frequency, Kenneth?; MT Blog hits big-time; Electronic Tutorials

APR Sat blown into smithereens; Space Control Center Moves; Cycle 24, Boon or Bane?; Globalstar problems; Hubble loses camera

MAY BROADCASTING: VOA English slashed; Webcasting in trouble; Payola settlement; FCC approves IBOC rules; Zimbabwe confiscates SW radios; TV Marti exec pleads guilty; San Fran Liberation Radio appeals. MISC: Spies sentenced; compensation to consumers? AMATEUR: Herman Munster's Ham QSO; ham radio suspended in Iraq; Dayton Hamvention; European DX Council

JUN FCC and BROADCASTING: Digital Deadlines: cellphones, television, FAA; Let the Bidding Begin; One-week LPFM Filing Window; CARP vs webcasters. AMATEUR RADIO: ham repeaters interfere with Mil radar; Background check update. MISC: DX Tuners shuts down; A Wok on the Wild Side; Don't Bee-lieve it! France selects DRM

JUL SCANNING: GAO Report on Interop; They Hear it on the Scanner; Hall Co GA encryption. MISC: Canadian "Spy" quarter fiasco; David Rosenthal obit.

AUG DISASTER PREP: Amateur Radio; 2007 Atlantic Hurricane Season; QuikSCAT; Emergency Broadcasting; FCC Strengthens EAS; FCC Petitioned to Allow Jamming.

SEP False Alarm (EAS); Hams Part of Emergency Planning in Barstow; Federal Court Denies Webcaster Appeal; AFN Broadcast Detachment Transfers Command; Bashkirian company blows up Russian towers; Build a Better Battery contest. Lady Bird Radio Owner, Jean Marius Novi

OCT WB4ENI, Prime Time Shortwave FCC Reconfigures 700 MHz Spectrum; Broadband in the "White Spaces"; DirecTV Adopts BPL; Pirate Reunion

NOV FCC: Digital TV deadline; Rebanding deadlines; automated disaster information reporting system. PUBLIC SAFETY: CAD interoperability; CDE; Air Traffic Controllers protest radio ban; Weather Radios recalled. BROADCASTING: Aggressive

marketing in Russian TV; Cuban Radio 85th anniversary; High Adventure Ministries founder dies; SaveNetRadio; Internet DJs must have license to play...

DEC Radio St Helena; Bloated BBC?; BBC Sputnik Challenge; New Leak Alerts Al Qaeda; Cell Phone Company Buys Surveillance Band; Memphis ARTCC Goes Black; California Fires; Dr Richard Wood Dies

COMPUTERS & RADIO

JAN Monitor Earth Orbiting Satellites - The Easy Way. (Heavens-Above and other web resources). Digital Hotspotter

FEB Staying Up To Date: updates on previously-reviewed programs (Spectrum Lab, RxPlus, SWLog, RadioMax, RF Space Spectra-vue, FlexRadio PowerSDR, MixW, HamScope, RadioControl, RecAll, ACARSD, ACARS Log Analyzer, DxMonitor, PC-HFDL, Omni-Rig, YPLog)

MAR SDR-14's Real Time Spectrum Recording

APR 91 Modes - Multipsk

MAY Mac Radio Programs (CocoaModem, MultiMode, DXToolBox, SignalScope, Tone Generator X)

JUN 2007 Computer Landscape - Hype, Confusion, & Reality

JUL Radio Jupiter Pro 3

AUG Not your father's satellite tracking program - Nova for Windows

SEP PC Digital Audio Recorder Programs (RecAll Pro, Scancorder, Sound Recorder, Snooper, Audacity)

OCT Windows Vista Versus Radio Programs; Mini USB 1.1 Docking Station; Programs tested (Icom IC-PCR1000 V2.2, RadioMax V5.17, Talk PCR V2.4F2, RxPlus V1.94, YPLog V4.48, Rig Resident V1.1, Ham Radio Deluxe V3.4 b1254, Radio Raft V3.21, Icom OKA V1.0, HamPort V1.0 Beta, DX Monitor V1.20)

NOV Full Spectrum Logging (DXtreme Software Reception Log); Enigma update; thoughts on information vs knowledge

DEC Lynovation's Wireless Bluetooth Radio Interfaces (BlueLync)

DIGITAL DIGEST

JAN Over the Horizon Radar and ALE Networks: How? Where? What? Italian Finance Guard/Customs ALE Net; Uzbek Army ALE Net

FEB Nigerian Oil on ALE; Mexican Navy; Yacht Email Continues to Develop

MAR Mexican Gulf and Brazilian Oil - PETROBRAS and PEMEX Oil; Nigerian Oil Update; STANAG 4529 On-Air

APR RFSM2400 MIL-188-110A Decoder Software *[note: the incorrect illustration ran with this*

article; correct one in May "Letters"], Czech Diplomatic Service; Russians on 16023; Algerian Diplo Service; Moroccan ALE Networks

MAY Digital Alligators on HF? Link-11; French Forces 184.6bd ARQ-E; Algerian Construction LE net; Mystery ALE networks

JUN Venezuelan Navy Network; New Missionary Net?

JUL Hoka Code 300-32; Siemens CHP200

AUG Pakistani Navy and Virginia Guard ALE; Hoka Code300-32, Part II

SEP Digital Utility Myths - Where Did all the RTTY Go? XSS Mystery ALE Network Identified; Some Old Modes Do Come to Life!

OCT High Speed Digital Communications; 110A Decoders; 110A Basics; Frequencies (US Coast Guard, Venezuelan Navy, Czech Diplo, Spanish Navy, Mexican Navy

NOV The Codan 16 Tone Modem; The Codan Chirp; Codan Networks: Egyptian Diplomatic, Moroccan MOI Network; Greek Network

DEC What Do I Need for Digital Decoding? Brazilian SIVAM on the Air

THE FED FILES (odd months)

JAN Projects, Close-Ups, and a Contest: MT 25th anniversary drawing; Bureau of Prisons Frequency Project; Justice Dept 25 Cities Project; Postal Inspectors; Immigration and Customs Enforcement (ICE); Listener Report from Oklahoma City

MAR Where is the IRS? Nat Park Service Moving to Digital; Dept of Energy Follow-up; Fed Files Myths and Legends (Seneca)

MAY A Super Week in Miami; Bureau of Prisons Project On-Line; Federal Scanning in Puerto Rico; Myths and Legends (Secret Service "Suit" radios)

JUL On the Campaign Trail with the Secret Service: VHF and UHF allocations; WHCA allocations. LA Bureau of Prisons update.

SEP Washington DC - Federal Scanning Wonderland: US Capitol Police, National Parks Service, Justice Dept, Dept of Homeland Security, US Secret Service, Misc and Unknown. Federal Trunk systems. Encryption. Fed Files Myths and Legends (Feds can operate wherever they want).

OCT Fed Files FAQs: Who's on this frequency? What scanner do I need? Where can I get fed freqs? Buzzes and clicks? Where did they go? How can I pick up wireless mics? Hearing a stake-out. Arizona Border Scanning.

FIRST LOOK

FEB Kaito KA1102 vs Eton S30DL

MAR Kaito KA1102 vs Sangean ATS-505P

APR Kaito 1103

MAY Uniden BC-RH96 Remote Head

JUN Alinco DJ-X30T Scanner Boston Acoustics Receptor HD radio; Radio Shack's Accurian HD radio

JUL Sangean HDT-1, the Component Approach

AUG Polk Audio's I-Sonic AM/FM/HD/XM/CD/DVD and MP3 Player

SEP Cambridge SoundWorks 820HD AM/FM HD Radio Receiver

OCT The Radiosophy HD-100 Philosophy

NOV GRE PSR-500 Raises the Bar!

DEC Sony's XDR-S3HD Table-Top HD Radio

GLOBAL FORUM

JAN Clearing Frequencies in 2007 (Radio Slovakia, Radio Prague, YLE Radio Finland, RUV Iceland, RFI France, RAI Italy)

FEB Radio Canada (Inter?) National Remakes Itself

MAR Weeks of DST Confusion; Latin America SW Radio Lists; 2006 Clandestine Survey

APR India Commits to Domestic DRM on Shortwave

MAY Missionaries on the March in Micronesia ... and Central African Republic

JUN Where is Radio Republica? A-07 Freq Schedules

JUL WHRI Usurps Canadian Time Signal CHU

AUG Radio Budapest, Hungary, Closed Down

SEP Italy Quitting Shortwave? Austria Stays; Finland Could Come Back

OCT Pulse Over-the-Horizon Radar Interference

NOV Monitoring 190 kHz of spectrum at a Time

DEC DRM Frequency Management

LETTERS

JAN More Kudos; Ramsey Aircraft Monitor; Controlling the R8B; Beacon Hunting; New MT Readers Website

FEB Congratulations, MT! More on "Growing Up with Radio"; Corrections (Niagara Falls, Studio Transmitter Links)

MAR And the Winners Are...; The SW Debate Continues; Programming Spotlight; homebrew motor photos; Lost CW Gadget

APR Correction to Labrador article; Future of Shortwave; Glad I read it in MT; More Parts Suppliers Editorial: It's so easy a caveman could understand it!

MAY Correction to Digital Digest illustration; MT at Winterfest; Harmony on the Ham Bands; Radio Cats!; Hello from Canada; KY Music Hall of Fame

JUN Antique Telephones; Antique Scanners; New Tech (wi-fi, DRM, computer-hosted radios); DRM SWBC's salvation, true or false?

JUL Antennas; Keeping cool (ice field faxes); Surge protectors

AUG The World According to Emmitt; More on HD Radios. Guest Editorial: Evaluating the Emergency Alert System

SEP Going to Great Lengths (John Musgrave's radio hobby); Monitoring Sea-Tac; Footnotes (WWII jingle, Godzilla reference)

OCT Tom Kneitel - The Write Stuff; Can you switch DISH to DirecTV? More info on INMARSAT decoding?

NOV Feedback: Mystery Radio; Fox Scanners; Emergency Battery Ops; WRNO Memories; Local Stations On Line; Antique Electricity (Lindsay's Technical Books)

DEC Early FM Radio; VOX; VBR Prescott; The Law and Streaming Audio

MILCOM

JAN The FLSATCOM System

FEB LEASAT - The Fleet Augmentation

MAR Air Show Equipment and Schedules 2007

APR Ultra High Frequency Follow-On (UFO) Program

MAY Military HF Comms Alive and Well; Milair Frequency Changes; Aussie HF Military Network

JUN The CAP VHF Radio Network - Frequencies in Transition; New Military Trunk Systems Uncovered

JUL Monitoring the US Army: Command Emergency Op Net; Nat'l Guard State Nets; SHARES

AUG Ear on the National Capitol Region: Joint NCR System; More 380MHz LMR in DC area; Call for Monitors; More HF Milcom

SEP More 380-400 MHz Trunk Systems: Calif/Fla/Ga/Va/Wa. New London Submarine Base. Westover JARB Update. New Ohio Guard HF Frequency. Milair Frequency Changes

OCT US Aerial Refueling Frequencies Changed; US Air Force Trunk Radio Systems; New Georgia Military Net; Milair Band Spectrum Holes

NOV Monitoring the UK Royal Air Force: Russian Long Range Air Force; USAF Trunk Systems; Monitoring Military HF

DEC The Hidden Military Band (VHF-Low); US Army Trunk Systems, Part 1

MT ARCHIVES

JAN DXing Broadcast Harmonics

MT HELP DESK

JAN What is STANAG 4285 and how to monitor it; Activity on 5680 and

FEB 7257; best and cheapest way to monitor UHF military

FEB Can the BC250 be flash upgraded to receive P25 9600 baud system? Uniden BR330T vs 396T vs Yaesu VR-500. Changes in marine channels? Filter to only pass 225-400 MHz?

MAR INTEROP freq pairs; pager blocking; software for ALE and computer control; monitoring EJ Johnson Multinet APCO 16 system; HF radio nets

APR Andrews AFB Shark ID; Who is using 360.800?; Equip needed to monitor HF-ALE; Who is on 12067 USB? Who is Atlas 310 on 11232 kHz? PC-based scanner equipped for P-25; RTTY on 9030 kHz; unknown ALE stations on 15867

MAY Free propagation prediction; which freq in pair is input?; Is USCG signal skip or relay?; ScanCat/Signal Stalker problem

JUN CAP-assigned call signs; Skynet 5A mlsat; Is there a source for MARS stations and freqs?

JUL Government Interoperability Nationwide Frequencies

AUG How to decode ALE bursts and what antenna recommended? Where is activity on USCG/ COTHEN nets? What are best prop conditions for best listening? Why discrepancy in search ranges for air show monitoring between MT and Top Secret Registry? Which mode best to search at air shows?

SEP What is SGLS, who uses it, what equipment needed? Websites for A and K indices. Uniden 246T skips every few seconds. Freqs for Hawaiian Air National Guard. Does commercial SSB use similar USB/LSB conventions as ham radio?

OCT What are FCC's plans for UHF TV channels after switch to HDTV? How to use delay settings on Uniden 996; Interference problems on radio control frequencies; Second thoughts on Uniden 246T skip problem.

NOV More on Propagation; New freqs for Progress Energy; New DoD systems are what kind? Who or what is Hilda? Is there a milair BNC antenna? Is LORAN still active (in Searchlight, Nev.)?

DEC Did I see a refueling flight and where from? Recommended utility software/hardware package? Who is Bumpy-22? Who was on 30.6? Recording active frequencies?

MT REVIEW

JAN Tecsun Green-138 wind-up MW/FM/SW

MAR KAITO KA009 Dynamo & Solar Powered Radio

APR MFJ 1026/1026 Noise Canceling Signal Enhancer

MAY Comparing Four Mid-Priced Portables (Grundig G4000A, G5, Kaito 1103, Sony ICF-SW7600GR)

JUL A "Mounting" Problem - conventional; small inexpensive; professional; DIY mobile mounts

AUG Going Mobile with HD Radio

SEP MFJ Model 1623 Window/Balcony Mount Antenna; NetWorks and NetWorksGo from Tivoli

OCT RadarBox by AirNav Systems

NOV Kaito's Multifaceted KA1121 portable shortwave and more

ON THE BENCH

JAN Back-Up Power for Home and Hobby

FEB On the Technical Side (readers letters): Going Mobile on SW; A Poor Man's Wind Sock; Antenna Experimenting; Getting Grounded; What's This Gadget? What's That Antenna?

MAR Operational Amplifiers

APR Solar Power for Eton and Grundig Cranks; AOR DS3000A discone antenna; No-sweat antenna radial installation

MAY Getting that Rig Back on the Air (Icom IC-761)

JUN Frugal Guide to DRM Reception

JUL Scanner Programming: Getting the Most from the New Uniden Scanners

AUG Antennas for BC-Band Crystal Sets; Update on INMARSAT

SEP Model Motors from Scrap

OCT Junk Box Treasures: Shafts

DEC Unleashing the Icom PCR-1000 with a PDA

ON THE HAM BANDS

JAN Something Old, New, and a Few Dogs, Too (Icom IC-730 and AT-200Pro tuner)

FEB Ragchewing Revisited (what to talk about)

MAR Get on the Bus as CW Goes Gently Away (CW requirement gone and FCC Omnibus rulings)

APR April Odds and Ends: Chasing 5 Band WAS; MS Vista; Computers Cheap; VHF Contesting; book review

MAY Searching for an Island with a Mountain with a Lighthouse: Islands on the Air; Summits on the Air; Lighthouses; County Hunting. Web site and book of the month.

JUN Having Fun on Field Day; Website of the Month; Software of the Month

JUL How Green is My Shack? Power to the People; Recycle Everything; Website, Book of the month.

AUG Collectable Ham Radio; Website, book of the month

SEP The Ham as Scannist: Know Thyself; Know Your Frequencies; Know Your Local System; Know

OCT Your Equipment; Know Your Power Needs and More
 NOV Emergency "What If" Thinking
 DEC Promoting Ham Radio
 DEC Ham Radio's Holiday Gifts (contest and special event stations)

OUTER LIMITS

JAN FM Pirate Activity Continues Despite Busts; Degeneration X not DXers; Borowitz on Pirates; Crystal Ship QSLs; Pirate Beacons
 FEB Al-Zawraa TV Goes Clandestine via Satellite. The Future of Radio blog Closes. Playboy Cover s Pirates. Daily News covers Numbers Stations; Schoech's Pirate List. Tokyo Rose Dies
 MAR Focus on Cupido Radio; Pirates at Fest; Al Muick in Sudan
 APR Radio Ice Cream; FCC Monitoring Web Site; Marti Broadcasts in USA; Copyright and Pirate Radio
 MAY Pirate Radio and the Media: Global Crisis Watch; Fla Pirate Web Site; Mainstream coverage; New Iranian clandestine; Radio Pun
 JUN Radio Azteca Dominates Fest; BLANDEX Returns; Greek Pirate; Odd Numbers Voice; Radio Free Mt Airy; Homebrew Rigs; Pirate Goes Legit
 JUL Pirate Radio Gets Headlines; Harry Helms on Tourism; Greeley "Pirate": Clandestine QSLs; ARRL Attacks Clandestine
 AUG WHRI Interferes with CHU; New FRW Editor; Clandestine Web Links; Padula Receives 8,145th QSL; Odd Jammer; Airborne Radio Marti
 SEP Cuban Spies Convicted; Pirate web sites; British MPs Protest Crimestoppers ad; Ethiopian Clandestine; West Bank Pirates; Holidays
 OCT Halloween a Major Pirate Holiday; Commander Bunny for President; Oldest Pirate QSL? North Korean Quasi-Clandestine; Harry Potter on Pirate Radio
 NOV Thanksgiving= Pirate Radio. Pirate reception on internet; WBNY vs WBCQ; ACE returns as web site; BLANDEX returns
 DEC Commander Bunny's Presidential Bid; Christmas Biggest Pirate Holiday; Mysterious Carrier; Odd Alabama Signal

PROGRAMMING SPOTLIGHT

JAN Czeching on Slovakia (Czech Republic Radio Prague and Radio Slovakia International)
 FEB Sounds Historical (programs about history)
 MAR Unforgettable Radio: Memorable Presenters; Today's Classics; Golden Age comes Alive
 APR DX Programs; Language Lessons by Radio update

MAY Spotlight on Radio Netherlands; Other Benelux broadcasters
 JUN Country Music Worldwide
 JUL More DX Shows: Programs Morphed into websites; DX segments still on shortwave; DXing with Cumbre update
 AUG Good Listening from the Far East: Radio Japan and KBS Radio Worldwide; Listening to Australia during severe weather crisis
 SEP Cruising on the Information Highway - BBC World Service; New Zealand; South Africa; Canada; Something a Little different. RAE Update.
 OCT Romania, Myth and Magic - Radio Romania International; War of the Worlds; Halloween Listening Today
 NOV Faith Matters; Radio Australia, CBC, Deutsche Welle, Radio New Zealand, Voice of Russia, Channel Africa
 DEC Yuletide and Year's End: Leading up to Christmas, Christmas Eve, Christmas Day, New Years Eve/Day

QSL REPORT

JAN LowFERS and MedFERS
 FEB The Low-Down for Beacon Heads
 MAR Radio Prague Releases Lookout Tower QSLs
 APR Higher International Mail Rates; SRI Celebrates 70 Years
 MAY 75 Million QSOs and Growing
 JUN Word to the Wise DXer on IRCs
 JUL Clearing Out the In-Basket
 AUG New QSL Card Series for Collectors (Radio Taiwan, HCJB, Radio Free Asia), Radio Bulgaria Monitoring Club
 SEP Get Ready for MW Season
 OCT One World...One Dream (China); Radio Tirana QSL series; Pirate QSLing
 NOV Medium Wave QSLing
 DEC Holiday Listening

RADIO RESTORATIONS

JAN More Radio Data Books for Your Library
 FEB Back on Track with the Trans-Oceanic (print edition had same title as Jan!)
 MAR T-O Now Recapped and "Re-Rectified"
 APR Wrapping Up the Trans-Oceanic Project
 MAY Introducing the BC-348
 JUN More on the Trans-Oceanic and BC-348: Battery Packs for Longevity; Other T-O Comments; First Look at our BC-348
 JUL BC-348 Restoration Begins
 AUG Recapping the BC-348
 SEP The BC-348 Restoration Continues
 OCT The BC-348 Gets a Smoke Test
 NOV Power Supplies for the BC-348
 DEC A Permanent Power Supply for the BC-348

SCANNING REPORT

JAN Sheboygan Falls WI Scanning is a Life Saver; Louisville KY; Mississippi state radio network; Jackson MS EDACS; Virginia Ten Codes; Westport CT
 FEB Trunking and Talkgroups: Allen TX; Talkgroups; Using the RS PRO-97; Collin County TX, Plano TX
 MAR Choosing a Scanner: CB Radio; FRS & GMRS; Griffin GA; Digital Scanners; Trunking. Suburban Chicago Mutual Aid; MABAS; Des Plaines IL; Naperville IL; DuPage County
 APR Smart Zone, Smart Net; Morris Co NJ; UHF Trunked Radio; Hang Time, Squelch Tails, and Uniden BC245XLT; McMinnville OR update
 MAY Crossing the Digital Divide: Los Angeles Police Dept; LA Fire Dept; Port Hope ON; Encoding versus Encryption; Dayton Hamvention
 JUN Matching the Scanner to the System: Modern Scanners. Wash DC Public Safety; Palos Heights IL; Valentine NE; Parker County TX; Chicago IL update. MPT-1327 Systems
 JUL Scanning Oklahoma, Oregon, and Delaware. Tulsa OK; Oregon Sticker Shock; Delaware statewide system
 AUG Interoperability on a Smaller Scale - Steuben Co IN; LCN and EDACS; Marion IN; Fulton IL; Louisville KY; Port Hope ON query; Hawaii recordings
 SEP Back to Scanner School: trunked systems, finding control channel, etc. Henry County VA; Haverhill MA; Levy County FL; Battle Creek MI; Val D'Or QB query.
 OCT Mining the Scanner Manual; Peachtree City GA; PRO-97 Memory; Glenwood Springs CO; Canadian Frequencies (looking for Deux-Montagne information); Spring Hill FL
 NOV The Search for Meaning... Motorola Astro; Astro Trunking; Drummond Is MI; Colden, NY; Finding Freqs; NY Statewide Wireless Net; Chemung Co NY; Heath OH
 DEC Scanning Down Memory Lane (reflecting on simple beginnings to digital trunking)

UTILITY WORLD

JAN Cuban Morse "Numbers" Frequencies; LORAN-C Changes
 FEB Utility Band Deadline Approaches: Trouble at CHU; Changing Weather Fax; US Changes. The Future (WARC-07)
 MAR ShipCom Frequencies - WLO, KLB, KNN, WCL, EKA?!
 APR G11: A Numbers Station Returns; Visual DX? Fun radio places to visit using Google Earth

MAY	CHU Stays Put! Latest beacon mystery - PUN; This month's Cuban strangeness	New Equipment for 2007	Jan
JUN	HFDL: Everything You Ever Wanted to Know	Pak-Lite emergency light	Dec
JUL	US Coast Guard May Drop HF Broadcasts; Air Force MARS Change; DX Tuners Closes; Cuban PSK Testing	RatTail Antenna Booster	Feb
AUG	Year-Long XSS Mystery Solved	Tac-Comm Tactical Radio Carrier	Apr
SEP	PC-HFDL: A Good Program Gets Better; VHF HFDL Counterpart Now Active; XSS is TASCOMM?	WinRadio AX-81S Active HF Ant	Jul
OCT	Spooky Communications - Israeli Phonetic Alphabet Station; Long EAMs Aren't Spooky; Has Cycle 23 Bottomed?	Xtal Set Soc - 3 new kits	Apr
NOV	Summertime in Antarctica; More Google Earth exploring	Xtal Set XS-DE Dual-earpiece headphone kit	Aug
DEC	The Arctic: HF's New Frontier; New Guam LDOC? Cuban Mode of the Month!		

