

Monitoring Times 2008 Index

FEATURES

Broadcast

High school radio stations JAN
RAE Goes Gold FEB

Nostalgia/Human Interest

A Shack of My Own FEB
Exchanging Words: WW II FEB
Signal Reports FEB
Art Bell: A Voice in the Night APR
MW DXing Retrospective APR
Morse Code Still Fun MAY
QSL Card Legacy JUN

Scanning:

Monitoring Chicagoland's Airports MAR
The Annual MT Air Show Guide MAR
Welcome to Silicon Valley JUN
I Just Want to Listen to the Police JUN

Technical

Power vs the Planet JAN
Surround Sound for DAB Radio JAN
Summer Propagation Outlook APR

Utility

High-Flying Hams MAR
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Ham Digital Modes MAY
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Taking the Technician Exam MAY
Fun with Emergency Comms MAY
Hamfests and Moon Pies JUN

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

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

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?

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

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.

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

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 va 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 Balk 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

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 WorldStation V4.2: A Program Worth Buying? Part 1
 JUN

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); Digital Bandscan (9000-9200 kHz)
 APR Russian Forces Signals: LP90 and MH90 net; PR0nn net; STANAG4197 voice modem; Russian mil sigs on rise; Digital bandscan (5100-5300kHz)

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

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

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

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.

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

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)

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? Hoe 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

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

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

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

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"

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

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

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;

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

WHAT'S NEW

Books, CDs

ARRL Handbook Jan
ARRL Hands-on Radio Experiments May
ARRL HF Digital Handbook Feb
ARRL Instructor's Manual May
ARRL Low Power Comms Jan

ARRL VHF Digital Handbook May
Klingenfuss Shortwave Freq Guide Mar
Klingenfuss Super Freq List on CD Mar
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
Hamcalc Jun
Sunair/FlexRadio Agreement Feb

Equipment

Bearcat BC-95XLT Scanner Feb
Icom IC-92AD VHF/UHF Tx Apr
Yaesu FT-950 HF/50 MHz Tx Feb