

DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Vol. 56, No. 1 - Monday, October 3, 1988 (ISSN 0737-1659)

From the editor ...

The first issue of the volume always marks the beginning of the weekly issues of *DX News*, and in the manner of new year's resolutions, I'm going to take steps to get *DXN* to you in a timely fashion. The pasteup for this and the last three issues has been in the printer's hands early each Monday morning, but what has happened between that time and the point at which you pull this publication out of your mail box would cause Murphy, of Murphy's famous law, to rejoice. And the blame fall squarely on me at least a significant part of the time. I promise to do better, and I appreciate your patience. If you must complain, call me, not the publisher.

Addresses ... We'll say it again: send your mail to the proper places, please, so that the cost to the club of forwarding letters may be eliminated. Don't send renewals to me; they go to HQ in Wisconsin. Consult the back page for the correct addresses.

Inside ... Due to some editors being on vacation and my not informing column editors as to the exact deadline for this issue, this issue contains fewer columns and more features than usual, but I think you'll like the temporary change. You can count on a full slate of columns next week, however.

She joined ... Christine Klik, Syracuse, NY, has increased the percentage of our distaff members by a significant number.

DX Audio Service ... WANTED: A few GOOD voices! If you presently work in radio, or have worked in radio, and you have some spare time once per month, we could use your help. The National Radio Club's DX Audio Service (NRC's books for the blind project), needs several people to voice short articles and stories on tape for the blind. Any help would be appreciated, and you will be sent a copy of the DXAS for your trouble. Anyone interested should contact Fred Vobbe - NRC's DX Audio Service - 706 MacKenzie Avenue - Lima, OH 45805-1835.

DXChange ... For sale: Palomar VLF converter. Has crystals installed for either 3.5-4 mHz or 4-4.5 mHz receive frequency. Converts 10 kHz-500 kHz up to either of the above tuning ranges on any receiver capable of tuning those ranges. Works great - in like-

new condition. \$55.00 shipped UPS. Dick Truax - 3003 Gleeson Ln. - Louisville, KY 40299-1617 (502)491-2871, weekends.

Have following photocopied manuals available for \$6.00 each, shipped: Drake SPR-4 receiver, Hammarlund HQ-160 receiver, Hammarlund HC-10 sideband adapter, TMC CV-591A (aka MSR-4) sideband adapter. (Truax)

The following items belonged to former NRC'er David Peters and are being sold for his widow: Gilfer M-1 Multi-tuner. An rf impedance-matching device to be used between a shortwave antenna and receiver. Tuning range is 2-35 mHz. Matches any random length antenna to the receiver for optimum reception. Excellent condition. \$40, shipped UPS. (Truax)

McKay Dymek DA-5 shielded ferrite rod directional AM antenna. Has two-stage FET amplifier with frequency and sensitivity controls. Like-new condition, very nice looking. \$65, shipped UPS. (Truax)

Drake SPR-4 receiver with FS-4 synthesizer, 5-NB noise blanker, SCC-4 calibrator, AL-4 directional loop and MS-4 matching speaker. Total package shipped UPS, \$375. All units in excellent condition with manuals. Would consider selling MS-4 speaker and FS-4 synthesizer separately. Also has Sanserino

continued on page two

DX Time Machine

From the pages of *DX News*

Ten years ago ... Oct. 9, 1978: New members include Bill Bergadano, Dennis Kelly, Thomas Kelly, Leonard A. Moniz, Alfred E. Rosinski, Chris J. Stark, Genero J. Collotto, James B. Dotson, and Morris Sorensen (rejoined) ... Dallas Lankford is attempting to ID two LA splits on 1255 and 1285 ... Mike Tuggle hears CKYR-1450, 100 w., on a crystal set ... Hank Wilkinson hears such TP's as Fiji-891, Tarawa-944, and 2NR-700.

Twenty-five years ago ... October 5, 1963: Ernie Cooper buys an HQ 180C, hearing WKJR-1520 first ... WBT-1110 goes AN as of 9-1 ... Stan Morss hears KUDL-1380 ... Andy Rugg verifies Guadeloupe for his 32nd country ... the club governing board rejects a proposal from Ernie Wesolowski for perpetual memberships going to the publisher, Musings editor, and the foreign editor.

THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB

②
 mods to enable use of 2.3 kHz sideband fitter in AM mode for better selectivity and in addition can disable AVC for increased sensitivity in weak signal DX'ing. (Truax)

Realistic Pro50 stereo headphones, excellent shape. \$15, shipped UPS. (Truax)

Trade or sell: Hagan Loop, 21" ferrite core loop covering 10 kHz thru 1950 kHz, one of 25 sold by Jim Hagan. Has coils for 10-75 kHz, 73-550 kHz, 350-1950 kHz. Built-in broadband FET rf amplifier and tuning circuitry. Requires 12 VDC. Includes vernier tuning and setting circle for DF'ing. Has tested out as far superior to the three commercially available ferrite loops for BCB DX use. Will trade for a large collection of back issues of *Sky & Telescope* and/or *Astronomy* magazines. Astronomy books considered. Other "interesting" trades considered, also cash bids (\$90 minimum). W. T. Farmerie - 62 Sunrise Ave. - Grafton, MA 01519-1006, (508) 839-5143 any hour after 8 pm ELT.

Type style ... These two pages are prepared on a Macintosh SE, using 12-pt. New Century Schoolbook for the body type (Helvetica for "DX Time Machine"). The printer reduces the pages to 59% of original, making this type about equal to 7.08 point. Assuming that I continue to have access to my school's equipment, including a LaserWriter® II NT, if your equipment now is compatible with the Mac and you use Microsoft Works, or eventually even an Apple IIGS or Apple IIe and Appleworks 2.0, we could consider using editors' 5 1/4" or 3 1/2" submissions on diskettes and converting your text into a standard format, probably two-column like this. If I ever get rich and purchase my own equipment, including modem, ThunderScan or some other optical scanner, etc., we'll be able to accept submissions via modem and even columns typed as many of you do now and convert them to a standard format. Ah, technology!

FORMATS

Tony Fitzherbert

356 Jackman Avenue, Fairfield, CT 06430

And a big welcome to the first of the Fall FORMATS columns, as we begin what, hopefully, will be a great DX season. With stories of sunspots, many more stations occupying the previously sacred clear channels, and reduced night powers, this will be a challenging season.

To Greg Coniglio we give thanks for sending along this classic ID. To catch it, he must be proficient with shorthand. Here it is, the only ID for WGMF - 1500, Watkins Glen, N.Y.:

"This is the Wings radio network, WGMF, Watkins Glen, WGNZ, Montour Falls, Wings 93.5, Horseheads, Wings 93.5, Corning, Wings 93.5, Elmira. This is the Twin Tiers Wings radio network!"

All this in six seconds! What a classic.

Along with Greg (GC), we thank the ever reliable M Street Journal (M), who is really on top of all format changes, and is very helpful to us. Kudos also go to Ed Mitkus (EM), Chris Cuomo (CC), Wally Wawro (WW), who surveys Waco radio for us, Eric Bueneman (EB), who updates us on the St. Louis scene, Ron O'Connor (RO), who updates us on Metro Anchorage via Geov Parrish, and Floyd Perry (FP) who brings us to San Jose via Geov. Both locations are regulars every night on the EC.....I WISH!!!

Turn on your radio..here we go!

- | | |
|------------------------|---|
| 550 KENI AK Anchorage | - News/Talk (RO). Was Anchorage's rocker in the 1960's (TF). |
| 550 KFRM KS Salina | - Oldies (M). |
| 550 KUSA MO St Louis | - Modern CWM (EB). |
| 550 WSAU WI Wassau | - Adult standards (M). |
| 590 KHAR AK Anchorage | - EZL, 24 hours (RO). As it was 20 years ago! Call stood for Hart Radio (TF). |
| 590 WRTH IL Wood River | - NOS, Talk (EB). |
| 590 CKEY ON Toronto | - "Key - 590, Toronto's Classic Hits" (GC). |
| 620 KGW OR Portland | - Oldies (M). |
| 620 WNNR WV Beckley | - Oldies, Talk (M). |
| 630 KIDO ID Boise | - News/Talk (M). |
| 630 KXOK MO St. Louis | - Talk, MBS, Sun Net. (EB). |