WHAT'S NEW

Books, CDs

2008 It Was Great	Jan
2007 Guide to Utility Radio Stns	Mar
2007 SW Freq Guide	Mar
2007 Super Freq List	Mar
A Matter of Destiny	Jul
ARRL Antenna Book	Aug
AFFL FCC Rules & Regs for Hams	Nov
ARRL GPS and Amateur Radio	Jul
ARRL Handbook	Jan
ARRL Periodicals on CD-ROM	Jun
ARRL Repeater Directory	Jun
ARRL RFI Handbook	Jun
Collector's Guide to Antique Radios	Dec
Crystal Radio Projects	Jun
Domestic Broadcasting Survey 9	Aug
FAA Electronics Technician Life Style	Sep
Foreign Language Recognition CD + RCI SW Club archival programs	May
Listening to Longwave	Jun
Music Radio	Jun
NRC AM Radio Log	Nov
Passport to WBR	Jan
Something in the Air	Feb
The Secret Wireless War	Jul
Tourist Trains Guidebook	May
Tower Site Calendar 2008	Nov
World QSL Book announcement	Sep
World QSL Book review	Oct
World Radio TV Handbook	Mar

Business news, Software

Eton E1XM Partial Recall	Feb
Orbcomm Plotter	May
Popular Electronics Top Ten	Dec
Soundsnap website	Sep
Swift WX Professional	Apr

Equipment

AirNav RadarBox	Sep
AOR AR-ALPHA	Sep
Autonet Mobile hotspot	Aug
GRE announces new radios	Jul
GRE PSR-100/200	Nov
GRE PS-500/PS-600 specs	Oct
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Morse Express Christmas Key	Dec
NASCAR Nextel FanView	Apr

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AMERICAN BANDSCAN (even months)

FEB	FM, FM Everywhere (non-commercial stn filing window results); WNYZ TV station on radio?; IBOC
APR	TV: Countdown to Digital; More AM-FM conversions in Canada; Northernmost and Southernmost stations; Station testing on 1680 kHz
JUN	Minimalist DXing; Powerful Graveyarders; MO-to-OH move off; CBA-1070 move complete; Another type of mystery signal; Pioneer AM towers demolished;

	FM HD power increase?; DTV converter boxes
AUG	What's in a Callsign? Digital Radio News; Digital TV News; CBA-1070 gone; CBU-690 not going away; Going and away--and popping up elsewhere
OCT	Bandscan Potpourri: Five 50kW stations; Moving experiences; Newbies; Incompetence no excuse; mixed news and reader comments
DEC	Digital TV: Down to the Wire. New Publications; IBOC Notes; KFI-640 back to normal; New Canadian expanded-ban station; How many stations are there?

ANTENNA TOPICS

JAN	Antenna polarization and practical implications
FEB	Horizontal Antennas vs Vertical Antennas
MAR	Antennas and the US Navy; Build a whip monopole
APR	Notes on the Development of Antenna Technology: Concept of Fields; Early Antennas; Parasitic Beams; Phased Arrays; Long-Wire Beams; Horns; Potpourri; Future
MAY	Sub-Surface and On-Surface Antennas; Let's make some
JUN	Emergency Antennas a.k.a. Field Day Antennas
JUL	A Portable, Non-Directional Antenna for VHF-UHF
AUG	Tough, Flexible Antennas for HTs
SEP	Let's Talk About Antennas - I
OCT	Let's Talk About Antennas - II
NOV	Let's Talk About Antennas - III
DEC	Let's Talk about Antenna Feed-Lines: wire lines; coaxial cables; impedance and impedance matching

ASK BOB

JAN	Is gov able to monitor all cell phone conversations? Antennas for tube SW radios? 5-ft antenna can't hear WWV. Scanner Beam OK for transmitting? Are aero digital links encrypted or on satellites? Why same filters for different bandwidths? Do electrical utilities still use power line communications? Why the poor SWBC reception?
FEB	What happened to preamps? Discone okay for CB? What are sat dishes for at gas stations? What freqs do police patrol car video cameras use? Hearing music from CD players on FM radio; Clothesline poles work for SW dipole? IC-R75 has static on tropical channels.
MAR	Discone okay for TV DX? Antenna for marginal NOAA WX reception? Grounding on

	lightning arrestor w/o bus bar? How do know if gas-discharge arrestor hit by surge? When replace?
APR	Modified scanner doesn't pick up cellular; calculating impedance of long wire; What happened to Gilfer Assoc? PAR attic-mounted wire vs outdoor wire? digital TV reception with converter? Does paint harm antenna? What is this antenna?
MAY	Speed of electrical current? How do light-weight battery chargers work? Antenna to improve 800 MHz digital reception? How to ground apartment radios? Best transformer for Jacob's Ladder? What is this family heirloom vacuum tube?
JUN	How do CFL bulbs compare with incandescent? Can beam null out nearby repeater? How did 3-wire railroad circuits work? Why do I hear Howard Stern on car radio? Can I modify portable radio to receive local wx? Can I add elements to ScanTenna? Do domestic stations QSL?
JUL	What's happening to standard TV on Feb 17, 2009? What freqs do new digital channels use? What's future for 700 MHz two-way channels? Was it popular to listen to public safety on tube radios? Will preselector help electrical noise on indoor antennas? Formula for figuring scanning distance? How did early networks share programming? What is "squawk frequency"? Why don't birds get electrocuted on power lines?
AUG	Anyone still make coil-wound radio backs and what freqs were they for? Solution for local AM overload? Difference between tuner and preselector? Good coax cable vs audio cable between CD player and amp? two-way comms in 700 MHz range; Use a wok for a dish antenna?
SEP	Using oscillator to read analog tuned frequency; Best comm equip for snowmobiling; TV antenna splitter used to feed 3 CBs; "carpet loop" antenna for AM; data bursts on 154.470
OCT	DC freqs and recommended scanner. What are speaker magnets made of? Antenna and coax comparisons and using a splitter. SW reception in US compared to Europe. Reception of police data links.
NOV	What's range of WinRadio RDF? Grove Scanner Beam specs. WiFi transmission frequencies. DTV converter for wideband

receivers. Digital TV reception on portable radios. Why static less on HF than MW.

DEC Digital scanner recommendation. recommended antenna height for MW/SW reception. Active antenna comparisons and is ground needed. Meaning of "5 over 9" signal report.

BEGINNER'S CORNER

JAN Resolved: Use Less Power
 FEB Small Dish Satellite TV Options
 MAR Readers Write: No-tower antenna tower; HDTV reception; WX Radio DX
 APR Getting Started with a New Language (ham QSOs)
 MAY 10 Meters: Beginner's HF Wonderland
 JUN Digital Off-Air TV Explained
 JUL Off-the-Shelf Antenna Building Supplies
 AUG Tuning in to the Other Satellite Radio (DIY Big Dish and Ku)
 SEP Coping with DXCC Fever (confirming 100 countries)
 OCT SW, FTA Satellite and DTV Q&As
 NOV Digital TV and Music via Satellite: DTV channel assignment mysteries; Music via FTA and other satellites
 DEC Santa's Helper's Little List of Radio Gifts.

BELOW 500 kHz

JAN News and Views; ITU Conference; Loggings and letters
 FEB Loggings Bonanza; ARRL News
 MAR Focus on New England; Locating Your Catch; BeaconFinder II Update
 APR The Range in Retrospect
 MAY Asian Loggings, Q&A; PA Police on Longwave? Asian Intercepts
 JUN Warm Weather Tips. Mailbag. Beacon loggings at sea.
 JUL Digging Deeper. Info from IDs; info on calls, using harmonics on FAA beacons, better reception tips; New England updates
 AUG Essentials for LW Success
 SEP New England Update; Mapping Out Your DX; Homing In; Elmira NY Hamfest
 OCT What's Happening on Longwave? Northern Lights demystified; Grimeton Sweden transmitter; URLs to understand static; A/N Range revisited
 NOV Howard Mortimer WB2ZWI; ARRL News; loggings
 DEC Winter DX: Euro-broadcasters; Aviation beacons; Lowfers; Even lower; Mailbag

BOATS, PLANES, and TRAINS

JAN BOATS: Winter on the Water: Low Freq DX, Historic KPH/KFS rejuvenated; British Columbia; Cruising the East Coast; Challenges
 FEB PLANES: Radar, ADS-B, and the Future

MAR TRAINS: New Safety Provisions= New Radio Messages; Main Line Switches; Derails; Named Control Points
 APR BOATS: Navtex in Kingston; HF Monitoring; Local Happenings
 MAY PLANES: Aviation Weather for Aircraft Listeners: VHR and IFR; ATIS/ASOS/AWOS; Flight Delay Info; EFAS "Flight Watch"; PIREPS; PMSV Metro; HIWAS; Active Runway; Liver Reports
 JUN TRAINS: Joining Up with Operation Lifesaver; Special Agents; Blue Flags
 JUL BOATS: Radio, Cruises and Photography. St Lawrence Seaway; Arctic HF; West Coast; Amateur Radio
 AUG PLANES: Airline Company Frequencies
 SEP TRAINS: Rail Transit New Target for Listeners
 OCT BOATS: Tubes, Travels, and Telecommunications: Seaway comms, cruise comms, ham comms. AIS receiver and vintage radio
 NOV PLANES: TRACONs and Northern California TRACON
 DEC Journalists Portray Railfans in Bad Light (Chatsworth CA accident); Signal issue; Positive train control; Railroad Museums; Narrowbanding

COMMUNICATIONS

JAN AMATEUR: Amateur, SW, and C-band at WRC-07, Motorola acquires controlling interest in Yaesu, new IARU Reg 2 coordinator; BROADCAST: Are we watching HDTV yet? FCC encourages LPFM. PUB SAFETY: Cell phone jamming; dispatcher to scanner-land; missing police cruiser; radio towers help save boaters. CONSUMERS: Coby Electronics payer recalled, Toshiba recalls AC adapters, Consumer Reports on HDTV sets
 FEB Royalties Bite Internet radios; Phone-base radio; hams and winter storms; storm trims antenna; Back-ups work at Logan airport; Idaho agencies go to satellite; GPS wars EU vs US; FracFM antennas; homebrew saves county \$15k; DIY cops in trouble; scanner listeners help nab suspect; VIPER systems helps capture suspect; WRC-07 on DRM; ham DXing news; IBOC interference complaint
 MAR AMATEUR: Cycle 24 Begins; OR gov backs ham net. BROADCASTING: Radio Piracy on Rise; \$40 DTV Coupon; Sat radio/HD radio hype. PUB SAFETY: Last Ditch Interop; Russian GPS; GPS-equipped idiots. TV: Plasma/ LCD screens obsolete?
 APR SW: WWVH Makeover. BCing: Retailers Cash in on Converter

Rebates; Public BCing Cut; Japanese Queasy over HD. PUB SAFETY: Copper Theft Global; More on NY M/A-COM Flop; Sheriff's radio on-line. SAT: HITS Switches to C-band; Spy Sat deorbit. GPS: Armchair Bear Tracking; Empire State Bldg Mystery Zone
 MAY SW: NASB-DRM Confab. BCing: HD-Radio Engineers Go Old School; Satellite Radio. CONSUMER: Good-bye to Portable Analog TV Sets. PUB SERV: Scanner Listener Busts Crime; District's DHS Loses Radios. FCC: Cell Cos Talk at FCC Back-up Rule; Lame Excuse Pirate Fined. GPS: Bear Swipes Goat's Tracking Collar
 JUN SW: VOA & RFA BC to Tibet; League Slams BPL Hype. BCing: BC Stations Increasing; Denver's 10-yr Wait for DV; Star-Crossed Towers; Digital Conversion Madness. PUB SERV: FCC Auction Questioned. SATS: DOJ OKs XM/Sirius Merger; Russia to Build High-Power Bird; TV Satellite Short of Orbit. FCC: Enforcement Criticized by GAO; CB Shop Busted; Sign-Off Relief; Expensive Light Bulb. NOSTALGIA: 60s Pirate to be Movie Theme
 JUL SW/AMATEUR RADIO: Alaska to Test DRM; RFE/RL Complain of Cyber Attacks; BPL Declared DOA in Dallas; CA Nixes Cell Phone Directory. PUBLIC SERVICE: "Rear-view" cameras pick up private channels; RF-proof schools. AM/FM/HD RADIO: NPR's "War on LPFM"; FCC Guidelines for public. SAT TV/RADIO: Satellite Radio Merger; In-Flight WiFi services. FCC ENFORCEMENT: Antique Radio Collector Fine Upheld; Inept Owner Gets Fine Reduced; Phone Solicitors Liable; FCC's Chair under Scrutiny
 AUG B'CASTING: Calif Pirate Gains Following; Webcaster Gets Callsign. LPTV Stations Benefit; ESPN Radio Offers HD2 Programming. PUB SERV: Digital EAS; Ham Aids in Rescue. GPS NEWS: Court OKs GPS Tracking; OnStar Finds Funeral Car; Comms with the Dead; EPIRBs in the News. DTV Transition: Transition Confusion; Indoor TV Antennas. FCC: Unlicensed AM Transmitters; CBer Guilty and Broke
 SEP B'CASTING: NPR studies HD Radio; UGA Buys TV Station; KFTT Going Green; iBiquity Fee. DTV: Congress to fund LPTV DTV switch; Make Your DTV Switch Green. FCC: 2 Meter Pirates in Mines; Nationwide Sweep of FM Pirates; \$10k Fine for Boston Pirate; Sheriff Busts

GA Pirate. SAT/COMPUTER RADIO: Chrysler Web-based radios; US Broadband
 SEP BROADCASTING: NPR studies HD coverage; UG buys TV station; KFTT-FM goes green. DTV CONVERSION: Congress to fund LPTV DTV switch; Make your DTV switch green. FCC ENFORCEMENT: 2 meter pirates down in the mines; nationwide sweep of FM pirates; FCC Upholds \$10K Fine; Sheriff busts FM pirate. SATELLITE RADIO: Chrysler web-based radios; US broadband coverage poor. CONSUMER CORNER: Radio Shack recalls power supply; RFID could be hazardous. BALLOON-BASED COMMS: 700 MHz service, balloon relays into N Korea. Happy Birthday NASA
 OCT SW/AMATEUR: RNW wants its history back; ARRL's Big Project. BROADCASTING: Flashback to the Cold War. SATELLITES: FCC OKs Merger; XM/Sirius Top Brass Bonanza. PUB SERVICE: Tow Truck Heroes; Hacker Scares Clevelanders. FCC ENFORCEMENT: El Paso, Hawaii, etc. OBITUARIES: Gene Hughes, Tom Kneitel
 NOV SW/HAM: SWLers invited to NASB; Alaska DRM Experiment; Radio Marti covers Cuba during Ike; WRN goes DAB+. PUB SERVICE: FCC to Rerun 700 MHz auction; NY Emergency Radio Flop; WV digital system crash; stolen Dallas fire dept radio. BROADCASTING: DTV passes first test in NC; HD Digital Radio alliance; new HD radio network; HDTV "smart" antennas. FCC ENFORCEMENT: Religious BCer hit with fine; Starband not C-band pirate; non-compliant TV sets.
 DEC SW/AMATEUR RADIO: RNW Stops NA BCs; Where's the sunspots? RNZ celebrates 60; Hams help after hurricane; ham rescues. PUBLIC SERVICE: Scanner Listener Thwarts ID Theft; DTV Conversion. SATELLITE RADIO: Sat radio new price scheme. FCC ENFORCEMENT: Aero interference from TV; false ELT alarm; FCC sweeps Miami (again); San Diego TV fined; 16-yr old sends false maydays. CONSUMER CORNER: Sony recalls notebook computers.

COMPUTERS & RADIO

JAN Free Radio Toolbars: Hamlink and HamInfoBar
 FEB Free help for internet explorers: Site Advisor & Sandboxie
 MAR Seeing more with MaxiVista
 APR Cool is Hot (PC Wizard 2008; Antec Notebook Cooler); Extolling great customer support (Yaesu)

MAY Evaluating Four Laptop Coolers (iXoft Laptop Cooling Pad, Belkin F8N044 Cushtop; Antec Notebook Cooler; Zalman Notebook Cooler ZM-NC1000
 JUN WorldStation V4.2: Part 1. A Program Worth Buying?
 JUL Worldstation V4.2: Part 2. Multiple Radio and Remote Operations
 AUG Radio Control via Voice for \$10?! (VR Commander)
 SEP PC Tune-Up
 OCT Moving to a Bigger Hard Drive with Acronis True Image Home (plus USB-hard drive adapter)
 NOV "Fly" Your Radio (JoyToKey)
 DEC RadioCom 6 - The "Have it all" radio program

DIGITAL DIGEST

JAN Brazilian Navy Update; spectrum analyzers
 FEB Analyzing PSK with the Hoka Code300-32; Mexican PEMEX Oil and Gas ALE Networks
 MAR Easy Catches for Beginners (7 oldie but goodies); Bandscan (9000-9200 kHz)
 APR Russian Forces Signals: LP90 and MH90 net; PR0nn net; STANAG4197 voice modem; Russian mil sigs on rise; bandscan (5100-5300 kHz)
 MAY Digital Smorgasbord: New PEMEX Freqs; More Russian 75bd; Pakistani Navy PactOR; T12 ALE Net; PR0NN Net; bandscan (11000-11500 kHz)
 JUN Mixed Bag: PEMEX ALE update; Pakistani Navy freq; center of data or USB?; ITU Monitoring Service3; propagation research; bandscan (14350-15000 kHz)
 JUL Brazilian Navy Digital System. Bolivian Anti-Drug Units; Digital bandscan (16,000-16,400 kHz)
 AUG MARS on Earth: Navy, Army, Air Force. Rare VFT Back on Air; Rare Saudi ARQ-E System
 SEP Digital Activity from Germany: German Water Protection Nets; German Weather Service and SYNOP Codes. Bandscan (4000-5000 kHz)
 OCT Listening to Your Letters: Tale of Two Link 11s; Decoding the Mexican Navy; Bandscan (1200-12300 kHz)
 NOV NATO RTTY and more ALE: Iraqi Forces ALE Net; Austrian Army Net; New GLN Node; New XNet Mode
 DEC Getting Going with ALE: the radio, the computer, the decoder, putting it into practice

THE FED FILES (odd months)

JAN TOPping OFF the New Year (TOPOFF exercise); Fed Freq sources; What is an NAC? Atlantic City Fed scanning; Federal Reserve System radios
 MAR To Your Health! (Health & HumanServices); Chicago

Scanning Update; Federal NAC Information (BATF, CBP, DEA, FBI, SS, TSA)
 MAY US Coast Guard's New VHF Channel Lineup. Monitoring Super Bowl XLII
 JUL More on Federal Interoperability. The "25 Cities Project"
 SEP US Coast Guard Auxiliary. Federal Frequency sources; Secret Service channels? Political convention preview.
 NOV Listening In on the Political Conventions

FIRST LOOK

JAN HD Radio Round-Up (comparison of all 7 HD radios)
 MAR The GRE PSR-200 desktop/mobile scanner
 APR The Tangent Quattro Table-Top Internet Radio
 MAY West Mountain Radio RIGBlaster Pro digital interface
 JUN GRE PSR-600 - A Lot of Scanner for the Money
 JUL Sangean WFR-20 Wifi Radio
 AUG Butel ARC-500 Software
 SEP Radio Shack Accurian Portable HDTV
 OCT Alinco's DM-330MV Power Supply
 NOV Kaito's Voyager
 DEC Grund Satellit 750 - Eton's Flagship Radio

