

Monitoring Times 2008 Index

FEATURES

Broadcast

High school radio stations JAN
RAE Goes Gold FEB
WBCQ. The Planet SEP
BBC. More than a World Service OCT

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
Relive WW II via Radio JUL
Bletchley Park OCT
Tuning in Transmission Art OCT
107 Years of WCC NOV

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
Heart of Dixie, Montgomery AL JUL
Scanning Lake Lanier JUL
Illinois StarCom21 State System AUG
What's in the Back Room? AUG
Sorting Out the Spectrum NOV
Scanning the Slopes DEC
Scanning Chicago DEC

Technical

Power vs the Planet JAN
Surround Sound for DAB Radio JAN
Summer Propagation Outlook APR
BC Band Antennas for Suburbia SEP
Can MW Listening Still be Fun? SEP
Amateur Radio Operator's Frequency Guide (Service Search) OCT
Fall-Winter Propagation NOV
Communications Trailer DEC

Utility

High-Flying Hams MAR
Working the World with Ham Digital Modes MAY
This Ham's no Pork (ham license) MAY
Taking the Technician Exam MAY
Fun with Emergency Comms MAY
Hamfests and Moon Pies JUN
Citizens Band at 50; still useful AUG

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 arrester w/o bus bar? How do know if gas-discharge arrester 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 Girls.

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 WB2ZZW; 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 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
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, ballonn 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 "Erithropia" 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;
- DEC 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