55 KUSA

- | | |
|----------------------------|---|
| 640 WJTZ TN Blountville | - Oldies, "Tri-Cities Gold Standard" plus Talknet and LK (EM). |
| 650 KYAK AK Anchorage | - CWM, 24 hours (RO). |
| 660 KGDP CA Orcutt | - New station, news and Rel (M). |
| 690 KSTL MO St. Louis | - Spanish (EB). |
| 690 XETRA BN Tijuana | - News/Talk (M). |
| 700 KBYR AK Anchorage | - Rock oldies, 24 hours (RO). I remember this call on 1230 in the early 1960's - he carried all over Alaska, and regularly accepted dedications from the YT (TF). |
| 730 KLOE KS Goodland | - AC (M). |
| 730 KWRE MO Warrenton | - CWM and UPI (EB). |
| 730 WDOS NY Oneonta | - AC (GC). |
| 750 KFQD AK Anchorage | - AC, 24 hours (RO). |
| 760 WCIS NC Morgantown | - New station, REL(M). |
| 770 WEW MO St. Louis | - BBD, CNN (EB). |
| 770 WYXX VA Cedar Bluff | - Now CWM (EM). |
| 790 WETB TN Johnson City | - Drops "Breeze" for REL (M). |
| 830 KABN AK Long Island | - Rock oldies, 24 hours (RO). |
| 850 KFUP MO Clayton | - REL, operates to KOA sunset (EB). |
| 860 WCKS FL Cocoa | - Silent(M). |
| 900 WDVV PA Philadelphia | - Silent (Al Holtz to TF). |
| 920 WGNU IL Granite City | - Var, AP/UPI (EB). |
| 940 WINZ FL Miami | - Now all news (M). |
| 960 WHAK MI Rogers City | - Soft AC (M). |
| 960 WWGR TN LaFollette | - "Gospel 96", REL (CC). |
| 980 KMJJ LA Shreveport | - UC//FM (M). |
| 980 WAYL MN Richfield | - EZL (M). |
| 990 WHOO FL Orlando | - Rock//WHTQ, and sports (M). |
| 1000 WLUP IL Chicago | - AOR "Chicago's Loop" (CC). |
| 1010 KXEN MO St. Louis | - Southern Gospel (EB). |
| 1010 KBBW TX Waco | - Contemporary Christian, 0600-2400 (WW). |
| 1010 WSPQ WI Stevens Point | - Oldies (M). |
| 1020 KCFA AK Eagle River | - Contemporary Christian (RO). |
| 1080 KASH AK Anchorage | - Contemporary Country (RO). |
| 1110 WCBR KY Richmond | - CWM (M). |
| 1120 KMOX MO St. Louis | - Talk/EZL(EB). |
| 1130 WEEQ PA Waynesboro | - "Classic Rock" (M). |
| 1170 WHZI AL Hanceville | - Oldies (M). |
| 1170 KLOK CA San Jose | - Now Spanish (FP and M). |
| 1210 KEBR CA Rocklin | - New station, REL (M). |
| 1210 WILY IL Centralia | - Soft AC (M). |
| 1230 WGGG FL Gainesville | - Talk (M). |
| 1230 WISP NC Kinston | - AC (M). |
| 1230 WNHX NH Berlin | - Still silent, noted on annual visit (TF). |
| 1230 KWTX TX Waco | - NOS (WW). |
| 1240 WXGL ME Lewiston | - Curious combination of oldies, soft rock oldies, big band, and nostalgia, often // w FM (TF). |
| 1250 WZOU AR Little Rock | - Oldies (M). |
| 1260 WIBU IL Belleville | - AC/German (EB). |
| 1280 WNPT AL Tuscaloosa | - News, sports, CHR (M). |
| 1290 KAZA CA Gilroy | - Spanish "Casa" (FP). |
| 1290 KBMO MN Benson | - CWM (M). |
| 1290 WHKY NC Hickory | - Drops CHR/AC for all talk (EM). |
| 1300 KYNO CA Fresno | - Dance "Hot 13", CHR (M). |
| 1310 WISE NC Ashville | - SMN Adult Standards (M). |
| 1320 KSIV MO Clayton | - REL, USA Net (EB). |
| 1350 WRNY NY Rome | - Silent (M). |
| 1360 WYER IL Mount Carmel | - Talk (M). |
| 1370 KEEN CA San Jose | - CWM (FP). |
| 1380 WHRS KY Winchester | - The ex-all horse news and features station now places a \$2 bet on EZL (TF from M). |
| 1380 KGLD MO St. Louis | - Rock oldies (EB). |
| 1400 WCOH GA Newman | - Satellite AC (M). |
| 1400 KVOE KS Emporium | - Soft AC (M). |
| 1400 WBRL NH Berlin | - SMN AC and SNN, live assist drives (TF). |
| 1400 WGKT NY Buffalo | - Oldies "14-KT" (GC). |
| 1400 KATI WY Casper | - Silent (M). |
| 1410 WNCQ NY Watertown | - CWM (GC). |
| 1430 KNVA CA Santa Clara | - Spanish (FP). |
| 1430 WIL MO St. Louis | - CWM (EB). |

KMOX
 CBS Radio
 A Division of CBS Inc.
 One Memorial Drive
 St. Louis, Missouri 63102-2498