GLOBAL FORUM

JAN No More Freqs for SW Broadcasting (WRC-07)
 FEB DRM to Invade Tropical Bands
 MAR VOA Special English Changes Word List
 APR Another SW Stations Coming to Tennessee
 MAY The Curious Case of Radio Solh
 JUN Implications of Chinese Jamming
 JUL Remember to Call Her Deborah (Deborah Ray, once Dody Cowan)
 AUG Singapore Shutting Down Station; More Stations Imperiled
 SEP What's Happening with DRM in the USA?
 OCT The Complex "Erithiopia" Shortwave Scene
 NOV Radio Netherlands Cancels SW to NA
 DEC Less English from Sweden, Canada, Taiwan

GLOBALNET (new column)

- APR Welcome to the Exciting World of Internet Audio and Video; Worldwide broadcasting; web portals; more than just broadcasters (countries on the internet; internet resources; "Coast to Coast" streaming on the internet)
- MAY VoIP and Ham Radio: IRLP; WIRES-II; eQSO; Echolink
- JUN Scanner Monitoring on the Internet: Equipment; Scanner Portals; Teamspeak; Shoutcast. Reader Feedback.
- JUL Monitoring the Aero Bands via the Net; World Wide Internet Television
- AUG Monitoring the World of Weather
- SEP Powerhouse AM News Broadcasters; Public Safety Scanning via Reciva; Topeka Public Safety on line
- OCT Spooky, Out of This World Audio Streams (natural radio, meteors & planets)
- NOV Are you searching for some football? (+ flagship station websites)
- DEC Internet radio, through a radio! (Shopping list for wifi radios); New radio hobby hangs in the balance (music royalty battle)

LETTERS

- JAN New Comm editor; no offense intended (Nov cover); new NRC address; data on digital TV; a grateful Canadian
- FEB Reader Challenge; Powel Crosley correction; Keep Historical articles; Cedar CA Fire Rubber-Tired Trains? Kudos; Battery Charger Caveat; Leave it on in Winter; New batteries and homebrew tubes; Elusive interop
- APR Introducing GlobalNet; Use Less Power; Guam LDOC; RDFing a "terrorist" on FRS; Cycle 22, How Good Was It?
- MAY MT's amateur radio edition; Grove/MT donation; MT at NASB; Corrections; High flying ham
- JUN A Challenge to Digital Geeks; Two Questions about Digital TV; Rant and Rave; Great Propagation; PSK - It's a Community
- JUL MT at NASB, Excerpts from NASB; May issue Kudos; Antec Notebook Cooler; How I Found MT Express; Art Bell Fan; Used SW Receiver needed
- AUG Thanks for your Generosity; John Musgrave's Adventures with the Bionic Ear
- SEP Welcome to AM DX Season; Internet over Power Line interference; Spec Event Station; HDTV and correction; Antenna Principles; SHAREing Wisdom
- OCT Spooks, Spies, and other Weirdos; What's happening in CB?: Those for whom internet is not an option

- NOV Welcome new GlobalNet columnist; Feedback: Bletchley Park, WBCQ; More Canadian Content? RCA Historical Station Bletchley Park and Alan Turing; Digital TV Transition; Below 500kHz

MILCOM

- JAN 380-400 MHz LMR Frequency Update; US Army Trunk Systems (part 2); HF Military freqs
- FEB Monitoring the Jacksonville ARTCC; New York ARTCC; Air Force Tanker Callsigns
- MAR Milcom Mail Call: Ft Campbell KY; Hill Air Force Base UT; New Boston gone digital; Milair Spectrum Hole IDed; McChord AFB TRS; Unknown DoD EDACS in Louisiana
- APR Monitoring South Florida Milcom; Russian Navy Freqs; SkyNet 5B on the Move; NAF Atsugi Japan; Jacksonville area LMR Trunk Systems; Hickam/Pearl Harbor Freqs; New Zealand/Australian Military
- MAY Milcom in the Pacific Northwest: Dod Enterprise LMR system in Washington state, repeaters and talk groups
- JUN Thunderbirds Use New VHF Frequencies; UHF Frequencies Change at Boca Chica; More Frequency Changes; HF Military Frequencies (worldwide)
- JUL Monitoring Montgomery Military: Maxwell ADB, Alabama Air National Guard. Civil Air Patrol Update; New LA Air Force TRS; Camp Atterbury IN Frequency Profile
- AUG Monitoring the Hurricane Season: Aircraft; Katrina; Freqs/Callsigns
- SEP USAF Space Command trunk system; Monitoring the Military Command Post (1)
- OCT The X-Files Radio Net; Monitoring the Royal Navy; Georgia invaded (Georgia military freqs); US Navy ship decomm list
- NOV Crisis Monitoring: ALE freqs and addresses monitored from Brasstown NC; COTHEN
- DEC Monitoring the Military Command Post (2)

MT HELP DESK

- JAN What are the new government land mobile band plans? (VHF-lo, VHF-hi, UHF sub-bands)
- FEB Recording freq with audio; scanners allowed at Nellis AFB? Why new signals suddenly heard? How to monitor FSK or PSK on scanner. Website to ID ALE addresses? Will there be a scanner for OpenSky systems? What service is on 5550 kHz USB?
- MAR Problems programming BCT 8 for 800 MHz Type II; Corpus Christi signal on 408.325 MHz; Aviation reference to "crossing Magic"?

MT REVIEW

- JAN The LaCrosse BC-900 smart battery charger
- FEB COAA software: OrbcommPlotter & PlanePlotter
- MAR COAA software: Radio Clock and BeaconSee
- APR Com One Phoenix Portable Internet Radio
- MAY AOR AR-ALPHA Wide Coverage Receiver
- JUN Diamond Cut DC7 audio software - Working digital magic on analog audio. Part 1 - recorded audio/vinyl records
- JUL Using Diamond Cut 7, Part 2 - Live Audio Clean-Up
- SEP Kaltman Creations RF Spectrum Analyzer/Olympus Digital Recorder
- OCT Performance HF Antenna
- NOV Xtal Set Society Step Attenuator Kit

ON THE BENCH

- JAN Recycled Technology: reusing a case
- FEB A Simple Shortwave Tuner Project
- MAR Antenna Switch
- APR Calibrating Azimuth Mounts Using Solar Shadows
- MAY SAFETY- Priority One!
- JUN Field Day Bonus Project: "Twin-Tee" audio oscillator
- JUL Kick the Headphone Habit with Bluetooth
- AUG Assemble Your Scanning "Go-Kit"
- SEP Builders' Templates
- OCT An EASY Power Supply
- NOV Tracking the Elusive HD FM Signal
- DEC Are all 9V Batteries the same?

ON THE HAM BANDS

- JAN Back to Basics in '08 (ARRL Low Power Communications) with 40-m CW Cub tx kit
- FEB Do You Know How Much You Know? (test yourself); amateur radio continuing education
- MAR GRAB and GO!
- APR Teeny Weeny Two Band Transmitters; Book of the Month: GPS and Amateur Radio
- MAY A D-STAR is Born
- JUN Field Day Dividends
- JUL Make Your Fest a Festival (tips for a better hamfest)
- AUG Helping Those Who Helped Us Along; Book Review
- SEP Communications? or Technology? ARRL Mini Logbook; the Poqet PC; Palm PDA; Asus EEEPC. Book review: ARRL Hands-On Radio Experiments
- OCT October Olio: The Last HOPE; Road ID wristband; D-STAR System Update; ARRL VHF Digital Handbook
- NOV Back to *The Mode*
- DEC Simple Gifts

OUTER LIMITS

- JAN Weiner Clarifies Stance on Pirates; NY Pirate holiday; Clandestine in English; Indians and Yankees
- FEB East St Louis Toodle-oo; ACE clarifies new web site; 1181 kHz carrier; Belfast zip code
- MAR Pirate Busts Hit All-Time High; two non-FM FCC actions
- APR Voice of the Voyager, a Pirate Radio Pioneer; FM Pirate Bust; Laryngitis Web Site; 1181 kHz Carrier; Another Odd Signal; Colin Dixon Passes
- MAY Massive Pirate Radio Bust; Odd South Pacific Signal; Voice of Mojahed; Omaha FM Pirate; Int'l Radio Report; Family Radio Relay? On the Shortwaves website
- JUN *Pirates Week* Podcast from Ragnar Radio. Pirat Radio Film; Barretina Website; FCC Cancels \$10,000 Fine; BLANDX Updated
- JUL Strom Gets 23 Months in Prison
- AUG Atlanta Braves Baseball on Pirate Radio Stations; Pirate Transmitter Web Site; Radio Barretina Closes; Retirements; Clandestine Radio Watch
- SEP Commentary on Pirate Flame War
- OCT Pirate Flame War Subsides; Insinger wins contest; Jamming; Halloween; FM Pirates
- NOV Pirate DX Season Returns; Chinese Pirate!; Brooklyn Pirate Fined; WBCQ Covers Pirates; Chavez Shuts Down "Pirates"
- DEC Pirate Cat Radio; Antenna pirates; holiday pirate DXing; pirate web sites

PROGRAMMING SPOTLIGHT

- JAN Russia: A Re-emerging Super Power
- FEB Canada, Eh?
- MAR A Trip to Germany, Austria, and Switzerland
- APR All that Jazz: Poland, Germany, Russia, Australia, United Kingdom, China, Canada, United Statesw, Cuba. Update on Language Lessons.
- MAY Science in the Spotlight: CBC, Radio Australia, DW, Radio Netherlands, Radio New Zealand, Voice of Russia, BBCWS, Various
- JUN Small Nations, Booming Voices: Radio Prague, Radio Sweden Intl, Radio New Zealand Intl; Genealogy on your Radio; Voice of Russia, "Me and My Family"
- JUL Sounds from "Downunder" - Radio Australia and domestics
- AUG Rock and Roll Music: Old Time R&R; More than Just Oldies
- SEP Vote Early, Vote Often! (election coverage and politics around the world)

- OCT Make 'em Laugh: humor programming from BBC, Canada, US, and global
- NOV A Zeal for New Zealand
- DEC Sun, Fun, and a Tropical Christmas: interview with RNZ's Phil O'Brien; Christmas in Asia; in Caribbean; BBC, Canada, Europe and Americas; New Years Celwebrations

QSL REPORT

- JAN The Future of QSLing (e-methods)
- FEB It's About Time - QSLing Time & Freq Stations
- MAR Transmitter Chasing
- APR Staying Current with QSLing Trends
- MAY Summit DXing for the Mountain Goats and Sloths; Islands on the Air; ARRL Logbook of the World
- JUN New Cards in Queue
- JUL Hot July QSLing (logs only)
- AUG The Lure of the Lonely Lighthouse
- SEP Twenty Years and Counting
- OCT Prime Listening in October
- NOV A country List that Works!
- DEC Holiday Listening - Reference Books

RADIO RESTORATIONS

- JAN The BC-348 Begins to Talk
- FEB The BC-348 Awakens - Sort of
- MAR Aligning the BC-348
- APR Finishing Touches for the BC-348; From the Readers; A Remarkable Video
- MAY The BC-221 Frequency Meter - Our New Restoration Project
- JUN Reading the BC-221 Frequency Dials
- JUL Power for the BC-221
- AUG Firing Up the BC-221
- SEP BR-221 Project: It's a Wrap
- OCT 1929 Breadboard Transmitters: 4 typical circuits
- NOV Restoring a 1957 Novice Transmitter (WRL Globe Scout 680)
- DEC First Look at the Globe Scout 680

SCANNING REPORT

- JAN Resolve to Scan Something New. Rushville IL; Illinois StarCom21; Illinois state police; additional IL resources; BC245XLT; Scanner programming and control; Atlanta GA
- FEB Scanning in Wisconsin: Racine, Muskego, Waukesha Co; Trunking Types; Radio Frequency Lists; Bearcat BC796D; Mower Co MN
- MAR Radio Scanning, Limited. Salem OR police scanning (freqs and equip); Peoria Co IL chooses OpenSky system; PA, NY, Oakland Co MI OpenSky systems
- APR How to be a Frequency Sleuth: Clovis CA; Jasper IN; Dakota Co MN; PRO-2055 scanner

- MAY The Changing Scanner Landscape: New York; Montgomery County TX; Longview TX; Clarksville TN; Dayton Hamvention
- JUN Scanner Mismatches: Connecticut; Florida; West Bend WI
- JUL The Pros and Cons of Older Scanners. Ontario Canada; Ohio; Listening to more than public safety; Nassau Co NY
- AUG Open and Closed Mode Scanning, Control Channel Only; Pinellas Co FL; Virginia
- SEP Is it Time for a Change? Bearcat BC-92XLT; University of Missouri; Columbia MO; Alabama; Opelika AL; Lawton OK
- OCT National Emergency Communications Plan. Wash Co MD; Jefferson Co WV; Marin Co CA
- NOV No Free Ride with ESK? EDACS Security; ESK Capable Scanners. GRE and Uniden Updates. Private Network B ootlegging. APCO Scanning; St Louis P25 System.
- DEC York County and P-25 Standards; Coast Guard and P-25; New York; Monitoring Wildlife

UTILITY WORLD

- JAN Tugs to Teleprinting: 21st Century Maritime Radio - Crowley Maritime, 500 kHz Morse, KKL
- FEB No HF Changes at 2007 Radio Conference (4-10 MHz decisions; maritime services; other new amateur bands); Winter is Beacon Time!
- MAR Get Ready for Solar Cycle 24! Cuban RDFT is Back
- APR Acarsd: Tracking Aircraft with HFDL
- MAY US Coast Guard Continues HF Weather
- JUN USCG Information Schedule; Good-bye USCG Telex; Hello eLoran; New US military Contract
- JUL CAPS: Fly through the Ionosphere with Me. Cuban numbers thunder in the morning; Is Cycle 24 a Dud?
- AUG Everything You Wanted to Know about Cuban "Numbers"
- SEP E10: Spooky Letters from Israel; PLC Trouble Ahead?
- OCT North Atlantic Air Route Communications, Oceanic Air Communications
- NOV Power Line Networking Battle Continues, Limited Protection for Listeners, US Listeners be Prepared
- DEC East Pacific Aeronautical HF; Pacific VOLMET

WHAT'S NEW

Books, CDs

- | | |
|--------------------|-----|
| ARRL Handbook | Jan |
| ARRL Handbook 2009 | Dec |

ARRL Hands-on Radio Experiments	May
ARRL HF Digital Handbook	Feb
ARRL Instructor's Manual	May
ARRL Low Power Comms	Jan
ARRL Repeater Directory	Oct
ARRL VHF Digital Handbook	May
DSWCI Domestic BC Survey	Jul
International Callsign Handbook	Oct
Int'l Callsign Handbook (review)	Dec
Klingenfuss Radio Data Code Man	Aug
Klingenfuss Shortwave Freq Guide	Mar
Klingenfuss Super Freq List on CD	Mar
NRC AM Radio Log	Sep
Passport to World Band Radio	Jan
Pennsylvania Train Stations DVD	Jan
South Florida Frequency Guide	Apr
Starting Your Career in Broadcasting	Feb
The Great Radio Sitcoms	Jun
World Radio TV Handbook	Mar
Xtal Set Society newsletters	Jan

Business news, Software

ARRL National Exam weekends	Feb
DX Bulletin Reader 1.0	Oct
Hamcalc	Jun
Hamcalc v101	Sep
Logger 32	Aug
MultiPSK 4.9	Aug
Sunair/FlexRadio Agreement	Feb

Equipment

AOR Releases AR-Mini Handheld	Nov
Bearcat BC-95XLT Scanner	Feb
Icom IC-92AD VHF/UHF Tx	Apr
Icom IC-7200 HF+6m Tx	Jul
Sangean WFR-1 wifi radio	Sep
Uniden Updates Scanner Line-Up	Nov
Yaesu FT-950 HF/50 MHz Tx	Feb
Yaesu VX-8R HT	Jul

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Amateur Radio

Watchful Eye on the Sky	Apr
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Freq Coordination in Ham Service	May
Digital Software for the Digital Radio World	May
Howard Hughes, Ham Radio Operator	Aug
Expert's Guide to Buying an HF Transceiver	Nov

Broadcast

New Wave Shortwave via satellite	Jan
QSLing Brokered Broadcasts	Feb
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HD Radio's Long and Winding Road	Aug
Radio France International	Sep

Internet Audio Streaming

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Air Raid on Pearl Harbor: December 7, 1942 as reported by radio	

Scanning

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Meet the QSL Mistress – KSM	Sep

AMERICAN BANDSCAN (even months)

FEB	The Disappearing Radio? Analog TV not dead yet? FCC Notes; Canadian notes; Mexican notes; Callsign weirdness; Shipboard DX
APR	Money and Radio; Analog TV: maybe not dead yet? FCC notes; Canadian notes
JUN	Ham Antennas and AM DX; Analog TV: maybe not dead yet? FCC notes; Canadian notes; AM Bandscan Station Report
AUG	And now a word from your local station . . . ; HD Radio notes; Analog TV: dead, I think; Canadian notes
OCT	"Translating" AM and FM; Analog TV: Dead; Canadian Notes; AM Bandscan Station Report.
DEC	Tough Times for "Community" Radio; Another Military AM Test; New AM Radio Log; Analog TV: Dead. But what about audio?; Canadian Notes; Letters

ANTENNA TOPICS

JAN	Impedance Matching for Antennas and Feed Lines
FEB	Antennas which neither Communicate nor Broadcast
MAR	The Many Faces of a Dipole
APR	It's a wonder they work at all! (antenna problems and solutions)
MAY	Antennas for the Radio Amateur
JUN	Antennas, Accidents, and Astronomy
JUL	Something very different in Antennas (small antennas)
AUG	Antennas and Resistors
SEP	How to Deal with Received Noise
OCT	A Noise that Improves Antenna Performance

NOV	Build Your Antenna Library and a VHF-UHF Antenna
DEC	Tree Antennas for Christmas and an All-Band HF Antenna

ASK BOB

JAN	How to find local broadcasters; calculate element lengths for scanner antenna; why are whip antennas tapered? Jump starting a dead battery; blocking RFI from neighbors' comms; will grounding prevent static?
FEB	H-800 Skymatch with Eton E-1? What causes global warming? Did QEII receive a WWII Morse code message intended for QE!? Adapter for older radios which have 3 posts?
MAR	CFL bulb wattage equivalent; rounded plug vs RF ground; erratic scale readings; converting 5-tube AM rx to receive SW; can unblocked scanners decode cellular signals? Can old TV antennas be used for scanner reception?
APR	Repeat of March column. Due to a layout error we repeated the March column. We apologize for this error.
MAY	Hazard of the All American Five; Legality of using a ham HT for other services; Power and frequency limits of Grove Scanner Beam for transmit; Receiver advantages of USB/LSB vs SSB; Protecting a multiband portable from EMP
JUN	HT Antennas for NOAA weather reception; Does the FCC bust CBers with linear amps; How to improve an antenna for HDTV reception; Thermal switches in Uniden scanner battery packs; Spy number station harmonics in Europe on VHF low band; Receiving earth signals on the moon; What does Roger Wilco mean?
JUL	Aircraft engine bird protection; Difference between dBd and dBi; Length of a Beverage antenna; Which scanner to use for airshows; GRE 3001 VHF preamp overload solutions; AC vs DC and can I roll my own DC
AUG	Alternative energy sources; Jacob's ladder (climbing spark generator); Tuner help shortwave reception; How do I know if my coax is shorted; Are yellow fluorescent lamps still made?
SEP	Radio with Digital TV audio capability; What does the RG-174/U coax letters mean?; Monitoring telephone calls by the government; How digital will effect shortwave listening; How to

OCT test stereo speakers; GRE PSR-500 narrowband filter.
Battery chargers; Hearing lightning strikes; Neutral and earth ground voltage; Diversity reception; Are all gases invisible?

NOV Atomic Clocks on 60 Hz; What should I use for a noise antenna?; How often should I replace my coax and should I replace RG-6/U with LMR-400?; Electrical plug-in for outdoor antenna; Can I use a Slinky® for an antenna?; Have emergency communications all gone digital?

DEC Has alcohol replaced mercury in thermometers?; How much voltage is in a static electricity discharge?; Should I use dielectric grease or an anti-oxidant on my antenna terminals?; How can I tell if my hotel room has a wall peep hole?; How do you convince your wife to let you buy an expensive scanner?; Are there any DTV channels left on VHF?

BELOW 500 kHz

JAN Let's Get Digital: QRSS

FEB Mailbag & News: VLF on Your PC; LWBC Catches; Best antenna?; WinRADiO on LF

MAR Antenna Observations

APR RDFs Revisited

MAY LORAN-C Going QRT

JUN Your Letters Addressed; Daytime loggings

JUL No Sunspots? No problem; Tips for better LW reception; LF Propagation Site; SAQ 17.2 kHz Schedule; Mailbag

AUG Summer Survival on LW; Mailbag; Loggings

SEP LF Receiving Antennas, Part 1; Loggings

OCT Underground VLF and Uncovering Noise; 500 kHz Experimental License; Deep Down VLF; Unplugging from the Grid, New Book: *Demystifying Radio Frequency Interference*; Loggings.

NOV LF Receiving Antennas, Part 2; Loggings

DEC Through-Ground Radio; SAQ Broadcast, Dec 24th

BOATS, PLANES, and TRAINS

JAN BOATS: Cold Weather and Hot DX! Tuning in 2182; MultiPSK; Around the Bands; Going Digital; Boats for Beginners

FEB PLANES: AirNav.com - A Resource for Aircraft Listeners

MAR TRAINS: Reception Range? It Depends...

