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  - (KUOM-FM); IBOC news; 2 station changes  
  - (Nevada)
- Playing the AM Cheatin' Game  
  - (nighttime broadcasting); height
- Moving Day, Part 2  
  - (Canadian AM stns moving to FM); WLW-700, WOR-710 IBOC tests; NRC

### ANTENNA TOPICS

- Radio Gone Berserk! Intentionally Wasting RF  
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- Effects of Frequency and Wavelength  
  - Feb
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  - Mar
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- A Useful, Easy to Make, Inexpensive Antenna (random-length)  
  - Nov
- Antennas for Medium-Wave DXing  
  - Dec

### BEGINNER'S CORNER

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

### APRIL

- 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
- Whither Radio? (digital modes etc); Sat radio boom box; music on, music off; experimental stn
- QSL; listening in S TX
- 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
- Digital Status Report: Digital Radio, Digital TV; Comings and Goings
- Book Reports (FM Atlas, AM Log, WFTDA TV Station Guide); Digital TV DX; equip for low power FM listening
- Moving Day, Part 3; Expanded Band Countdown; FM Skip
- Broadcasters that Aren't (not in FCC database); more exotic DX; WHITE move
- IBOC and LPFM Status; B&P
- IBOC test station
- Digital TV DX; equip for low power FM listening
- Go West, Young Man; South American loggings; Permission to Move; Wants to Move; Going Digital in Canada

### BELOW 500 kHz

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

### CLOSING COMMENTS

- Powell Proposes Radical Shift for FCC - Fred Maia
- No Commercial Market - Dr Paul Shuch
- Secrecy Infests Shortwave Relay Deals - Glenn Hauser
- "Midland 1 Listens" - Two Thumbs Up! - Jock Elliott
- Freedom to Listen Lament (no excuses)
- HCJB Abandons North America and Europe vs. FCC Allocates More Spectrum to HF Broadcasting
- MT Marks a Milestone (Q&A with Larry Van Horn)
- A Bad Law Narrowly Averted (Nevada)
- Rumors of DX Death Greatly Exaggerated
NOV Cobra's Sweet-Sounding
PR4000WX
DEC Rothenbok 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 WRTH update File; EI Dorado for LA DXers; DX Signal site
JUN (see Closing Comments)
JUL "Monitoring" Shortwave People (Steve Anderson, Harry Klipphuis, Richard Kotey, RKL Jem Cullen)
AUG Web Resources
SEP Spurs, Images, and Harmonics
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 pictures, picture of RFM location
MAR What's the Law?, Satisfied Satellite User, Raindrops Encounter, Lowband Listening, Coro at Kulpsville?, Happy Associations, unid radio shack
APR "Frequency Matters" correction; cooking show and MT anthology; Quantum XQ Vave; Radio in My Life winning essay

MONITORING AND THE LAW
MAY Our E Pluribus Unum Radio Laws
JUN New York Radio Scanner 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; DF1 and Doppex Digital
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 Diplexers (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 Cancelling Tool, MFJ-1025; modifying the MFJ-1025 for AM/LW
JUN Software for the RX320
JUL Two Eras of Technology: The National NC-183 vs. the Icom R-71A

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 Euroripire Freqs; UK Gov Chasing Pirate ISPs; Kulpsville 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 KFPM 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; McCarran [Las Vegas]; Port Columbus and Rickenbacker [Columbus, OH]; Ft Wayne)
JUN Visiting Texas (Ft Worth ARTCC, Denver International Airport Freqs (New Orleans, Oakland))
AUG Selected Programs: Coast ARTCCs (Seattle, West ARTCC remote tx sites); HF Aeronautical Frequencies; West Coast ARTCCs (Seattle, Oakland)
OCT Plane Talk about Denver; Denver ARTCC, Denver International Airport Freqs
NOV Monitoring the Test Pilots; Robins AFB airshow

PROGRAMMING SPOTLIGHT
JAN It Helps to Have a Big Brother
FEB Two international media competitions: NY Radio Festival, The Third Coast Festival
MAR Award-Winning International Radio
APR "Gone," but not Unheard (how to hear stations not targeting NA)
JUN Just Stickin' to 49 (meters)
AUG Appointment Listening and Other Tips
SEP The 30-Minute Radio Magazine
OCT Monitoring the Voice of America
NOV DX Programs: the VOA and You
DEC "Shortwave" without Shortwave

QLS 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 6S229 Project
JUN Our Next Project: The Hallicrafters S-40A
JUL The Hallicrafters S-40A: Clearing the Decks
AUG S-40A Cosmetical 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 Americas-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); Glaxay 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; Galaxy 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 Variable 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 Tabtop Scanner
JUL ICOM IC-R5 Portable Receiver; Nitelogger II Source
AUG Software for ICOM IC-R10 and IC-R5 Receivers
SEP The Tactics of Highly Successful Scanners
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?
AUG Digital Police Special; Who's going digital and who's not
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; movie freqs; Detroit PS freqs; SE Pennsylvania freqs
MAY The Wireless Metropolitan: 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, Philadelphia, 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; Union 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 Testing 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, Rapidies Parish, LA; Jacksonville, FL; Anne Arundel Co, MD; Montgomery Co, MD; Philadelphia, PA; Cleveland, OH; Belham, NH

AUG
Radio Shack Announces PRO-96; Interference

SEP
Radiocontrol communications 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; Rapidies 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

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 geoalert software

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

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

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 LRT; 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; Solar 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; NOAA HRIT and LRTIT, impact on GOES WEFAX; NOAA-17 reduces tx power; GMS-5 to GOES-9 transition plans up

AUG
Digital Weather Satellite Transmissions - LRT; internet site reminder

SEP
Getting Started with Weather Satellites, Internet Site Update

OCT
Basic WXSAT Reception

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

DEC
Bang! Crash! NOAA-N accident, NOAA 16 Problems; LRT 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, CD, Cables
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
Bepo 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
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 May
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
Rainfall Welcome database Oct
Shortwave Report (San Roberts) Oct
Transport-comms newsgroup Oct
Wissippi Oct

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 Jul
Davis Wireless Weather Station Jun
Edmund Scientific power supply Jan
Griffin-Trip for iPod Apr
Icom IC-R5 Jul
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
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