APR BOATS: Radio on the Waves

MAY PLANES: DXing General Aviation UNICOM

JUN TRAINS: The Best of Times, The Worst of Times

JUL BOATS: Radio waves and water waves; Amateur radio; Summer

AUG DX: The world of communications is changing

SEP PLANES: Handoffs and Simulcasting

OCT TRAINS: Amtrak Photo PolicyL An editorial

NOV BOATS: Marine VHF Winter Freeze-Up; Severe Weather; Marine Radio Historical Society; Lighthouses.

DEC PLANES: "Black Boxes" Cockpit Voice and Data Recorders

TRAINS: Narrowband Railroad Channels; Dispatcher Districts; Shared Views

COMMUNICATIONS

JAN ARRL says Nix to DRM on 40; City Forced to Buy BPL System; Kitty High Jinks on 40 Meters; Action on 600 Meters; DXpedition to Desecheo Island; Rolling Helicopter; CHP vs. Cell Phone Ops Revisited; Cell Phone Aids Boat Rescue; KGO-AM Goes Solar; WorldSpace in Chapter 11; Great White (space) Hope

FEB 40 Meters, All Amateur All the Time; FCC Grants HF Renewals; FCC OKs Experimental Stations. Scanner Listener Saves Child's Life; Ohio Multi-Agency System Crashed; AM Info Channel Debuts in Skokie; IBM to Sink Millions into BPL. US MilSat Goes on the Blink; Nigerian Broadcast Satellite Defunct; \$14,000 for No Fence. Broadcast Radio's Worst Year since 1954; Internet Radio Changes; Tweeter Leads Circuit City to Oblivion; Broadcast Related Businesses Plummet.

MAR BBC and DW launch MW DRM; Shrinking Ionosphere; 2008 Sunspot Flop; Ham Antenna Victory; Boston Police Radio; Cleveland System Down (again); High-Tech Knuckleheads.; Disgruntled WRIU-FM Listeners; DTV Shambles; The Unemployment Channel; Down-sized CES; Toys 'R' Us Radio Recall.

APR Hams Aid Storm Victims; FCC Names Hollingsworth Replacement; Vatican Radio in Local Health Flap; ARRL Seeks to Mold Legislation; DTV Switch Delayed: It's On, It's Off, It's Both!; OpenSky Woes in Milwaukee; Glitches Plague Aging Cleveland Radio System; NOAA-19 in orbit; Tales from the Monopoly Zone; Cable Companies Nationwide fined; L-P College Station Flunks FCC Exam; Radio Stations Win FCC Fines

MAY ARRL: IBM's BPL Plans OK; Bomb Squad Blows Up Ham Gear; Indy Cops Gone Wild on 2M; Scanner Listener Helps Nab Crooks; Iridium and Russian Satellites Collide; Pollution

JUN Detecting Satellite Now Trash; Sirius/XM Saga: Last Second Reprieve; DTV Switch Lurching Ahead; Tallest Broadcast Tower Proposal; R.I.P. Muzak?; Incomplete Public Files? \$7,200; Harris Corp to Buy M/A-Corn; All-in-One Chip for DRM & HD; ARRL Skeptical of Rural Internet Proposal; LA Parish to rely on Hams; DTV Conversion (Finally!); Orange Co FL SWATs FM Pirate; FCC Gives 1st Responders 4.9 GHz; Brazilian Bootleggers Chased off U.S. Milsats; FL DoT to Use CB for Emergency Info; U.S. Military to Track 800 Satellites by October; Sirius to Augment its Signal; FM Pirate to FCC: "Not My Signal"; FM Station Loses in Contest with FCC; Consumer Corner (recalls): RS Light Rocker switch, Insignia 26" flat panel LCD TV sets, Best Buy's Rocketfish portable power supply

JUL Navy-Marine Corps MARS to Disestablish; HR2160 Seeks to Help Hams; Poll Rates BBG "Worst Place to Work"; CA Student/Hams Sweep Science Awards; Windsor Silences Scanners; Cleveland's Unending Police Radio Quagmire; Boating this Summer? Be Prepared; FCC to reform Am & FM License Rules; HD Radio Lurches Forward; the Hidden Dishes of Cuba; Iran's Space Woes; Just What Iridium Needs: Competition; XM Board Smells the Coffee; FCC: WDTI-TV, Where are You?

AUG U.S. Couple Charges with Spying for Cuba; DRM Portable Available; The "Don't Blink" Solar Cycle; GAO/GPS Report Causes Media Panic; Is Your Cell Phone Spying on You?; Appeals Court Backs LPFM Community; AT7T Launches CruiseCast; Rural BroadbandL FCC Priority; Smith Cracks Down on Bootleggers; "Destitute" AM Station Fined by FCC; Consumer Corner: Circuit City Rises from Grave, Fluke Digital Clamp Meters Recalled

SEP Two New HF Stations Granted, WX4NHC's Amateur Radio Test, 15 Year-old YL Top Texter, Ulysses Shut Down After 18+ Years, DHS Nixes Domestic Spying Program, Sea Launch Bankrupt, Satellite/Cable Bills Buck Economy, DTV Switch No Pay-TV Payday, NYC Jazz Station to Draw One Million New Listeners, Midland Radio Fined \$21,000, GMRS License Fee vs Fine.

OCT ARRL Nails FCC on BPL Issues; KY County Sponsors Ham Class; DRM-FM Tested in Paris; DTV Coupon Program R.I.P. ; FL Reading Service Funding Victim;

NOV Recording Artists Seek FCC Help; ISS to De-orbit in 2016? ; New Satellite Finds Earth-like Planet; Satellite Messenger from Space; New In-Flight Wi-Fi Gets FCC OK; PA County Fed Up with "OpenSky;" CTA Bootlegger Arrested; Mall Radio Jammer Busted; Companies Cited for Selling Illegal Gear.

NOV Tale of Two Antenna Companies; FCC Grants Experimental Licenses; KHCM-AM Goes CRI; Pirate Cat Radio Gets City Approval; California TV Station Can Air 20 Channels; Eco-Terrorists Blamed in Downed Towers; BusRadio? What Next!; Chinese Satellite Debris Haunts ISS; Cash-strapped City Taxes Dish Viewers; New GPS Sat Goes Live; San Antonio Scanner Channels Restored; Scientific American Examines Interoperability; 7,432 Cell-phone Drivers Ticketed in NYC; Bug-Killer Radio

DEC Pressure to Close Radio Prague; Library Turns Town onto Shortwave Radio; Antenna Accident Kills 3 in Family; NPR Supports HD Power Increase; More LPFM Stations Coming; BusRadio Crashes; Omaha Backs Down; Satellite to replace Air Traffic Radar; iPhone App Wows Geeks; Windmill Could Power Cell Towers; Martin Rides Revolving Doort; Smiths Warns on Obscene Language; FCC to WAQY-FM: Game Over

COMPUTERS & RADIO

JAN Trying Out RadioCom 6 (part 2); Goodbye Vista? Already?

FEB Computer Password Security and Biometrics (Microsoft fingerprint reader)

MAR An "Atom" Powered PC for Radio Enthusiasts

APR Unfinished Business: RFPC running an SDR: The Problem with Windows versions

MAY The Tiny USB Muzee

JUN Two free and useful radio tower applications: FCCinfo and ZIPSIGNAL

JUL Touchatag: RFID for Home Use

AUG What's All the Fuss about "Netbooks"?

SEP Shortwave QSOs – No License or Equipment Required

DIGITAL DIGEST

JAN More on NATO Encrypted RTTY. Bandscan: 13000-13500 kHz

FEB Marines on Exercise and Ecuador on HF: Exercise Red Reef; Mexican PEMEX Network; Another Ecuadorian Navy Frequency; Rogue US Coast Guard transmitter

MAR Looking at the BEEs (BEE modem)

APR Chilean Police and Swiss Diplo Service

MAY May Mixed Bag (PEMEX voice; USAF Rockwell TE204 modem; Colombian Clover-2000

JUN Listening in on the National Guard's Civil Support Teams

JUL The Mexican "M42" Network; Internet Relay Chat (IRC)

AUG US Civil Air Patrol ALE Network; Ecuadorian Navy using Mil-Std-188-110A; 10266 kHz Mystery Net

SEP Digital Utility Mysteries Solved: The M42 Network Revealed and HF Transmissions from Cutler ME

OCT Decoding Software and the Hobby Market; Ecuadorian Navy Update; Technical Handbook for Radio Monitoring HF.

NOV Maritime Listening with SITOR-B; STANAG 4285 Independent Sideband Transmission

DEC US Naval HF Broadcast Network; Canadian Forces Stanag 4285 Transmissions

EDITOR'S SOAPBOX

OCT Introducing First Person Radio

DEC MT Reader Survey Results

FIRST PERSON RADIO

OCT In the Right Place at the Right Time – Bob Heil, K9EID

NOV A Life of Service in Amateur Radio – Harry Daniels, W2HD

DEC Reading, 'Riting and Radio – Carole Perry, WB2MGP

THE FED FILES (odd months)

JAN Feds Make the Slow Move to Digital: Federal NAC information; Regional P-25 Networks; New York FBI Lineup

MAR A Cloudy Future for the IWN? Justice Communications Budget; DEA Situation; Arizona Fedcom

MAY Inauguration and Super Bowl Wrap-Up

JUL A Fed Files Summer Vacation: Area reports from Asheville NC; Augusta GA; Boston MA; Chicago IL; Las Vegas NV; Lexington KY; Los Angeles CA; Miami FL

SEP In Search of the Great White Whale

NOV 2009 Fed Files Wrap-Up: More on the Great White Whale; VHF Mystery Networks; UHF Mystery Networks

FIRST LOOK

JAN Grundig G6 Aviator

FEB AOR AR-Mini B scanner

MAR ARRL Basic Antennas. AOR AR-STV Wireless Camera Detector

APR Ultra-Rx1 Ultrasound Receiver Kit

MAY Ham Antennas by Par Electronics

JUN Uniden BCD396XT Handheld Scanner

JUL Icom RX-7 Handheld

AUG Grace Digital Audio: GDI-IR3020 WiFi radio (Internet Radio)

SEP Perseus Software Defined Radio: A Whole Universe of Listening Possibilities

OCT Degen DE1103/Kaito KA1103 – A Second Look

NOV The Uniden BCD996XT: 21st Century Scanning Technology

DEC Roberts Revival R250 AM/FM/LW Analog Radio

GLOBAL FORUM

JAN Romania becomes a major signal

FEB Will Obama's Admin Reform US Int'l Broadcasting?

MAR Utility Intrusions into the SWBC Bands

APR Madagascar Uprising Disrupts SW

MAY Gains and Losses for SWLs

JUN Downsizing in Chile, Turkey. . .

JUL China's Mixed Feelings about Shortwave

AUG Save Shortwave – Run Commercials

SEP Sino-Swearing on Shortwave

OCT Working for Radio Habana Cuba vs China radio International

GETTING STARTED: Beginner's Corner

JAN Guide to Tuning the International Space Station

FEB The Big DTV Switch & School Club Round-Up

MAR Ten Meter Beacon Band

APR The Allure of SW Radio

MAY Jump Start Your New Ham Hobby

JUN Beginners Guide to Baseball on the Radio

JUL Shopping for a SW Radio, Useful Spam, Ham Radio Scholarships

AUG Eight Common Beginning Ham Myths

SEP Better Audio from Your Shortwave Radio

OCT Complain, Complain, Complain (FCC Consumer Protection)

NOV How to Beat the Dismal Sunspot Cycle: Go Digital

DEC Readers Write About: DTV, HD-Radio and Shortwave Audio; FCC Comments and Complainants Update

GLOBAL NET

JAN The search for something worth hearing

FEB What's Happening "Down Under"? Internet radio in the palm of your hand. Reaching into the mailbag.

MAR Los Sonidos de Bolivia! WiMax revolution.

APR Storm Season in Tornado Alley

MAY Hopping the Islands of Hawaii

JUN Sounds from the "Emerald Isle"

JUL Happy Birthday America: Guide to Streaming Washington DC

AUG Mobile Internet Radio – the Push for Portability; Cruising the Net, in your car?; Clear Channel gets

SEP help from artist; Performance royalty debate heats up
Want Your ITV?, A Webcaster Deal Struck

OCT Internet Radio Gadgets Galore: My new portable radio – the iPhone 3GS (iHeartRadio, ooTunes, Radio Apps) ; Want a Blackberry Free from Slacker?; Wi-Fi Radio Options in the Home.

NOV Looking for South Africa? Try the Internet!; Internet Radio Bucks the Trend; One Stream to Rule Them All; LAUNCHcast wins Appeal; New WiFi Radios Hit the Market

DEC How Much is that Player in the Window?; Apple Goes FM; NPR Releases its own WiFi Radio; Senate panel okays royalty fees

LETTERS

JAN Happy New Year; A Life-Long Hobby; Memories of Mort WB2ZWI; On the Net; Finding Big Band Music; Radio Comparison

FEB Busted for cheap cable amp; Alternative DTV antenna; MT a Great resource; Remembering WCC; Multi-Reader help needed; MT Express for Success

MAR ODXA Discontinues Publication; Resource for Online Hobbyists; 9 Lives for Pirate Cat? Remembering RNI Sarah

APR April Foolishness; Antenna tuner for longwaves; Aero performance of aviator?; US prices for Bonito software; Radio telescope clothesline?; Rebanding?; Unusual antenna; Alternate email address; Rob Harrington, N0POH SK; John Wrisley, Grove Enterprises Engineer SK

MAY Corrections; Celebrating Amateur Radio; Contact with Extra Class, KS3P; Signals from Space-Kenneth Hill; Real Amateur Radio by John C. McGrath, N9AMI

JUN Pacific Radio; Dissension in Paradise; Mobile Scanning in Kentucky; Mobile SW Listening

JUL Narrowbanding; Finding Frequencies; Monitoring Ultrasound; Streaming the Classics; Monitoring Monthly magazine folds; Hawaiian geography lesson; Remebering D-Day

AUG You Speak, We Listen (MT Reader Survey)

SEP MT Express Expands Language Coverage, Passport to World Band Radio in Limbo; New Features Editor, Farewell to John Catalano, Thanks for the Reviews, Preserving Maritime Morse Code, Exploring Newer Modes, Airshow Kudos, On Baseball, Get with MT Express.

OCT MT Welcomes Ken Reitz to Its Editorial Staff; The Sky's the Limit; Global Forum Completes a

Long Run; Coming Up: Foreign Languages; Perseus Review Update; Handheld J-Pole.

NOV September's Mystery Antenna

DEC Yuletide Greetings; Thanks for MT Express; Antenna Photo of the Month; Antenna Query Solved

MILCOM

JAN Change! Military frequencies are changing; Inter Squad radios; METRO freqs changing; DoD milair wideband freq changes; T-Bird VHF freq changes; DoD VHF LMR bands changing

FEB Coast Guard / COTHEN Comms Merger?; US Navy Logistics Aircraft Change Callsigns; Some Air Force Callsigns Decoded

MAR Airshow Demo Teams Airshow Schedule 2009

APR The US Military on HF

MAY Military Frequency Profile: Fort Benning and Associated Camps; Aeronautical Frequency Changes; Flight Service Stations

JUN Monitoring the Defenders of the Homeland: NORAD

JUL Monitoring the Nation's Capital on the 4th: Guide to 380-400 MHz DC trunk radio systems

AUG Monitoring the Israeli Military

SEP New 380-400 MHz Trunk System Discovered: MCAS Yuma AZ; 380-390 MHz Spectrum Holes; 380-390 MHz Aeronautical Assignments; Latest Milair Frequency Changes

OCT European Military HF Communications: UK Tascomm, NATO AWACS Net, German Coast Guard HF Net; North American VHF/UHF military frequencies

NOV North American Aerial Refueling Frequencies

DEC November-Foxtrot-India-India-Four-Sierra: DoD EAMs revisited

MT REVIEW

MAY Degen DE1123 AM/FM/SW Pocket Radio

JUL Tivoli Audio's NetWorks Global Radio (Internet Radio)

AUG Grundig AN200 Antenna Loop

ON THE BENCH

JAN Antenna Tuner for the Long Waves

FEB "Time's UP!" Ten-minute timer

MAR A Simple Zener Diode Meter

APR Monitoring Ultrasound

MAY Hams Reaching out to Youth (Scout projects)

JUN Working "RTTY"

JUL MFJ-269 SWR Analyzer

AUG A low frequency audio generator

OCT "Sky-Wires & Inhalers" Part 1: Catching Photons

NOV "Sky-Wires & Inhalers" Part 2: From Antenna to Receiver

DEC "Sky-Wires & Inhalers" Part 3: A Random Antenna?

ON THE HAM BANDS

JAN New Years Resolutions for the Ham Hobby

FEB Thaw Out Your Kit-Building Skills; The Club Connection

MAR Living Large on a Tight Budget

APR Numbers Stations (numbers used in CW QSO): FISTS, QRPARCI, SKCC NR, QRP, keyer, 72; ARRL Handbook

MAY Let's Build Something

JUN The N2EI Power and Light Company

JUL First Contact; On the Ham Bookshelf

AUG Summer Solace; ARRL Triple Play; Have you walked your talkie lately; Hope for the future; Speaking of Elecraft rigs . . .; The ARRL Satellite Handbook

SEP Time to Amp Things Up, 6 Metre Handbook review

OCT 10th Month – 10 Meters; *The ARRL Repeater Directory*, 38th edition.

NOV Transversion Conversions and Other Diversions; So What is Up with the Sun . . . Really?; Hey Buddy . . . Got the Time; November is Sweepstakes Month; The Alpha Delta DXCC; Ham Radio Book of the Month: ARRL Antenna Book

DEC Tinsel and Toys

OUTER LIMITS

JAN Radio Euzkadi Returns? Boulder CO Pirate; Books

FEB Clandestine and International Broadcasters Still Needed; Radio Morania

MAR Pirates Week Podcast from Ragnar; 2009 Winterfest; Commando Transmitter; Clandestine QSLs; Numbers on 5882

APR Pirate-Inspired Station Still Silent

MAY The Corsette Transmitter

JUN Clandestine Broadcasting Robust, but Changed; WEAK QSL; Major Pirate Bust

JUL Radio Dr. Tim Raided in Germany; Pirate Week; New Blandx; Johnny Guitarman RIP; Columbus NASWA Chapter, What are we hearing; QSL Pirates

AUG Pirate Radio Movie Opens in August; NASWA Pirate Report; FBI Pirate Bust; What We Are Hearing, Pirate QSLs

SEP Numbers Stations Puzzle National Press, What Your Are Hearing, QSLing Pirates

OCT Thirty-Four Venezuelan Radio Stations Pirates; Expanded Band

NOV The Filipino Monkey – Malicious Unlicensed Jamming; MAC Shortwave QSLs; What We Are Hearing; QSLing Pirates

DEC Tallbam, Commander Bunny and QSLing Pirates; What We Are Hearing

PROGRAMMING SPOTLIGHT

JAN	Poland's Underrated Voice to the World
FEB	Money Makes the World Go 'Round: England, continental Europe, around the world. Widgets.
MAR	A Tour of the Black Sea: Bulgaria, Romania, Ukraine, Georgia, Russia, Turkey
APR	If it ain't Baroque, don't fix it!
MAY	Scandinavian Smorgasbord
JUN	Language Lessons Revisited; Rock and Roll Revisited
JUL	Health Matters
AUG	Toronto's SW Voice and Theater of the Mind (Radio Drama programs)
SEP	More Small Countries, Booming Voices: Croatia, Thailand, Vatican City, Vietnam, Next of Kin
OCT	Be Afraid, Be Very Afraid: "Spooktacular," History Programs Revisited, Science Fiction
NOV	Everything Old is New Again; Modern Echo of a Happy Past; Special New Years Broadcasts
DEC	Endings and a New Beginning; New Years Celebrations

QSL REPORT

JAN	Tips on Follow-up Reporting
FEB	Tales of Tentative Reporting
MAR	QSL Tips and Contesting
APR	QSL "Bytes"
MAY	Fast Track to Amateur Radio
JUN	Vintage Receivers from Radio Romania; June Bits and Bytes
JUL	Holiday DXing for a Sizzling July
AUG	August QSL Closeout
SEP	Name That Tune!
OCT	Tis the Season. . . of the Witch
NOV	Radio Saint Helena ready for annual Party-on-the-Air
DEC	Tune in the Holidays from a QSL Perspective

RADIO RESTORATIONS

JAN	The Earliest Vacuum Tubes
FEB	The Globe Scout: Limited Progress
MAR	The Globe Scout: Making RF at Last!
APR	Globe Scout: It's a Wrap
MAY	An Entry-Level Ham Receiver of 1939
JUN	"Extracting" the S-20R Chassis
JUL	Recapping the S-20R
AUG	August QSL Closeout
SEP	The S-20R Finds Its Voice
OCT	The S-20R: It's a Wrap
NOV	An S-20R "S" Meter and Introducing the BC314/BC-344
DEC	Digging into the BC314/BC-344 Project

SCANNING REPORT

JAN	New Scanners for a New Year. Intermediate Frequencies. Interference. Location-based scanning with GPS. Aerostats.
FEB	Access Denied. ESK in Florida; Rockingham County, VA;

	Oakland County, MI. Radio Shack PRO-2045
MAR	"Unacceptable" for Public Safety Use. York County PA; New York Statewide Wireless Network; Cleveland OH. International Space Station.
APR	Why are US cellular frequencies blocked? Fairfax Co VA; Delaware; 700 MHz
MAY	Control Channel Scanning. Bearcat 250D; Project 25 Systems. Philadelphia Radio Systems; Milwaukee WS; Dayton Hamvention
JUN	Finding Frequencies: Gaston Co NC, Collin Co TX, York Co PA; Radio Refund
JUL	Scanning Rochester and San Diego
AUG	Internet Expertise and Mobile Data
SEP	"Open" and Shut Systems: York County SC, Suburban Chicagoland" Aurora IL, Naperville IL, Illinois Mutual Aid
OCT	Keeping Tabs on Your Community: Scanning San Francisco, Arvada CO.
NOV	Taming Talkgroups; Oswego, New York; LTR Talkgroups; Monitoring Multi-Net; Computer Based LTR Monitoring
DEC	Scanning through the Years; The Villages, Florida; Albertsville, Alabama; Rebanding Motorola Channels; Firmware Upgrades; Customs tables; Albuquerque, New Mexico

SHORTWAVE GUIDE

NOV	English plus Spanish 0000-1200
DEC	English plus Spanish 1200-2200

SKYSURFING

OCT	Radio Astronomy: VLF Detection of the Sun
NOV	Amateur Radio Satellite Report: Operational Analog and Digital Hamsats
DEC	A Brief History of Amateur Radio Astronomy

UTILITY WORLD

JAN	Digital Utilities: The Absolute Beginner's Guide
FEB	British Numbers: Cherry Ripe is Alive! Keeping time; No NRD-555?
MAR	Will there EVER be sunspots again? Software Defined Radios
APR	Canadian Coast Guard Frequencies
MAY	Ham QRP: SW's Hidden Underground
JUN	XSL: Beating the "Slot Machines"
JUL	Demystifying STANAG 4285
AUG	Utility Broadcasting: Wireless Time and Power Control: Standard Time and Frequency Stations
SEP	"Spy" Numbers: The Global Intrigue Continues

OCT	Monitoring Mexico's "Green Angels"
NOV	Around the Bands: Odds and Ends; Kyodo News Lives!; HBG Going Off-Air
DEC	Updated High-Frequency Radiofax List

WHAT'S NEW

Books, CDs, Software

2009 European/North American NDB Handbook/CD	Aug
Argos3 Plotter	Sep
ARRL Digital Tech for Emergency Communications course	May
ARRL General Class Course	May
ARRL Satellite Handbook	May
B'casting on the SW 1945-Today	Feb
Domestic Broadcast Survey	Sep
DXtreme Station Log	Jan
Free Navtex	Feb
Hamcalc v110 Now Available	Sep
Klingenfuss 2010 Products Set for a December Release	Dec
Klingenfuss Super Freq List	Mar
Klingenfuss SW Freq Guide	Mar
Klingenfuss Utility Stn Guide	Mar
Listening on the SW 1945-Today	Feb
MT 10-year anthology on DVD	May
MT back issues sets	May
Multipsk to add Mil-Std 188-110a	Sep
New iPhone App Finds DX Openings	Jun
Passport to World Band Radio	Jan
Perseus databases	May
RadioReference Scanner database	Mar
Sold on Radio	Jun
The ARRL Ham Radio License Manual	Oct
The ARRL Software Library for Hams v3.0	Sep
The NRC AM Radio Log 2009-2010, 30 th Edition	Dec
The Signal Analyzer	Aug
The World Listening Guide	Jun
UCS Satellite Database	May
VoIP: Internet Linking for Amateur Radios, 2 nd Edition	Sep
WRTH 2009	Mar
Yesterday and Today – A 20 Year Retrospective of SW Broadcasting (CD set)	Oct
Equipment	
FLEX-3000 SDR	May
Grundig passive antenna	May
Icom IC-7600 transceiver	May
JRC HF receivers gone	May
MFJ Purchases Cushcraft Amateur Radio Antennas	Dec
MFJ Releases a Pair of Trunking Scanners	Dec
My Marconi Shortwave Crystal Set Kit	Dec
Super-M Ultra Mobile Antenna	Nov
Ten Tec 715 RF Speech Processor	Jul
Uniden scanner update news	May
Miscellaneous	
CHU has something new	Feb
New Stuff - New Look (Grove Enterprises website)	Jul
Yes, Monitoring Times does have a website	Jul

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CQ at 51,000 Feet and Mach .85: Rick Dougherty, NQ4I	MAR
Crystal Set Leads to Lifelong Hobby and Career: Maury Midlo	APR
If You're Old Enough to Read, You're Old Enough to Get Your License: Mattie Clauson, AE7MC	MAY
Life's Been Good to WB6ACU: Joe Walsh, WB6ACU	NOV
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Radio Dreams of a Lifetime: Jack K. Neal, W8AQ	AUG
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2011 RADIO BUYERS GUIDE (16 Page Special in the November MT)

- Buying Radios for Amateur Satellites By Keith Baker, KB1SF/A3KSF
- MT's Antenna Roundup By Bob Grove, W8JHD
- MT's Guide to Buying a Scanner By Larry Van Horn, N5FPW
- MT's Guide to Buying a Transceiver By Kirk A. Kleinschmidt, NT0Z
- Personal Radios: CB, FRS/GMRS By Ken Reitz, KS4ZR
- What to Look for in Portable Shortwave Receivers By Ken Reitz, KS4ZR

REGULAR COLUMNS

BROADCAST BANDSCAN

(Doug Smith) (Even months)

- FEB Twenty Years of DX; IBOC Power Increase; Trans-Pacific from the "Wrong" Coast; Analog TV: Dead.Finally; Canadian Notes; Letters; AM Bandscan Report.
- APR Going, going, gone . . . (CBC AM stations leave the air); New AM Stations; New TV Stations; IBOC / HD Power Increase.
- JUN Going, going, gone . . . (Part 2); TV Odds & Ends; FM & TV skip season; Letters from Listeners.
- AUG With Lots of Watts; Gone or Maybe Not; Interesting Antenna; The Nashville Flood; Letters from Listeners; You'll never know what you'll find at a Hamfest; AM Bandscan Station Report.
- OCT What is the Future for AM? Disappearing Stations and a Publication.
- DEC On the Tube: New Jersey & Delaware; Analog Drop-Dead Date; Unique AM Station to Close; "Un-disappearing" Station; Letters; Strange ID; New DX Publications; Bandscan Station Report.

ANTENNA TOPICS

- JAN You're Using What for an Antenna?: The Tuner's the trick; Hiding the Evidence; Antennas in the Gutter; Go Ahead and Try It!; Grounding Option. (Dan Farber)
- FEB Stealth Antennas: Now You See IT, Now You Don't. (Dan Farber)
- MAR Build this UHF Omni Satcom Antenna (Part 1). (Mike Frye)
- APR The Humble Dipole. (Dan Farber)
- MAY How's It Hangin? Erecting Wire Antennas. (Dan Farber)
- JUN Build this UHF Omni Satcom Antenna: Conclusion. (Mike Frye)
- JUL Down to Earth Understanding Grounding Concepts; AC/D/RF Ground. (Dan Farber)
- AUG The Balcony Bent Dipole – Compact, Stealth, Amazing Performance. (Dan Farber)
- SEP Antenna Designs for VHF, UHF and Microwave (W. Clem Small)
- OCT Fun with Loops – Low-Frequency Listening Made Easy (Dan Farber)
- NOV Stepping Up in the World: Ladder Line (Dan Farber)
- DEC Military vs Consumer Vehicle Antenna Performance – Comparison Test.

ASK BOB (Bob Grove)

- JAN Free-to-Air on a WinRadio; New digital TV sets vulnerable to TVI; Emails delayed; Uniden/GRE scanner sensitivity on railroad freqs; Operating two scanners from one Grove scanner beam;

- Voltage regulators to protect computer equipment; Required SATCOM equipment on ocean going ships.
- FEB Small dish satellite signals interrupted by bad weather; Is 12 volts enough to cause pain?; Roll up loose cables to act as electrical interference chokes; Antenna U-clamps larger than 2-1/8 inches; Orientation of VHF boat antenna; Feds monitoring cell phones; Grounding a portable shortwave portable.
- MAR How did sunspots effect 1939-1945 comms; How should CDs and DVDs be stored; Computing antenna length and feed line impedance; Are foreign imported scanners now legal in the US?; Can I combine two Grove FlexTennas?; The ban on incandescent lamps in 2012.
- APR GSM in the U.S.; Why is there a highly-conductive, metal shield on a cell phone board?; Front-end overload on a YB-550 and a 30-ft wire antenna; Who makes GMRS SSB radios?; What causes signal variations on my shortwave portable as I walk?; Can I use a wooden ceiling beam for a HF antennas?
- MAY Electrical noise on a shortwave portable; Why no HF ham walkie-talkies; Uniden BCT-8 a good scanner and can I use a wire for an antenna; What is geothermal energy; Does the law of diminishing returns apply to antennas; Antenna recommendations for a wide frequency coverage receiver.
- JUN No new channels added with digital TV; Signals get louder when I touch the case; Buying WiFi for public safety and broadcast monitoring; Hose current raises worms; How to hear a distant FM next to a local; What are these numbers I hear on shortwave?
- JUL Fractal Antenna Designs for radio hobbyists; Random Longwire Directionality; Antenna on the roof truss; Harmonics 101; Advantages of a passive multicoupler; Hearing birdies, harmonics and IF's; What is the difference between magnetic and geo-magnetic poles?
- AUG July Column Correction; Test Prod in the AC Socket; Can a Spark Occur in a Complete Vacuum?; Radio Shack DX-398 badly Distorted Audio; Two Radio to One Antenna: switch or splitter. Digital TV Picture Pixelates During Storms.
- SEP Combining Scantenna and cellular yagi antenna; Frequency bands are UKW, KW, LW, MW; Wireless electricity; Improving AM DXing; FM Frequency Notch

- Filter; 20-meters vs 40-meters reception distance.
- OCT AM broadcast harmonics; Identifying interference on a scanner; CO2 alarm triggered by ham radio signals; Switching power supply interference; Litz wire; A nanofarad is a what?
- NOV Armed Forces Radio on SW; Horizontal Antenna Ground Gain; Rapid signal flutter on HF; Siren and Piccolo on Shortwave; P-25 and the Cops; Cops Above the Broadcast Band; Cell Fones and Metal Roofs; Fluorescent Light Interference; The Shaking Flashlight.
- DEC Shortwave radio audio on a laptop; VOA on Shortwave; D-Star comms called skip; VLF antenna to comm with subs; Antenna spacing to reduce interaction; Wire antenna coax placement; "Superheterodyne" receiver characteristics.

BEGINNER'S CORNER

"Getting Started" (Ken Reitz)

- JAN Shortwave Listening and Art: Audio Music History; The Artistic Ear of Myke Weiskopf; DIY Transmission ART.
- FEB Pansat 9200HD: Keeping Up with FTA Satellite Changes (Satellite Monitoring)
- MAR International TV and Radio Reception via MPEGII FTA Satellite Receiver (Satellite Monitoring)
- APR Your Antenna is Up: Now What?
- MAY OTA DTV Update and Finding Entertainment on Shortwave.
- JUN Beginner's Guide to Field Day.
- JUL A Beginner's Look at Shortwave and Ham Antennas.
- AUG Electronic Bargains and Pirate Radio Mania: IBM Computers Cheap; C. Crane's Big Savings; All Electronics Throwback Savings; 2010 Pirate Radio Annual.
- SEP Field Day 2010 Report and Hooked on HF Pirates.
- OCT Buying Your First Shortwave Radio: What Not to Buy; OK, What Do I Buy.
- NOV HF On-Air Protocol: What's the Frequency? Net Operation; Setting Up a Schedule; Working HF Repeaters.
- DEC Beginner HF Protocol Part II: Chasing DX: Just what is DX; Habits of DX; How to work DX; What's the Frequency?

BELOW 500 kHz (Kevin Carey)

- JAN Why Longwave?; Mailbag – 1000th Beacon Logged; End Notes.
- FEB Tuning in to Natural Radio: What Can Your Hear; Receiving Equipment; Books and Publications for Natural Radio; Mailbag.

MAR Detecting Sudden Ionospheric Disturbances; Winter SWL Fest; Loggings; What the Others are Saying; New Book: Radio Nature; SAQ (17.2 kHz) Broadcast; Loran-C Final QRT.

APR Favorite Bookmarks; Not Online?; Longwave Websites; Loggings; The Future of Beacons.

MAY Mailbag and Loggings Galore!; Active Antennas; Opening the Mailbag – Mystery Beacon; St. Lawrence Ice Breakers; 500 kHz Puzzler; Intercepts.

JUN Broadband Loops: Let's Build One!; Loggings; Mailbag.

JUL Broadband Loop (Part 2); Loggings.

AUG Broadband Loop (Part 3) ; Loggings.

SEP Broadband Loop (Part 4) ; From the Mailbag; Loggings.

OCT Longwave Timeline; Mailbag; Loggings.

NOV Loop Success, Web Tips, Mailbag; VLF Radio CD.

DEC Loggings Galore! First 2200 meter JA-VE QSO. New Signals Heard: HA-DGPS; Loggings; Mailbag.

BOATS, PLANES, and TRAINS

JAN BOATS: Retired, Relaxed, Reorganized and Reeducated; Tools of the Trade; Digital Signals; Listening on HF; CW Activity; VHF; Catch you on the Net or 'Net. (Ron Walsh)

FEB PLANES: What's up in Northwest Colorado?: Wide-Area Multilateration (WAM); FlightAware. (Iden Rogers)

MAR TRAINS: In the Dispatcher's Seat with ATCS Monitor. (Ernest Robl)

APR BOATS: "The Times They Are a-Changin'!" (Things that have gone away in radio); Amateur Radio Traffic Haiti; KSM; Seasonal Change; Frequency Allocation Changes; Radio Facsimile (FAX) Broadcasts; Radiotelephone; Personal Happenings. (Ron Walsh)

MAY PLANES: What is Ground Control?; ATIS; ASDE-X; Closing Thoughts. (Iden Rogers)

JUN TRAINS: Railroads Reliant on a Variety of Radio Uses. (Ernest Robl)

JUL BOATS: Summer Boating by Radio; HF Listening; Amateur Radio Monitoring; On the Down Side (Loran, Bill Wilson VE3NR (RIP)). (Ron Walsh)

AUG PLANES: Arrivals and Approaches (Iden Rogers)

SEP TRAINS: Notes from a Slow Summer Month; Small Changes, Big Difference; Automated Messages; Multiple Tracks; "Hot Rails"; "High-Speed" Rail? (Ernest Robl)

OCT BOATS: Southern Cross DX; Loran-C; Fall/Winter VHF Listening; Canadian Empress; KSM in Danger.

NOV PLANES: Aeronautical Shortwave: Ionospheric Propagation; Receivers; The HF Aero Bands; MWARA: Areas, Freqs, Communications; Chart Info; ARINC; LDOC; SELCAL; VOLMET/Aviation Weather.

DEC TRAINS: What a difference a year makes! Regulatory Issues; Speaking of the AAR; Elections; Back to Basics.

COMMUNICATIONS (Ken Reitz)

JAN **Amateur Radio/Shortwave:** CA Hams Aid in Rescue; WWCR Programs Linked to Investigations.
AM/FM/TV Broadcasting: FCC Extends LPFM Deadline; Death of Over-the-Air TV?; White Space Network Test in VA.
Satellite: Space Debris to Increase Mission Cost.
Public Service: Rescuers Wary of "Yuppie Rescues;" Guard with Scanner Captures Crooks; Scanner Listeners Aid Police; Carjacker Stopped by OnStar.
FCC Enforcement: Parade of Manufacturer Missteps; FCC Scuttles Pirate Cat Radio; Florida Pirate Fine Reduced; Texas FM Pirate: Not Ruled by FCC.

FEB **Amateur Radio/Shortwave:** Utah Hams Aids Crash Victim; Chinese Hamsat Launched; Former Radio Host Charged.
AM/FM/TV Broadcasting: Say Good-Bye to OTA-TV; HD-Radio Drifting; LPFM Gets Congressional Boost; TV Commercials to Calm Down.
Satellite: Iraqi Insurgents Tap Into Drone Videos; EPIRB Saves Man from Crocs.
Public Service: York County Radio Dysfunctional; DHS: No More 10-Codes; Navy to Use SDR; DARPA's Twitter Success
FCC Actions: FCC Needs More Engineers; National Broadband Plan; FCC Narrowing Freqs; Resort Fined for Bootleg FRS Ops.

MAR **Amateur Radio/Shortwave:** Radio Response to the Haitian Quake; Radio Prague Bemoans End of SW; Radio Evangelist Sentenced to 175 Years.
Pirate Radio: Pirate Radio Update; 3,000 Spanish Pirate Stations Targeted; IC & RCMP Pull Plug on Teenage Pirate (Literally!); Taiwanese Government vs FM Pirates; FCC Cites Rare AM Pirate; Three Bronx FM Pirates Nabbed.

AM/FM/TV Broadcasting: FCC Stalled on OTA Giveaway; LG Introduces Mobile DTV Receiver.
Public Service: FL Scanner Listeners Being Shut Out; FCC: No More 700 MHz Wireless Mics; Cell Phone Dummies on Parade.

APR **Amateur Radio/Shortwave:** BBG May Ax Greenville VOA Site; Radio New Zealand Budget Threats; Haiti Update; Party Like It's 1978.
Pirate Radio: FCC Scuttles FM Pirates; Olympics Pirate Closed in Record Time; Former FM Pirates Go Legal.
Public Service: IL Bill Seeks to Curb Scanner Retrans; Scanner Listener Saves Life.
AM/FM/TV Broadcasting: FCC OKs Power Up for FM-HD; iBiquity reduces Fees.
Satellite: Russian Spy Satellite Crashes in Mexico.
FCC Activity: FCC Outlines Ambitious Internet Plans; FCC Experimental Licenses; WiFi Power Amp Cited in Interference Case; College Station Fined in "Hostile Visitor" Case.

MAY **Amateur Radio/Shortwave:** Ham Satellite in Near Miss; ARRL Spring/Summer Sked Change; BBC Budget Cuts Spares World Service; Military Buys Shortwave Tactical Sets.
AM/FM/TV Broadcasting: Sangean Pocket Portable HD in AM; WJFK-FM: Sports Fan's Dream Station.
Satellites Weather/TV/Radio: NASA Launches NOAA's GOES-P; Liberty Media Backs out of WorldSpace Deal; Satellite Tracks Great White Sharks, Strange Saga of DISH, Texas.
Public Service: Two EPIRB Tales; Restrictive Illinois Bill Reworded.
FCC Activity: FCC's "2010 Broadband Vision;" FCC Broadcast Station Totals.
Cell Fone Follies: Smile, You're on Candid Cell Camera!; Bungling Car Thief Turns Self In; Car Thief Tracked by Victim.

JUN **Amateur Radio/Shortwave:** Icom: So Long IC-706MKIIG; Big Sale on vanity Call Signs; Hi-Tech Blimps to U.S. Military.
AM/FM/TV Broadcasting: NAB Hits Back at FCC; LPFM Bill Might Include Ex-Pirates; 800,000 U.S. Households "Cut the Cord;" Online Listening Slumps.
Public Service: Cleveland Radio System Disarray; D.C. Radio System Flunks Emergency.
Satellite: Big Bonanza for Sirius/XM Top Brass; DISH Beats Panarex in Piracy Suit; TiVo Pounds DISH in Patent Suit.

FCC Action: FCC Internet Leash Yanked; FCC Northeast FM Pirate Sweep; CB Op Cited for Advertising on Ch. 19.

JUL **Amateur Radio/Shortwave:** Senate Report: Cuba Media Campaign a Flop; DRM in the News; ARRL Debuts New-Look Web Site.

AM/FM/TV Broadcasting: TN Floods Hit Nashville Broadcasting; Pirate Cat Radio Gets Adopted.

Public Service: Texas City Shuts Out Scanners; EPIRB Saves Racing Yacht; Railroads to go to Narrowband.

Satellite: USAF's X-37B Mystery Spacecraft; Solar Eruption and Cable Satellite Mystery.

FCC Enforcement: Miami Station Fined for Privacy Violation; FCC Nails UK-based Phonejammer.com.

Cell Fone Follies: Forgetful in Florida; Idiots in Illinois; Ignorant in Iowa; Police and Criminal Bungling; Stupid in Seattle.

AUG **Amateur Radio/Shortwave:** ZL Op Caught With Way to Much Power; ZS OP: Threat to US Security; 10 Year Old Boy Works Satellite, Amazes friends; BBC Notes Shift of Listener Habits.

AM/FM/TV Broadcasting: FCC Warrantless Searches on Part 15 Devices Questioned; HD-Radio to Add Traffic Info.

Internet Broadcasting: AT&T Looks to Limits.

Public Service: Scanner Apps vs Criminals.

Satellite: FCC Gift: 25 MHz from SDARS to Mobile TV; Philly Councilman Tired of Looking at Dishes.

FCC Enforcement: Crack-down on FM Pirates; Another Former Pirate Goes Legit.

Cell Fone Follies: Quick-Thinking Teen Aids Capture; Ringing Stolen Phone; Imbecile Bank Robber Caught.

SEP **Amateur Radio/Shortwave:** Spies Like Us; Radio Marti's Big Makeover; Vatican Radio Xmitters Linked to Cancers (Again); BBC Announces New Board.

AM/FM/TV Broadcasting: Ludwig's Ethnic Radio via HDTV; Heat is on for Dutch AM/FM Pirates.

Public Service: Kansas Town Shuts Out Scanners.

Satellite: New DTH Satellite Service Offers VOD; CCTV9 Now English News Channel.

FCC Actions: NOV for QRM on Channel 16; Another SF Pirate Busted.

Consumer's Corner: Apple Stumbles with 4G Phone; Sony VAIO Computers Recalled; Court

to FCC: OTA Swearing OK. . . Sometimes.

Cell Fone Follies: Newbies Caught by Lost Phone; Stylin' Limo Thieves Caught.

OCT **Amateur Radio/Shortwave:** League Warns OK Town on "Nuisances;" Sudan Ousts BBC FM Outlets in North.

AM/FM/TV Broadcasting: Winds Topples 3 WVVVA Towers; Station Totals Released; Dude, Choppers at 6 o'clock!

Satellite: Satellite TV Viewers Unhappy; DISH Hits Skids in 2Q; DeLorme Ties GPS with SPOT.

FCC Enforcement: Univision Fined \$1 Million in Payola Scandal; EchoStar Cited by FCC on "Speculation;" QRM from BDA Leads to NOUO; The Complicated Case of Eddie Floyd.

Technology: DIY Passport RFID Reader; Pandora: 90,000 New Users/Day.

NOV **Shortwave/Amateur Radio:** TV via Shortwave, Really!; Radio/TV Marti Director Resigns; Judge: HT not a Cell Phone; FCC to Review Personal Radio Services; It Pays to Advertise; Former SW Talk Show Host Convicted.

FM Radio: Radio Free Austin Scorns FCC; "We-are-not-pleased" Department.

Satellites: XM Slow to Minority Programming; DARPA's Mini-Satellite Network; Japanese Spy Satellite over DPRK Down.

Cell Fone Follies: Deja ve Cell Phone.

FCC Enforcement: FM Pirates Busted in 6 States and P.R.; Fined in Florida; Oregon Sweep Nets 3 on 1710 kHz; Another Ship Radio Malfunctions; PA CBer Caught with Linears; CBer Warned on Gear and Language.

DEC **Amateur Radio/Shortwave:** DRM Finds Inroads; DX Hounds Get New Entities; ARISSAT-1 Set to Fly.

AM/FM/TV Broadcasters: FCC to Ask OTA-TV for Spectrum; Clock Running Out on LPTV; BTC Wants FM to be Competitive; FLO-TV Tanks; PBS Ends Analog Satellite Feed.

Public Service: California Police Radio Pirate Busted.

Satellite: Earth-based Radio Garbles Sat Data; Tax on Sat-TV in Ohio Top Court; Careening "Zomblesat" Still a Threat; Sirius/XM Defies Skeptics.

Internet Broadcasting: Sony-Google Internet TV Launch; FCC Wants "Super Wi-Fi" Technology.

FCC Enforcement: Breaker 1-9 for Cuts and Washes; More AM Shenanigans; FCC: Register your EPITB! So You Want to be a

Rock 'n' Roll Star? D.C. 17.5 kHz
Xmtr QRT.

THE FED FILES

(Chris Parris) (Odd months)

- JAN 2010 Fed Files New Year: Roadrunner and Other Strange Vehicles; Federal Railroad Administration; Pittsburgh G20 Summit Wrap Up.
- MAR Chipping Through the ICE: New England, Los Angeles, Florida, Texas; Mystery Systems Explained: Shenandoah National Park; UHF Allocations.
- MAY Super Bowl XLIV Wrap Up; CBP, ICE and the D-Net Channels; Getting It Together.
- JUL Delivering the Frequencies – The U.S. Postal Service; The New TSA Radios.
- SEP Autumn Updates: Justice Department 25 Cities Project; Federal Satellite Systems; VHF "Mystery System" Update.
- NOV 2010 Federal Wrap-Up: On the Move with the DEA; USFS Fire Channels; CBP Border patrol in Arizona; TSA Tracking Things.

FIRST LOOK REVIEWS

- MAR MFJ-8322 Hand-Held Scanner (Bob Grove)
- APR Logitech Squeezebox Internet Radio (Lloyd Van Horn)
- MAY FLEX-3000 SDR Transceiver Review (Part 1) (Larry Van Horn)
- JUN FLEX-3000 SDR Transceiver Review (Part 2) (Larry Van Horn)
- AUG Icom IC-R6 Hand Held, Wideband Scanner (Bob Grove)
- SEP AOR AR5100D Communications Receiver (Bob Grove)
- OCT The Revolution Has Begun: The Uniden HomePatrol-1 (Larry Van Horn)
- NOV WiNRADiO Excalibur G31DDC SDR Receiver (Bob Grove)
- DEC AOR AR2300 Black Box Receiver (Bob Grove)

GLOBAL NET (Lloyd Van Horn)

- JAN A New Hobby for the New Year; WRN: The world in one place; HD Radio on the iPhone; "Chumby" the WiFi hesitation blues; Droid hits the market; AppleTV adds Internet radio player.
- FEB Internet Radio's Rising Star; Mobile Providers to Limit Data?; MP3 VCR Records Streaming Audio; The Wonderful WunderRadio App; Pocket Tunes.
- MAR Internet Radio Caught in Royalty Debate; PURE-ly Amazing Radios; The Much-Hailed Apple Tablet; What CES 2010 Taught Us.
- APR What is Internet Radio?: WiFi Radios; On the Go Radio; Music Services; Uh-oh, Pandora going local?; Internet Radio on the iPad; FiOs jumps on IR bandwagon.
- MAY Radio aus Deutschland!

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BBC may break out the axe; Performance Royalty Fight gets 'blown up'; O'Meara making waves again; Internet radio makes inroads in cars; GlobalNet Mailbag.

- JUN Earthshaking Radio – Tuning in earthquakes, hurricanes and more; Administration enters 'pay-for-play' debate; iPhone's OS 4.0 can multi-task!; Bad news for 'free' Internet radio?; GlobalNet Mailbag.
- JUL Keeping an Ear on the Sky; TV Who? TVU!; Real radio being turned off in autos?; GlobalNet Mailbag.
- AUG Internet vs SW: Everyone's a Winner; Waiting for the iPhone 4; Finally, Reciva has an app for that; GlobalNet Mailbag.
- SEP In on the Action – Wherever it May Be; Sounds of the Storm; Portable Echolink?; IOS4 and Streaming; Subaru In-Car WiFi Hotspot; GlobalNet Mailbag.
- OCT Connecting the World with EchoLink; A new ISP for me; Royalty Compromise on the Horizon?
- NOV First Annual GlobalNet "Best of" Awards; RadioTime: A Growing Source; Internet Radio on iTunes?
- DEC Broadcasters Battle the Digital Devil.

LETTERS (Rachel Baughn)

- JAN Harry Helms (RIP); More on Alfred Vail; Remembering the Regency TR-1; The Buzz.
- FEB Crazy about Radio? Or just Crazy?; Grundig G-8; Keep It Simple; Retro Radio.
- MAR Shortwave Coverage in MT; The End of Pirate Coverage?; Tick Tock.
- APR Future of Shortwave Radio: MT Assistant Editor Larry Van Horn looks at the future of radio; Wullenweber Antennas; In Memoriam: Dave Ingram K4TWJ; John Bryant; Peter Cuffe G0IEP.
- MAY Farewell to Passport; Crusing for DX; March Corrections; Monitoring MURS.
- JUN New Uses for Old Frequencies; Rhombic True and False; Airwaves are Public!; Flying High; Another Source for New Old-Time Radio; Longwave Kudos; Robert Thomas (RIP).
- JUL OTA Online Resource; More Youthful Look?; Ask Bob; Window Dressing; AWA Museum.
- AUG Putting A Face on MT; SAR: Sesta Antes do Rescue?; Mourning Passport; KAAY: One for the Books; Both Sides of the Microphone; NASB Announces Shortwave Listener Survey.
- SEP Vintage Radio; Ham Radio Call-In Show; MT Express on the

iPad; Bringing Back Memories; DZKit Support; Zip Code Scanning.

- OCT Feedback and Quickies; Ready-made for 160M?; Pick-Up Antenna Solution.
- NOV Ham Call-In Show; Better than Kindle; Parabolic Experiment; Kiwa Loops; MT Rocks.
- DEC Farewell to Skip; Improved VR500 Charger; Wrong Rx.

MILCOM (Larry Van Horn)

- JAN Military Brevity Codes; Monitoring the Tyndall AFB TRS; Milcom Frequency Changes.
- FEB 2010 Air Show Season Nearly Here: Base Profiles: Davis Monthan AFB; Maxwell AFB; Eglin AFB; Barksdale AFB; Dyess AFB; Altus AFB; Shaw AFB; Columbus AFB; Grand Forks AFB; NAF El Centro; MacDill AFB; NAS Kingsville; NAS Key West; Charleston AFB; Andrews AFB; MCAS Cherry Point; Latest Milcom Frequency Changes.
- MAR Military Demonstration Teams 2010 Performance Schedule; MT Air Show Resource Guide.
- APR The Military Weather Channel (Metro Station/Frequency List); MARS Changes Name and Fine Tunes Mission; U.S. Navy/Marine Corps MARS Net Designators.
- MAY Monitoring the Civil Air Patrol (VHF); CAP and the HF Spectrum.
- JUN Are the Ute Bands Really Dead? List of Recently Monitored Government / Military HF Frequencies.
- JUL Profile: US Navy Training Wings Five and Six; Major Frequency Changes in Houston (ARTCC) Houston Center Frequency Profile.
- AUG Where to Monitor the Military; The Digital Side of HF – ALE; Monitoring Military VHF/UHF Communications; How do you find new frequencies to monitor? Table of Major Military Bands.
- SEP Monitoring Military VHF Low Band Communications.
- OCT Monitoring the Chinese Navy and Enigma M89 Communications
- NOV Monitoring the U.S. Navy SESEFs
- DEC Monitoring Aerial Refueling: Rules for Tanking; Aerial Refueling Terminology; Random Aerial Refueling Frequencies: CONUS, Atlantic, Canada; Monitoring NAS Fallon, Nevada.

MT EQUIPMENT REVIEWS

- JAN Grundig G8 Traveler II Digital AM/FM/SW Pocket Receiver (Gary Sargent)
- FEB The MicroR2Receiver (Skip Arey) VRX-1 Receiver (Skip Arey)

MAR Grundig Globe Traveler G3 Portable (Jay Allen)
 MFJ-8322 Hand-Held Scanner (Bob Grove)
 APR Logitech Squeezebox Internet Radio (Lloyd Van Horn)
 MAY FLEX-3000 SDR Transceiver Review (Part 1) (Larry Van Horn); Jetstream JTPS30M DC Power Supply (Bob Grove)
 JUN FLEX-3000 SDR Transceiver Review (Part 2) (Larry Van Horn)
 JUL Comparison of Eton Emergency Radios (Gary Sargent); RFSpace SDR-IQ (Brian Wood); MFJ-8310 Desktop / Mobile Scanner (Bob Grove)
 AUG Icom IC-R6 Hand Held, Wideband Scanner (Bob Grove); MFJ-844 SWR / Wattmeter Review (Bob Grove)
 SEP MFJ-9410 Ten-Meter Transceiver (Bob Grove); AOR AR5001D Communications Receiver (Bob Grove); Kaito KA801 Review' Sangean CL-100 AM / FM / Weather Radio (Bob Grove)
 OCT The Revolution Has Begun: The Uniden HomePatrol-1 (Larry Van Horn)
 NOV WinRADIO Excalibur G31DDC SDR Receiver (Bob Grove)
 DEC AOR AR2300 Black Box Receiver (Bob Grove); The British are Coming! Pure Evoke Flow-A GlobalNet Review (Lloyd Van Horn); CCRadio-EP AM/FM Portable (Bob Grove); C.Crane FT-007 Stereo FM Transmitter (Bob Grove)

ON THE BENCH

JAN "Sky-Wires and Inhalers" (Part 4) Anatomy of an Antenna. (Walter Lindenbach)
 FEB "Sky-Wires and Inhalers" (Part 5) Transformers? Why? (Walter Lindenbach)
 MAR "Sky-Wires and Inhalers" (Part 6) Transformers (Walter Lindenbach)
 APR "Sky-Wires and Inhalers" (Part 7) What's a Decibel? (Walter Lindenbach)
 MAY "Sky-Wires and Inhalers" (Part 8) One Low-Pass Filter Coming Up (Walter Lindenbach)
 JUN "Sky-Wires and Inhalers" (Part 9) "Proof of the Pudding" for the Low-Pass Filter. (Walter Lindenbach)
 JUL "Sky-Wires and Inhalers" (Part 10) SW and MW Stations Don't Mix – or Do They? (Walter Lindenbach)
 AUG TRF-4 "Retro-Tech" Construction (Hal Bilodeau)
 SEP Increase the Charging Current for the Yaesu VR-500 (Mort Arditti)
 DEC Budget DX Crystal Radio, Part 1 (Dave Schmarder)

ON THE HAM BANDS (Skip Arey)

JAN A Ham's Calendar: We Stand on the Shoulders of Giants; Dates by

FEB Hams for Hams; 2010 ARRL Handbook for Radio Communications-Review. You Want It ... You Got It!; The MicroR2Receiver – Review; VRX-1 Receiver – Review.
 MAR Hams Lead the Way: Podcasting, Social Networking, YouTube, Blogging; Good Ham Reading: Nifty E-Z Guide to D-Star Operation – Review; Twitter; So, where is this all going?
 APR To QSL or not to QSL ... That is the Question!
 MAY Good Tech Never Goes Bad; The 2009 ARRL Periodicals on CD-ROM – Review
 JUN June is a Great Ham Radio Month; Become a Professional Amateur (FCC Commercial Radio License Preparation Study Manual Review); A Shameless Plug.
 JUL New Tricks for an Old Dog; Echolink; Designing Hams (The ARRL Antenna Designer's Notebook Review).
 AUG A Ham Radio Camping Upgrade
 SEP Back to School: Time to Upgrade, Learn the Code, Learn a New Mode, Hands on Learning, Learn a New Skill; Read Any Good Books Lately?; Book of the Month: The International QRP Collection.
 OCT October is Full of Fun; Work While the Weather is on Your Side; Mobile Readiness, Too; Get Ready for Competition; Special Events; Plan for Winter Solder Melting; QRP Legacy.
 NOV More Power to You: Amateur Radio Power Supply Alternatives
 DEC Should Auld Acquaintance Be Forgotten: Back to First Principles (Yet Again); Speaking of Old Timers; Read a Good Old Book; Fine Old Radios; Heathkit Forever; Old Antennas; Fare Thee Well and Vaya con Dios!

PROGRAMMING SPOTLIGHT

(Fred Waterer)

JAN Shortwave from Canada's Olympic City; Deutsche Welle Sports Report; United States – Sonny Side of Sports; Other Olympic Winners; SW from Canada's West Coast; Innovative Programming from Deutsche Welle; Learning by Ears – The Skills to Succeed in Today's Africa.
 FEB The Golden Age of Radio: WWCR – The Golden Age of Radio Theater; WBCQ – Amos and Andy.
 MAR Programming from the Emerald Isle; The Winter SWL Fest.
 APR Touring Radio Taiwan International; RTI's brand new 30-minute webcast.
 MAY Hooray for Hollywood; Social Media; Pick of the Month; What's New.

JUN International Coverage of Polish Tragedy; The National Association of Shortwave Broadcasters (NASB); Recommended Listening; What's New.
 JUL Meandering through the 49 Meter Band; Alastair Cooke's Legacy; European Business Week – Deutsche Welle; And in other news ... BBC's Family History page (Radio and Genealogy).
 AUG The Brave New World of SW Listening (Programs on Demand); What's New?; Radio Sweden Leaving Shortwave; NASB 2010 Hamilton, Ontario; We Get Letters.
 SEP The Magic of Radio; Local Radio Goes Worldwide; Children's Programming?; Fred's Pick – Deutsche Welle-Hits in Germany; What's New: KBS World Radio-Happy Cooking and Healthy Living; Coming in September-Mark Lamar's Shake Rattle and Roll; Mr. Troloto.
 OCT So Long to Sweden on Shortwave; Hallowe'en; Thanksgiving, Canadian Style; Recommended Fall Programs; We get letters ...
 NOV Spotlight on Music; The Sounds of French Canada; What's New; Programming Advance Notice.
 DEC Festive Programming Around the World; New Years Programming; The Modern Radio France International; What's New.

QSL REPORT (Gayle Van Horn)

JAN QSLing in the Year of the Tiger
 FEB Who's on first and who's on the pole? QSL "Bytes."
 MAR Castles and Winter Olympics.
 APR Radio Prague ... still going strong; RFE/RL adds Radio Mashaal to schedule; CQ Con Co Island; You asked for Unusual Entertainment.
 MAY Calling All Hams and Shortwave Listeners.
 JUN Radio Free Asia Releases Fourth Radio Pioneer QSL Card.
 JUL Firecracker Special
 AUG Nothing But QSLs
 SEP September Brings DX
 OCT QSLing the Unpredictable and Unlicensed.
 NOV Fourteen Years and Counting
 DEC QSLing the Close of 2010

RADIO RESTORATIONS (Marc Ellis)

JAN We Begin Recapping the BC-344
 FEB Capacitors and Their Replacements: Mechanical/Fixed Capacitors; Checking Capacitors; Replacing Capacitors.
 MAR The BC-344 Restoration Continues.
 APR The BC-344 Fails and Unexpected Smoke Test; Some Reader Tips; A Speaker of the BC-344; The Unexpected: A Failed Smoke Test;

Troubleshooting; The 6R7 Open Cathode.

MAY The BC-344 Restoration Continues; More from John Stoll; Replacing Capacitors; Last Month's BC-344 Progress; Pressing On!; Needed – A Contraption.

JUN The BC-344 Speaks Again, However . . .; Left Over from Last Month; Good News and Bad News; Operator Trouble?; Troubleshooting Military Equipment; The MVC Audio Problem.

JUL Starting Out in Amateur Radio – 1920s Style.

AUG The BC-344 Operating Nicely: Stopped by an Old Phenomenon; Not a Problem After All; Getting Back to the IFS; The CW Oscillator Adjustment; The RF Oscillator Adjustments; Radio Frequency Alignment.

SEP Change of Pace: A Household Radio: Philco 38-62; From Our Readers.

OCT Starting up a Vintage Radio

NOV Another New Project: The Majestic Zephyr; Philco project discontinued.

DEC A First Look Inside the Majestic: Majestic History; A First look Inside; Safety Problem; Checking Tubes; Chat Room Lore: Treating Asbestos Sheets; Wholesale Cap Replacement; The "Discontinued" Philco 38-62 Project.

SCANNING REPORT (Dan Veeneman)

JAN Longing for the Simple Life; Radio Shack Pro-96; Monitoring 800 MHz; Albuquerque, New Mexico.

FEB Type 1 Trunking in Ontario; Fleet Maps; Orange County, California.

MAR Mastering the LTR Frequency Search; Rebanding.

APR What's the Frequency, Dan? Border Patrol (CA); O'Fallon, Missouri; Nassau County, New York; Milwaukee, Wisconsin.

MAY Buying Your First Scanner; Lake Tapps, Washington; Conventional Scanning; Trunked Scanning; Selecting a Scanner; Shelbyville, Indiana; Project Hoosier SAFE-T; Shelby County, Indiana; Dayton Hamvention.

JUN Oldies but Goodies; Merced County, California; Stanislaus County, California; Cellular Prohibition; Scanner Legalities.

JUL Looking for the Easy Button; Vernon Parish, Louisiana; NXDN; Christian County, Kentucky; Logan County, Kentucky; Belfast Area, Maine; Fast Food Monitoring; New Scanners from GRE (PSR-700/310/410).

AUG Keeping an Ear on the Weather: Scanning Weather; Specific Area Message Encoding; Emergency Managers Weather Information

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Network; Local EMWIN Broadcasts; EMWIN via the Internet; Skywarn; Cary IL; MABAS.

SEP Understand the System; Understand your Scanner; Hawaii – PACMERS; North Carolina – Smartzone and Omnilink; Pro-96 Software Tools.

OCT Scanning: A Moving Experience: Rebanded; Uniden BCD396T; Low Band; 10 Meters; Phoenix Update.

NOV OpenSky and Medical Dispatching; OpenSky; OpenSky Problems; OpenSky Overhaul; Albuquerque, New Mexico; Emergency Medical Dispatch Codes.

DEC Making Do with Tried and True; Tulsa, Oklahoma; Flagstaff, Arizona; Conventional Scanning of a Trunked System; North Arizona University.

SHORTWAVE GUIDE (Gayle Van Horn)

JAN English (24 hours); Spanish 2300; French 0000-2300 UTC

FEB English (24 hours); Portuguese 0000-1100 UTC

MAR English (24 hours); Portuguese 1200-2100 UTC

APR English (24 hours); Portuguese 2100-2300 UTC; Arabic 0000-1800 UTC

MAY English (24 hours); Arabic 1800-2300 UTC; Spanish 0000-0600 UTC

JUN English (24 hours); Spanish 0700-1500 UTC

JUL English (24 hours); Spanish 1500-2200 UTC

AUG English (24 hours); Spanish 2200-2300 UTC; French 0000-1900 UTC

SEP English (24 hours); French 1900-2300 UTC; Mixed - English Plus Other Languages (24 hours)

OCT English (24 hours); Portuguese 0000-1100 UTC

NOV English (24 hours); Portuguese 1200-2100 UTC

DEC English (24 hours); Portuguese 2100-2300 UTC; German 0000-1800

SKYSURFING

FEB HAM SATS: Working Your First Amateur Radio Satellite (Part 2). (Keith Baker)

MAR RADIO ASTRONOMY: Pulsars (Jeffrey Lichtman)

MAY HAM SATS: Working Your First Amateur Radio Satellite (Part 3) (Keith Baker)

JUN RADIO ASTRONOMY: Antennas for Radio Astronomy (Jeffrey Lichtman)

AUG HAM SATS: Working Your First Amateur Radio Satellite (Part IV) (Keith Baker)

NOV HAM SATS: How to Use Linear Amateur Satellite Transponders; Satellite Status Update.

UTILITY WORLD (Hugh Stegman)

JAN 600 Meters: Signs of Life; Japanese Fishery Radio.

FEB Japan Radio: Fishing for Facts; Improved Band Conditions?

MAR MARS Gets New Name and Mission; Utilities Inside Amateur Bands; Yet More Life on 600 Meters.

APR Israeli "Numbers" – A New 20-Meter Mystery (The E10 Enigma); Bye-Bye Loran-C.

MAY What's the World's Strangest "Numbers" Station? SK01; Star Star Radio Station; But the Winner is . . .

JUN The Strange Wierdness on 13420 and Other Stories; First Vietnamese Numbers; French Version of the "Russian Man;" Final HF FAX Corrections.

JUL Making Sense of ALE Addresses; SDO Sees First Light.

AUG Monitoring World Trouble Spots: E10 and Gaza Tensions; Korean Peninsula.

SEP Spy Bust Reveals Radio Intrigue; Translating Vietnamese Numbers; New Chinese Numbers Frequency; Quick COTHEN Survey.

OCT New Arctic NAVAREAs Promise Utility Catches; Korean Numbers Update; Russian Spy Update; COTEH Frequency Use Update.

NOV UVB-76: Is the "Dead Hand" Station Dead?; Unraveling the "German Coast Guard."

DEC Wired Radio: Using Remote Internet Receivers; UVB-76 Mystery Continues; German Water Police.

WHAT'S NEW (Larry Van Horn)

Books, CDs

JAN The 2010 ARRL Handbook for Radio Communications.

FEB QRP Romps; Free Ham Radio Publication; Ham Radio Award Program Publication; World Radio TV Handbook 2010 Review (Gayle Van Horn)

MAR NCVEC Releases New Technician Class Question Pool.

APR 2010 Beacon handbooks now available.

JUN Review of Domestic Broadcast Survey 12th Edition Review (Gayle Van Horn); South Carolina Upstate Scanner Guide.

JUL The ARRL Repeater Directory – 2010/2011 Edition.

SEP Antenna Designer's Notebook; 2010 Pirate Radio Annual; Remote Operating for Amateur Radio; Storm Spotting and Amateur Radio; The ARRL Field Day Handbook for Radio Amateurs; The ARRL RFI Book, 3rd Edition.

OCT FM Atlas, 21st Edition; NRC AM Radio Log.

NOV Axis Sally – The American Voice
of Nazi Germany; 2010-2014
Technician Class Study Guide

Equipment

FEB Radio Shack Pro-107 iScan
Scanner; C. Crane CCRadio-2.
MAR Iridium Unveils Smaller, Lower-
cost Satellite Data Transceiver.
APR Icom Releases a New Portable
Receiver: IC-R6; AOR Introduces
AR2300 “Black Box”
MAY Jetstream JTPS30M DC Power
Supply (Bob Grove)
JUN A New Icom All-Around Rig (IC-
9100 Transceiver)
JUL MFJ-8310 Desktop / Mobile
Scanner (Bob Grove); What’s
New at Dayton: FLEX-1500,
FLEX-VU5K, FLEX PowerSDR
Software; Kenwood TS-590
Transceiver; Yaseu FTdx-5000
HF/6 meters transceivers, Yaseu
VL-2000 amplifier; Alinco DX-
SR8TE mobile transceiver, Two
new Hendricks QRP Kits.
AUG A Revolution is Coming Soon!
Uniden HomePatrol-1™; MFJ-
844 SWR/Wattmeter Review
(Bob Grove); The ARRL Ham
Radio License Manual, 2nd
Edition; Understanding Basic
Electronics, 2nd Edition; ARRL’s
PIC Programming for Beginners.
OCT New Milcom Log Periodic Now
Available; SSB LAN-SDR.
NOV Desk Top “Noise Away”; MFJ-
1775 Rotatable Dipole; ADS-SRI
Simplex Repeater.
DEC CCRadio-EP AM/FM Portable
(Bob Grove); C.Crane FT-007
Stereo FM Transmitter (Bob
Grove)

Miscellaneous

OCT New Narrowband Mode
Released -- CMSK

Software

JAN Scancat Lite-Plus.
MAR Need Frequency Allocations
Information? There’s an App for
that!; New Version of Popular
Logging Program: DXtreme
Software™; Swift’s Weather
Defender 1.1 Alerts Give
Weather Enthusiasts an “Edge.”
APR Interactive Police Scanner
iPhone/iTouch App.
SEP SpectraCyber Elite Software

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Stealth Operating: How to Overcome Property Restrictions	MAY
Young Ladies Radio League QRV Since 1939	MAY

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Micro-Broadcasting: Getting the most out of Part 15 Radio	SEP

HF Utility Monitoring

HF FAX on iPad: Yes, There's an App for that!	SEP
Hunting Seagulls: Monitoring and Decoding WEFAX Broadcasts	SEP

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A Voice in a Dream – Roger Klingman K0RMK	
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The Committee to Preserve Radio Verifications	OCT
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2012 RADIO BUYERS GUIDE (13 Page Special in the November MT)

- MT's Guide to Buying a New Scanner By Larry Van Horn, N5FPW
- Taking Shortwave Listening to Another Level By Ken Reitz, KS4ZR
- The Quest for Power – "Keys" to Success and the Accessories of Life By Kirk A. Kleinschmidt, NT0Z
- Finding The Perfect Antenna (It's not that easy!) by Bob Grove, W8JHD

REGULAR COLUMNS

ANTENNA TOPICS (Dan Faber/Kent Britain)

JAN	The Great Equalizer How Tuners Make Life Easier (Dan Farber)
FEB	The Great Equalizer: Making Your Tuner Work for You (Dan Faber)
MAR	Air Band Antennas (Kent Britain)
APR	Up in the Air – Height Above Ground vs Antenna Performance (Dan Farber)
MAY	No More Excuses – Get Active on HF NOW! (Dan Farber)
JUN	Construct Super Wide Band Antennas (Kent Britain)
JUL	Vintage Antenna Systems (Dan Farber)
AUG	Antennas for AM Listening – Hint: It's Not a Beam (Dan Farber)
SEP	Six Antennas for 300 MHz (Kent Britain)
OCT	Active Antennas for Stealthy SWling (Dan Farber)
NOV	Stealthy Little Vertical: The Chameleon V1 (Dan Farber)
DEC	Vintage with a Vengeance (Dan Faber)

ASK BOB (Bob Grove)

JAN	Do I need a booster for my scanner; MFJ-1046 preselector and the new shortwave radio; What countries banned ham radio in WWII; Can a whip on a CB radio with a linear amp get warm? Crossed diode receiver overload protection myth; When to select filter bandwidths, passband tuning or noise blanker features on Icom R-75
FEB	Connecting an automotive battery charger; Ionsondes; Mounting a Grove Scanner Beam and Scantenna in parallel; Inverted L directionality; Why no SSB on 30 meters; Why my discone delivers poor performance to my handheld; A why buy a . . . question
MAR	LEDs and voltage polarity; Tunerless all-band dipole and impedance matching; Choices for multiband HF transmitting antennas; Security compromise of RFID chips and passport; Advantages to leaving equipment on all the time; How to find the source of power line noise; Does the US-Russian hotline still exist; Learning more about RDF online.
APR	Using an 800 MHz on VHF; Powering a 5 VDC device with 6 VDC; Who am I hearing from 4100-4300 kHz; Can I use more than one WiFi radio tuned to different radio stations; Using a degaussing coil as a NDB band antenna; Do photocells wear out;

MAY	Do silent dog whistles work and their freqs; Wanted handheld ham rig for emergencies; Crystalfeeler antenna – quackery Antenna System Questions; Radiated power to the antenna; 20 meter antenna for 15 meter transmitting; Tuning at lower power levels, higher SWR at high power; Low end antenna analyzer useful; Stack antenna configuration; Replacing the Uniden HP-1 stock antenna; Discone in the country.	transceiver as HF general coverage receiver; analog TV/FM antennas for digital reception; Grove scanners; Attic loop antennas; preamp placement on coax line; RG-58/U vs RG-6/U; lead-acid battery tester	AUG	Channels; VHF Marine Channels; Amateur Radio PLANES: Aero Frequencies: Clearance Delivery, Ground Control, Tower, ATIS, ASOS / AWOS, Unicom; TRACON Frequencies; ARTCC Frequencies; Airport/Facility Directory
JUN	SWR Variations; Digital Software Decoding/Collectible SW Receivers; Portables and 9/10 kHz spacing switch; Fiber vs cable; Future of AM IBOC/SW DRM; Tuner and RF power out antenna; Prevailing standard DES vs AES	BELOW 500 kHz (Kevin Carey)	SEP	TRAINS: Passenger vs Freight and More Signals
JUL	Mobile scanner antenna for Uniden BCT15X; Weather broadcast recorded before magnetic tape; Audio synch and digital TV tuners; Future of satellite TV services; Changing the feed point of a random-length SW antenna; Poor general coverage receiver sensitivity on AM; Mobile mounted NMO antennas vs car wash; New scanners have close call; Antennas in restricted areas	JAN	OCT	BOATS: Easy Tools for Smarter Listening; Winter Monitoring Targets; North American Frequencies; Search and Rescue; Amateur Marine Radio; Local Acitivity; VHF; Maine Radio Historical Society; Email; Plasma Nightmare
AUG	Jamming in WWII; Analog scanners and freq above 470 MHz; Time signals on AM BCB w/Morse code ID; ANT-6 performance on 2-meters; Wanted - Simple handheld scanner; Austin Condor antenna performance; MJF-1020C performance	FEB	NOV	PLANES: Aero Frequencies Part 2: VHF Company Frequencies; Domestic VHF Networks; AOC Message Content; 121.5 MHz; Flight Service Stations; 121.95-123.6 MHz; Airport FM Frequencies; Changing Technology; Yahoo Group
SEP	Operating 2 HF transceivers on 2 different bands simultaneously; Low-pass filter – before or after the linear; Yaesu ham transceivers as a shortwave receiver alternative; PAR End-Feed antennas as a sloper; TV impedance matching transformer and continuity between windings; Mag mount antennas for ham xmit/scanner receive	MAR	DEC	TRAINS: Back to Basics: The Equipment; Finding Frequencies; Other Calls; Looking Good; System Architecture; Learning about Railroads; Fun with Names
OCT	Land Mobile Band Update (450-512 MHz); Replacement antenna for the Uniden HP-1 (Part Deux); How does Carbon 14 dating work; What is a Q-Meter; Grove/Ramsey PR2 improve reception; 400 foot wire loop vs the electric fence; use NiCd charger to charge NiMH bats; FM indoor directional antenna	APR		
NOV	Linear amp by-pass; NOAA frequencies; Inboard vs Outboard DSP; Ham and public service HT combos; Nulling FM signals; Solar cycle mazimum flop; Defining RDS, SDR and DSP, and shortwave interference puzzle	MAY		
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				BROADCAST BANDSCAN (Doug Smith) (even months)
			FEB	Keeping Record; “Un-disappearing” Station Re-disappearing; An Unusual Petition; Station Report
			APR	We pause for station identification . . .; FCC Proposes Changes to TIS; LPFM Restrictions Relaxed; Proposal to Refarm TV Spectrum
			JUN	Radio, Dead or Alive; FM “Translator Stations”; Digital Radio: Dying in Canada; IBOC: Bad for DXers and Stations, too?; Radio on the Road; hello testing 1..2..3..4..; New Community Radio; Musical Chairs
			Aug	Clear-Channel Stations to Return; IBOC Interference: Good for DXers?; Scorecard; New AM station in Nashville; Digital TV DX; Mailbag
			OCT	Talk Radio, not just AM Any More; Dr. Bruce Elving Passes; Montreal 690/940; The End of the “Franken FMs”; The Great Translator Invasion of 2003; Respect or Disrespect for the FCC; Mailbag
			DEC	Playing Around with the Carrier; Montreal 690/940; Frequencies Going Begging . . .; Radio History; Arkansas Station Sued; New NRC Log; Mailbag Mysteries
				COMMUNICATIONS (Ken Reitz)
			JAN	Amateur Radio/Shortwave: Zimbabwe Police Seize SW Sets Ears to Our World W1AW Winter Sked

		<p>AM/FM/TV Broadcasting: Canadian Radio Future Uncertain Are We Watching HDTV Yet? Whatever Happened to 3DTV? PTC: More Profanity in Prime Time</p> <p>Satellite: C-Band Programming Ends (Almost)</p> <p>AGs Looking at XM/Sirius</p> <p>Small Dish Victory over HOA</p> <p>FCC Enforcement: Verizon Fined \$25 Million for "Mystery Fees"</p> <p>FCC Gets Picky</p> <p>GPS Gaffes</p>			<p>Limits to Kids; TV Consolidating / Cashing Out</p> <p>Public Service: PA Town Wary of Digital Upgrade; FL Paper Decries "No-Bid" Contract</p> <p>Technology: Georgia Tech Engineers find "Free" Energy; LightSquared/GPS Interference Shambles; JetBlue to offer LiveTV on Overseas Flights</p> <p>FCC Enforcement: Minnesotans Cited for Pirate AM Violations; Nevada FM Pirate cited for QRO</p>
FEB		<p>Amateur Radio/Shortwave: Radio Marti Tries Chat Show Approach; Shortwave Loses Four More</p> <p>AM/FM/TV Broadcasting: Arbitron: Radio Usage Up; College Radio Slumps</p> <p>Internet/Smartphones: Fears of Cell Network Collapse; FCC Lays Out Spectrum Changes; Companies Team-Up for Mobile TV</p> <p>Satellites: Russia Glonass GPS Disaster; Sirius Listeners Sentenced to 5 More Years; Spooky X-37B Returns; Rooftop Antennas to Determine Eligibility</p> <p>FCC Enforcement: Church Station without Staff: \$10,000; Chinese Co. Cited for Cell-Jamming Gear; Station Fined for not Reducing Power</p>			
MAR		<p>Amateur Radio/Shortwave: New Amateur Radio Bill Introduced; K1MAN Ticket Referred to Judge</p> <p>AM/FM/TV Broadcasting: LPFM Bill Now Law; FCC to Move on OTA</p> <p>Satellite: DirecTV Fined Millions in marketing Missteps; OH Top Court: Tax the Dishes; DISH Raises Rates (Again); "Zombie-Sat" G15 Recovered</p> <p>FCC Enforcement: FCC Rounds up the usual CB Suspects; Cell Jammer Found at High School</p>			
APR		<p>Amateur Radio/Shortwave: BBC Budgets Slashed (Again); Long-time HCJB Host/Engineer Dies</p> <p>Public Service: Motorola System "In Shambles;" Open Sky has Political Repercussions; Oakland PD Radio Frustrations; There's an (Illegal) App for That</p> <p>AM/FM/TV Broadcasting: NY Bill Targets Radio Pirate; Dim-witted Thieves Steal FM Station</p> <p>Satellite: FCC: Ground-based Sirius/XM in Hawaii OK</p> <p>Sirius/XM Seeks Price Hike OK</p> <p>Internet Communications: Egypt Unrest & Communications Questions</p> <p>FCC Enforcement: Non-coordinated Repeater Op Cited; More CB Busts</p>			
	MAY		<p>Non-FCC Enforcement: Dozens of NYC Pirates noted</p> <p>Shortwave: Radio Nord Revival</p> <p>AM/FM/TV Broadcasting: Last Chance to Log Canadian Analog OTA TV</p> <p>Public Service: NYPD Radio Still Not Tunnel-ready; TIS May Get New Life; National EAS Test</p> <p>Satellite: Russia Space Shambles; U.S. Space Shambles; Georgia Readies Sat-Tax</p> <p>FCC Enforcement: Miami FM Pirate Fines \$20K; QRO and Wrong Antenna - \$13K; CB Op Thumbs Nose at FCC</p>		
	JUN		<p>Amateur Radio/Shortwave: Hams React to Japan Quake; JJY Time Station Forced to Close Down; NIST Fumbles ARRA Bucks</p> <p>AM/FM/TV Broadcasting: Motley Fool: Radio is Dead; Thieves hit KSL Xmtr Site; Former FCC Chair Heads Big Cable</p> <p>Satellite: Stern Unhappy, Sues Sirius/XM; Sat-TV Customers Gripe to BBB</p> <p>Public Service: JFK Dead Zone for NYPD Police; Oregon Rethinks Radio System</p> <p>FCC Enforcement: Station Fined for Airing Ads as News; FCC Throws Book at Cal Pirate; More FM Pirates Rounded Up; Science Teacher's Revenge Backfires; Finally, Relief from Interference</p>		
	JUL		<p>Amateur Radio/Shortwave: Deutsche Welle Announces Major SW Reduction; Hell Host Ham Program on TWIT; Radio Nord Continues MW & SW Tests; DX Partyline Ends</p> <p>Public Service: Paper Asks PA to "Pull Plug" on P25 Network</p> <p>AM/FM/TV Broadcasting: FCC Tallies Broadcast Stations; FCC Commissioner Cashes Out</p> <p>Satellite: XM/Sirius Adds Diversity Channels - Plans Fee Hike</p> <p>FCC Enforcement: FM Pirate Busts Galore; Ham Fined for Freeband Operations; Seattle Man Charged with Fake Distress Calls; WEAK Radio Disappears</p>		
	AUG		<p>Amateur Radio/Shortwave: Commando Solo on HF over Libya; BBG to "Sunset" Shortwave; RNW Budget Slashed (Again)</p> <p>AM/FM/TV Broadcasting: Cord-Cutters Growing/Shrinking?; States Gunning for Big Bird; PBS-TV Stations Cashing Out</p> <p>FCC Enforcement: CB Shop Cited for Amps and Mods; Beauty School Cited for Jamming</p> <p>Amateur Radio/Shortwave: BBC Cuts Offer Poor Trade-off; Push to Save RNW</p> <p>AM/FM/TV/Cable: LPFM Window to Re-Open; FCC Looks at Ad</p>		
	SEP				
	OCT				<p>Amateur Radio/Shortwave: ARISat1: Intro into Amateur Satellite; BBG Still Making Waves; RTI's New English Website</p> <p>AM/FM/TV Broadcasting: NY State Outlaws Radio Piracy; Translator Shenanigans; FCC Strikes down HOA Rules (Again); Canadian DTV Déjà Vu</p> <p>Technology: CD Disappears from Ford Dash; Navy vs Garage Doors; 5 GHz Devices Causing Radar Headaches</p> <p>FCC Enforcement: The Crystal Ship Sinks; Couple Blames Friend for FM Pirate Station</p>
	NOV				<p>Amateur Radio/Shortwave: Hams React to Irene; Scientists "Hear" Sunspots</p> <p>AM/FM/TV Broadcasting: FCC Lops Off Channel 51; CCTV Goes 24/7 in D.C.; Are You ready for a New TV Standard?</p> <p>Public Service Radio: Oakland Police Radio Problems; Piggy-backing on Motorola System</p> <p>Satellite: DISH, DirecTV Lay Their Bets; Space Debris = "Collision Cascade"</p> <p>FCC Enforcement: \$25,000 for Interference on Police Frequency; QRO FM, Two AM Pirates Tagged</p>
	DEC				<p>Amateur Radio/Shortwave: League Touts Ham Benefits to White House; HFCC Bets on a Multi-Platform Future; European Conference Highlights DRM; Trans World Radio's Big New Signal' Radio/TV Marti Texting Cubans</p> <p>AM/FM/TV/Satellite Broadcasting: Radiolab Host is MacArthur Fellow; FEMA/FCC Tips on ECOM; Supreme Court may look at State Dish Taxes; FCC to LightSquared: Not so Fast!;</p> <p>Public Service Radio: Chicago's \$23 Million Radio Flop; Bus Drivers Clog Motorola System</p> <p>FCC Enforcement: Jammer Sellers Jammed; FCC Lowers 2 Fines, Increases 1; Jamming marine Channel 16: \$17,000</p>
	JAN				<p>COMPUTERS & RADIO (Brian Wood)</p> <p>The Search for Extraterrestrial Intelligence</p>

APR Write Your Own Logging Program
 JUL DXLab Suite Software (Guest Reviewer Rick Kile, WA7BNG)
 OCT Shortwave Listening in Your Car

DIGITAL DIGEST (Mike Chace)

JAN Digital Modes on the Air; Decoding Targets: CW Stations - Russian Intel Numbers Stations, Cuban Intel Numbers Stations, Russian Naval Warships and Bases, Baudot RTTY Stations - German Weather Service, CanForce Halifax, French Air Force, NATO Lisbon, Brazilian Navy; ASCII Stations - Bulgarian Diplo Service; Mil-188-141 ALE UK Mil Ops and UnID "ECO" Net; Bulgarian Diplomatic Service
 FEB East Digital Listening - SITOR-A, SITOR-B, PacTOR-I/II/III.
 MAR Egyptian Diplomatic Service HF Ops; One US Mystery Net Solved; Update on the ECO ALE Network
 APR Bits and Pieces: RTTY "in the clear?"; French Forces ARQ-E3 Transmissions; Dominican Navy; Bulgarian Diplomatic Service; Sudanese Diplomatic Service; Possible French Diplomatic Net
 JUN Update on Codan Network: Maltese Forces Maritime Service; Unid Codan Network; Moroccan MOI Codan Network; ECO Net Solved; UK Mil MATELO Returns
 JUL Mauritanian Police and other Oddities; French Air Force ALE; The Strange Case of the Sudanese Diplomatic Service
 AUG Russian Diplomatic Traffic; SPO and friends: Another Mystery
 SEP Another Mystery PacTOR Network; Update on US NS/EP ALE Network; US Navy Fleet Broadcast Update; Canadian Forces Using STANAG 4825
 OCT Automatic Link Establishment: More Three Letter Net Developments; PacTOR-IV is Here!
 NOV New Digital Signals: New 4 Tome Modem' Finnish Diplo Service Returns to HF; Sudanese Diplomatic Update
 DEC Ecuador's Naval HF Network; Australian Mil Follow-Up

THE FED FILES (Chris Parris) (odd months)

JAN 2011 Fed Files New Year; CBP Office of Air and Marine; Federal Close-Up - Mt. Hood National Forest; Charlotte, NC Federal Frequencies
 MAR TSA Expands Its Reach; Gifford Pinchot National Forest; CBP Border Patrol in Arizona; Super Bowl XLV
 MAY Scanning Super Bowl XLV; New Nationwide ICE Channels; Mt. Rainer National Park.
 JUL Final Four Federal Activities; Department of Energy Radio

Channels; EPA Radio Channels; Olympic National Forest; Mt. Rainer Update
 SEP The Federal Integrated Wireless Network; Mt. Baker Snoqualmie national Forest Radio System; Umatilla National Forest; Mt. Hood & GPNF UHF Links Update
 NOV 2011 Fed Files Wrap Up: P25 Security Called into Question; Presidential Travels; Federal IWN Expansion Continues; Montana BLM and BIA Frequencies; North Central Colorado USFS Radio Systems

FIRST LOOK/MT REVIEWS

JAN The Amazing Little C. Crane WiFi Radio (Lloyd Van Horn)
 FEB GRE PSR-700 (Bob Grove); SafeCeiver Mini-Scanner (Bob Grove)
 MAR Alinco DJ-11T Wide Frequency Coverage Scanning Receiver (Bob Grove)
 APR GRE PSR-800 Review (Bob Grove)
 MAY Going QRP with an SDR - the FLEX-1500 HF+6 Part 1 (Kirk Kleinschmidt)
 JUN FLEX-1500 SDR Transceiver Review Part 2 (Kirk Kleinschmidt)
 JUL DXLab Suite Software (Guest Reviewer Rick Kile, WA7BNG); DPD Productions ADS-B Vertical Antenna (Larry Van Horn); MFJ-260C 300 Watt Wideband Dummy Load (Bob Grove); Midnight Science Ultrasonic Dish (Bob Grove); MFJ Lapel-Style Speaker/Microphone (Bob Grove)
 AUG Apple TV - Let it change your life (Lloyd Van Horn)
 SEP MFJ-886 Pocket-size Frequency Counter (Bob Grove); MFJ-266 Antenna Analyzer (Bob Grove)
 OCT The Poor Man Investigates . . . the World's Worst World Receiver? (Eric Bryan)
 NOV Sangean ATS-909X Multiband Portable Radio (Bob Grove); JetStream JTPS31MB Power Supply (Bob Grove); Jetstream JTPS28 13.8 VDC PS (Bob Grove)
 DEC WinRADIO G33DDC Excalibur Pro (Bob Grove)

GETTING STARTED (Ken Reitz)

JAN Beginner HF Protocol Part III: QSL those Contacts
 FEB Cord-Cutter's Primer (Ditching Cable and Satellite TV)
 MAR Whatever Happened to TVRO?
 APR Return of the Portable TV
 MAY The Joys of Ten (10-meter ham band profile)
 JUN Loop Your Way to HF DX Success
 JUL Mobile Shortwave Listening Alternatives - Old and Current Mobile Alternatives
 AUG Postscripts and Addenda: Sirius/XM Settles Lawsuit; TV/FM

DXing; Attached to the Loop; Shortwave Pirate Monitoring; CRI Strikes Again
 SEP Want a Truly EZ-up Antenna? Try a 20 Foot Extension Ladder! Preparing for Everyday Emergencies
 OCT Radio Listening in a non-FiOS Home
 NOV Low Profile TV Antennas and PC to TV; Amplified Indoor Antennas that Work; Phillips SDV2940 Amplified TV Antennas; Winegard SquareShooter SS2000; NetGear's PC to TV Solution; The Limits of "Unlimited"
 DEC Squeezebox Q&A and FiOS QRM; CBS Radio Disappears; FiOS Headaches

GLOBAL NET (Lloyd Van Horn)

JAN What's Next for Internet Radio?; Pandora Targets Drivetime; One-Stop Shop for Audio; Streaming Audio on Your Mac; Build the Next Streaming App; GlobalNet Mailbag
 FEB Doing it for the Troops; IOS Radio Apps Reviewed; GlobalNet Goes Social
 MAR The Sounds of the Skies, Online; Eyes and Ears on the Sky; United in the Search for Streams; Toyota puts Pandora in their Cars; GlobalNet Mailbag; GlobalNet Stream of the Month; GlobalNet goes Interactive
 APR The Digital Voice of the People Aljazeera; The Great Mobile Push; Reciva Remote App; Blog and Podcast Update
 MAY Tweak, Pops and Chirps . . . Online: Jovian Storm Chasing, It's Raining Meteors, Pulsars, black holes and sferics, oh my!; The broader picture - radio astronomy; GlobalNet Mailbag
 JUN Breaking News, Online; Streaming Radio - Voice of the People; Streaming Receivers: It's like you're there; Scenes from the Scene
 JUL Tracking the Tropics Goes Digital; Getting storm data - Where is the action? The sounds of storm; Nonbroadcast Sources; Internet Radio Changes
 AUG Sunshine Radio: Hot Florida Action; A smartphone isn't a scanner, right?; Is a smartphone the new walkman?
 SEP You Can Take it with You: Internet radio's great mobile push
 OCT The Great Shortwave Migration - Shortwave still surfing online; Survey says . . . ; Sirius 2.0 - What it means for Internet radio
 NOV Clearing out the GN Mailbag: Aero Listening; Apps for Computers; ooTunes; Ear on Florida Weather; News Flash concerning Flash; New Airplay Devices Hit the Market

DEC 2011 – A Banner year for Internet Radio; Smartphones and In-Car Systems; Coming up in 2012; The Tides are Turning; DX Challenge or Content?

MILCOM (Larry Van Horn)

JAN Monitoring the Air Route Traffic Control Centers; ARTCC Update; Atlanta ARTCC RCAG Frequency List

FEB HFGCS – Always Ready . . . Always On! USAF AMC Global – Global Command Net, Global ALE/DSN Gateway Net, Global Black or NIPRnet, Global Red or SIPRnet, Mystic Star Net, SITFAA, DCS HF Entry Net

MAR Monitoring the Air Show Experience – Equipment and Tips; DoD VHF High Band – The Hidden Aircraft Band

APR On Base Air Show Coverage Charleston AFB/International SC; Seymour Johnson AFB NC; Beale AFB CA; NAS Corpus Christi TX; JRB/NAS Fort Worth TX; MCAS Beaufort SC; Civil Air Patrol Reorganizing HF ALE; Kentucky CAP Call Signs

MAY CAP Sprouting Up Regional Nets; Milcom Air Show Military Base Profiles: Andrews AFB, NAS Pensacola, NAS Whiting Field, NAS/JRB New Orleans, Langley AFB; US Army MARS ALE Going Regional

JUN Something New in Monitoring Military: Mode-S/ADS-B Introduction

JUL Australian Military HF Network Complete; New HF Military/Government Nets: Lithuanian Military, Maritime Services of the Armed Forces of Malta, US Army NG 875th Eng Battalion/43rd WMD-CST, US Coast Guard Auxiliary, US Government Networks (Agencies Unknown); CAP Regional Nets; Military Frequency Changes; Milcom Air Show Base Profile: Travis AFB

AUG Navy Training Wing Update; Milair Frequency Updates; New Pacific Metro Frequency; CanForce HF NAWS Mode Change; Coast Guard Air Miami Bids Farewell to the Jet Age

SEP Monitoring the Military on COTHEN plus a Milcom Extra: US Customs and Border Protection Air and Marine Branch Aircraft Assets List

OCT Base Profile: Columbus AFB, Mississippi; Civil Air Patrol Repeaters: California and Texas

NOV A Profile of Edwards AFB – Aircraft from Concept to Combat

DEC Is the HF Radio Spectrum Really Dead? A Special Radio Frequency List for the Holidays: US Government/Military HF Freqs

ON THE BENCH

JAN Budget DX Crystal Radio, Conclusion Components and Construction (Dave Schmarder)

FEB How to Cook a Duck (Device Under Caloric Kinesis) (Walter Lindenbach)

MAR Salvaging California Amplifier Downconverters for Satellite Usage (John M. Franke)

APR Cheap DIY Solar Power for your Radio (Ben Jandrell)

JUN Building a Simple Ham Radio Project (Dave Schmarder, N2DS)

JUL Those Weird Noises on 1090 MHz (Larry Van Horn)

AUG Mode-S – IFF for the 21st Century (Larry Van Horn)

SEP Mode-S and the Message Squitters (Larry Van Horn)

OCT The Future is Now for Mode-S Monitors (Larry Van Horn)

NOV Handy Video Tuning Tool: Your Wireless Camera (Mario Filippi, N2HUN); VHF Audio/Video Transmitter (Raj. K. Gorkhali – Hetauda, Nepal)

DEC Restoring the Knight Star Roamer (Mark Haverstock, K8MSH)

ON THE HAM BANDS (Kirk Kleinschmidt)

JAN Paradigm Shift; Visual Aids – Then and Now

FEB The Right Antenna Tuner for the Job; One Size Doesn't Fit All; The truth About Tuners; Tuner Efficiency

MAR Coaxial Confessions; HAM2011.03.4 K4AVU2 Crimper

APR One Loop to Rule Them All; Horizontal Loops=Superior SWLing; The Source of My Loopiness; Building Horizontal Loops is Easy!

MAY Horizontal Loops – The Sequel

JUN Portable Power for Field Day and More!

JUL Affordable High-Tech Test Equipment; Q&As: Antenna Tuners; Q&As: Loop Antennas

AUG Six Meter: Stealth, QRP and Newbie Friendly!

SEP The Magic Band: More Mysterious Than Ever!

OCT The Old-School Performance of Open-Wire Line

NOV The Right Rotator for the Job: The Basics, Installation Types, Performance Specifications; Control Boxes and Accessories, Rotator Secrets

DEC Anniversaries, Interference and Spicy Coax: Ubiquitous Interference; Who's responsible for interference?; Clean up your own act; transmitter-related RFI; RFI: A Guaranteed Eventuality; Squirrel Chews From KK

PROGRAMMING SPOTLIGHT (Fred Waterer)

JAN Programs to Warm Your Heart: Orthodox Christmas, Scotland

FEB the Brave, Live and On demand, Podcasts, the Scottish Diaspora, Rocky Fortune, What's New.

FEB Cold Wings and Warm Sounds: Cuba, Gabon, Nigeria, South Africa, Australia, New Zealand; Hail, Fenwick; What's New – Voice of Russia; Programming Advance Notice.

MAR March Delight; the Migration to the Internet; Rest in Peace, Carl Watts; The Story of Pop; Hits in Germany; The New Capitalists; Food, Glorious Food; Programming Advance Notice

APR China Radio International; Radio Exterior de Espana English; Speaking of Larry Wayne . . . ; Russian-language Programming; Mmmmm, Leftovers; Radio Netherlands Program Guide

MAY Radio in Times of Crisis; Radio Prague; Radio Slovakia International; Swedish Radio International; HCJB; Recommended Listening; What's New?

JUN I Love It When You Talk Nerdy; News You Can Use; What's New

JUL Change is in (and on) the Air; Talking to (and about) Americans; How Important is radio?; Recommended Listening – Desert Island Discs

AUG Take Me Out to the Ballgame; Classic Comedy and New Laughs; Pirate Radio Ship Nostalgia

SEP Around the World in 80 Armchairs; Milestones and Memorable Moments

OCT Don't Look Over Your Shoulder . . . ; Halloween Programming; The Anachronistic and Unusual; Spotlight on the Economy

NOV New Programs and News Programs: New Flags Flying; Old Time Radio Shows; More Unusual Programming; News at it Happens, Sort of . . .

DEC My Favorite Season in Radio: Seasonal Fare; Internet-Based Radio Stations; The New Year Arrives; What's New

QSL REPORT (Gayle Van Horn)

JAN QSLing Comes to your Smartphone

FEB QSL Mix-Allot, Part 1

MAR QSL Mix-Allot, Part 2

APR Old Favorites Still Active!

MAY Special Event QSLing in Amateur Radio

JUN Radio Free Asia 15th Anniversary

JUL Firecracker Special 2011

AUG Palace and Lighthouse QSLing

SEP Ready for the medium wave season?

OCT Chainsaws, Ouija Board and Morak (Pirate Radio)

NOV New Stations, New Website, New QSLs

DEC Holidays and QSLing

RADIO RESTORATIONS (Marc Ellis)

JAN A Philco and Magnavox Joint Restoration
 FEB A Face Lift for the Philco; An Alignment for the Majestic
 MAR Reader Mail and More Philco Progress
 APR Realigning a Superhet
 May The Philco's Voice is Heard
 JUN Wrapping up the Philco Project
 JUL The BC-1206-C Beacon Receiver
 AUG Power for the BC-1206-C; The AWA Gateway; Coming Soon: the Annual AWA Convention
 SEP Firing Up the BC-1206-C
 OCT Introducing a New Project; Resurrecting a Garage Sale Find; Unfinished Business; Meissner Kits; The Broadcast 7
 NOV Addressing the Meissner Mystery
 DEC Picking Up the Thread: Tube Checking and Recapping; Smoke Testing; A Voice from the Speaker; From the Readers

SCANNING REPORT (Dan Veeneman)

JAN Dragged Into the Digital Age: Itasca County, Minnesota
 FEB Operating the Pro-106/PSR-500; Minden Parish, Louisiana; Louisiana Wireless Information Network; Radio Shack Pro-106; VIPER Clarification – Smartzone and Roaming
 MAR Easing In and Out of EDACS; Mobile, Alabama profile; OpenSky Closes Out Public – Stueben County, Indiana
 APR Scanning in the Heartland – Lincoln, Nebraska; Omaha, Nebraska; Clay County, Minnesota; Fargo-Moorhead Services; ARMER
 MAY Finding Elusive Public Safety Frequencies: Idaho; Dayton Hamvention
 JUN Steps in the Wrong Direction: Kansas; Steuben County, Indiana; Decoding APCO-25 Encryption – Not!
 JUL Selecting a Scanner for Syracuse; Eliminating Programming; Batteries; Stands; Onandaga County, New York; Dispatch Codes
 AUG The Open Sky Misnomer; Palm Beach County, Florida; West Palm Beach, Florida; Testing Open Sky; West Palm Beach Motorola System; Kanawha County, West Virginia; West Virginia Interoperability Radio Project (WVIRP)
 SEP Keeping Up with Upgrades: Huntington, WV; USB Cables; Pro-106 Firmware; Scanner Software; West Virginia Interoperability Project; Verbal Shorthand; Derry, New Hampshire
 OCT Security Problems with Project 25
 NOV The Truth about Encryption: Washington DC, Jacksonville FL; Media Relations, Impacts to the Community, Related

Constitutional Issues, Practical Issues, Cracking Keys, Key Management

DEC Scanning through the Decades: From Crystals to Synthesis

SHORTWAVE GUIDE (Gayle Van Horn)

JAN English (24 hours); German 1800-2300 UTC; Arabic 0000-1900 UTC
 FEB English (24 hours); Arabic 2000-2300 UTC; Chinese 0000-1000 UTC
 MAR English (24 hours); Chinese 0600-2300 UTC
 APR English (24 hours); Spanish 0000-0800
 MAY English (24 hours)
 JUN English (24 hours); Spanish 0900-1700
 JUL English (24 hours); Spanish 1700-2300
 AUG English (24 hours); Portuguese 0000-0900
 SEP English (24 hours); Portuguese 0900-1300
 OCT English (24 hours); Portuguese 1300-2200
 NOV English (24 hours); Portuguese 2300-2359; French (24 hours), Arabic (0000-0800)
 DEC English (24 hours); Arabic (24 hours)

SKY SURFING (Hamsats-Keith Baker / Radio Astronomy – Stan Nelson)

FEB HAMSATS: Get Ready for ARISSat-1!
 MAR RADIO ASTRONOMY: Listen Up, Sky Surfers!
 MAY HAMSATS: Manned Space and Amateur Radio
 JUN RADIO ASTRONOMY: ACARS; Satellite Monitoring; Inexpensive 12 GHz Radio Telescope; Radio Free Zones; Society of Amateur Radio Astronomers (SARA); Radio Astronomy at the Movies
 AUG HAMSAT: Spotlight on the Japanese Amateur Radio Satellites; AO-51 Also Ailing; ARISSat-1 Update
 SEP RADIO ASTRONOMY: Sudden Ionosphere Disturbances: RAS 40 kHz VLF Radio Telescope; An Inexpensive VLF Receiver; Another way to measure a SID?; A Dual Jove Receiver Simple Interferometer; Radar shoots down UFOs during WWII?; Visiting NRAO's EVLA – Part 1; Radio Astronomy in the Movies
 NOV HAMSATS: Spotlight on AMSAT-OSCAR 7; ARISSAT-1 Update
 DEC RADIO ASTRONOMY: Visiting NRAO's EVLA – Part 2; Observing the Sun's Radio Spectrum; SDR-14 in Operation; National Radio Astronomy Observatory; RAS-VLF-1; Radio Astronomy in the Movies

TO THE EDITORS (Rachel Baughn)

JAN A New face for the Ham Bands; Antenna Buyers Guide No Service; Cannabis or Can 'a Worms?
 FEB More Power to You; Digging for Discones; Old Times Radios; Antique Radio Classified
 MAR MT Welcomes New Writers: Stan Nelson, KB5VL and Kent Britain, WA5VJB; Thanks, MT! Shortwave on Facebook? Shortwave on Streaming Audio; Internet Radios
 APR The Lighter Side of Radio; Iceland vs Greenland; Grundig 750 Critique; Three Questions for Mike (Frye)
 MAY Milcom Blog Hits the Bigtime; Help Preserve Ute History; Cook a DUCK; Mast Material; MT at 30 Years
 JUN A Window to the World; Free to Air; Additions and Corrections
 AUG Digital TV Audio?; China and Russia; One More Museum
 SEP Tell US About You; More Museums; Robert Arnold Coburn (SK) plus the MT 2011 Reader Survey (Page 5)
 OCT Pizza Pan Antennas? More on Mobile Shortwave; Farewell to Friends (SK): Nada Byers (Grove Employee) and Dr. Bruce Elving
 NOV Aircraft Receiver Project; Kudos to MT; Even More on Disc Antennas; Soldering to Aluminum?; Digital TV DXing; Apocalypse Now??
 DEC Bell+Howell Loggings; Memories of Radio; Front Row Seat; Pictures from Space; Ham App; Sangean DAR-101 Review; MT Corrections

UTILITY WORLD (Hugh Stegman)

JAN Canadian Navy Closes CFH WEFAX/RTTY; North Atlantic Ice Season Begins.
 FEB What's Up with Solar Cycle 24? WebSDR Update; Thailand Radiofax Lives!
 MAR HF Aero Mobile: A Breathless Introduction – MWARA, RDARA, LDOC and Volmet; We're on Twitter
 APR The World's Most Accurate HF Radiofax List; CanForce Halifax Corrections; FEMA Update
 MAY 2011: Sunspots, Trouble Spots and Radio: Libya, Egypt, CW is Alive #1 and #2
 JUN E10: Israeli "Numbers" Broadcasters Gone!; Chinese Strangeness; Vietnam Back? Libya Update; Chilean Early Warning Center; Japan Update; Russian Military
 JUL Recent Short Wave Military Activity; End of WWV GeoAlert
 AUG More Changes at CFH; Arcane Military Transmissions?; Finding STANAG 4285; Decoding STANAG 4285

SEP In Search of UVB-76; WWV
Geoalert Lives! ONEMI Update;
CFH Update; EN875TOC Update

OCT It's Halloween: October
"Numbers" Survey; Still Stalking
ONEMI; Meet PacTOR IV

NOV WLO Begins Public RTTY
Broadcasting; Vietnam Mystery
Deepens; Hurricane Frequency
List?

DEC Here Comes the Sun: HF is
Back!

WHAT'S NEW (Larry Van Horn)

Books, CDs

JAN The 2011 ARRL Handbook for
Radio Communications; ARRL
Guide to Antenna Tuners

FEB 2011/2012 Guide to Utility Radio
Stations (Bob Grove); Scanner
Digest e-zine

MAR Klingenfuss 2011 Shortwave
Frequency Guide (Gayle Van
Horn); 2011 World Radio TV
Handbook (Gayle Van Horn)

APR WRTH Bargraph CD Now
Available; Hitter's Radio War

MAY New edition of Low-band DXing
(ARRL pub); ARRL License
Manuals Revised; Police Traffic
SPEED RADAR Handbook

JUL ARRL Repeater Directory;
Domestic Broadcasting Survey
13

OCT Is My Cell Phone Bugged? 2011
Pirate Radio Annual

NOV New Dictionary for Hams; NRC
AM Radio Log; ARRL's Small
Antennas for Small Spaces;
Tower Site Calendar 2012
Celebrates 90 years of Radio

DEC The Worldwide Listening Guide

Equipment

JAN Microham Digikey II Digital Mode
Interface

AUG Elecraft KX-3; MFJ-9200 six
band QRP transceiver; WinRadio
WR-G33DDC; Hygain SPT-500;
MFJ-2299 20-meter antenna

OCT Bonito IF-Receiver Radiojet
1102S Debuts in Europe

DEC New Comet Antenna Analyzer;
SolderBuddy® Hobbyist HAM™;
West Mountain Radio Rigblaster
Advantage

Internet/SmartPhone Apps

JUN Aircraft and Ship tracking Go
High Tech: Plane Finder/Ship
Finder (Pinkfoot)

Software

APR New JT65A Ham Software

AUG AirNav Live Flight Tracker-8
Released; SSB Electronics
Perseus SDR software engine
V4.0a; New Icom receiver
Software Update Released

SEP HomePatrol-1 The New Extreme
Version

DEC DXtreme Station Log –
Multimedia