Barry S. Finkel

10314 S. Oakley Avenue, Chicago, IL 60643

④	1440 KXAM TX	Helotes	- Silent (M).
	1450 KTIP CA	Portersville	- Adult standards (M).
	1460 KDON CA	Salinas	- Spanish (M).
	1460 KIRL MO	St. Louis	- Black Gospel, Jazz (EB).
	1460 WACO TX	Guess where??	- CWM, 24 hours (WW).
	1490 WESL IL	East St. Louis	- Gospel, contemporary Christian (EB).
	1490 WJFL MS	Vicksburg	- UC (M).
	1490 WCDO NY	Sidney	- AC//FM 100.9 (GC).
	1500 KHTT CA	San Jose	- Rock oldies (FP).
	1500 WGMF NY	Watkins Glen	- See intro to column, GC visited studio which was closed.
	1510 KCAF CA	San Rafael	- CWM (M).
	1510 WINV IL	Highland	- AC (EB).
	1510 WXLX NC	Blowing Rock	- Drops AC for CWM (EM).
	1520 WITM TN	Elizabethtown	- Drops REL for AC (EM).
	1530 KGTV TX	Georgetown	- Silent during upgrading of facility (M).
	1540 WKXG MS	Greenwood	- UC(M).
	1550 WAAY AL	Huntsville	- Silent (M).
	1570 WBGZ IL	Alton	- AC/CNN (EB).
	1580 WBGW FL	Mt Dora	- Silents (M).
	1580 KRZI TX	Waco	- Classic Hits, 50's - 80's (WW).
	1590 KLIV CA	San Jose	- MYL (FP).
	1600 WUNR MA	Brookline	- Ethnic, Spanish (CC).
	1600 KATZ MO	St. Louis	- Gospel, Motown oldies (EB).



And that is it. As we get into the DX season, keep your fellow DX'ers informed in this very column of all of the different formats which you will hear, in the perpetual battle of the ratings. And, for our contributors this issue, thanks very much and a ride on Metro North Commuter Railroad to each of you!!!!

73's

WMMW-1470 in Meriden, CT is switching from Adult Contemporary programming to a New Age and Motivational Format. The station will play 3 to 5 minute motivational mini-lectures from the likes of Leo Buscaglia, Norman Vincent Peale, Tom Hopkins and others. Station owner Anthony J. Pescatello says that only two other stations in the country have similar formats, one in Salem, NY and the other in Pompano Beach, FL (WVNN), with a third scheduled to go on line in the Detroit area soon. The station will rely more heavily on automation and has cut its full-time on-air staff from 8 to 4. On October 30th 1938 the Orson Wells produced classic, The War of the Worlds, hit the airwaves and upset the nation. To commemorate the 50th Anniversary of this event, a new version is currently being produced for National Public Radio. It will be produced by George Lucas and be supported by some heavyweight personalities the likes of Jason Robars, Steve Allen, Douglas Edwards, Carl Sagan and Ray Bradbury... Retired Judge Howard E. Goldfuss has begun a daily talk show of WMCA answering legal questions from 8 to 10 a.m.

Ping Pong Diplomacy has certainly come a long way. The Satellite Music Network, will be feeding Radio Shanghai with four formats commencing September 5th... WCVG's switch to all Elvis programming has netted the station a 300% increase in ad rates and a 500% increase in sales. I wouldn't go out and mortgage the farm yet, as I am sure these figures really represent an anemic pre-Presley book... Also on the heels of the recent Is Elvis Really Dead? hype, KRLA has offered \$1,000,000 to the listener who can Elvis down to their studios. I guess radio will always have its purveyors of poor taste... Jerry Baker has been tapped to do color commentary for WIBC's coverage of the Indianapolis Colts... WEBR's Maria Todd has moved over to WWBK's morning news spot.

It is not that often when TV Newcasters switch over to radio, but in Vancouver Bill Good, Jr., is leaving CBU-TV for a 12:30 to 3 p.m. phone in show on CKNW... UPI has named Bryan Brewer, of WFLA, has been named the best news reporter in the Southeastern U.S., as part of the 1988 UPI Broadcast Awards... WJWJ newsman Derek Hill has moved on to new pastures at WMAQ... KSKS-Tulsa has axed most of its staff and switched to 24-hrs a day syndicated programming.

-via Pete Kemp

UPI has named Bryan Brewer, of WFLA, has been named the best news reporter in the Southeastern U.S., as part of the 1988 UPI Broadcast Awards.

-via Pete Kemp

Two baseball networks in this column, courtesy of John Malicky and Andrew Rugg. My apologies to them for the delay in sending this column to Paul Swearingen. Please send me any baseball and NFL lists that you may have. Thanks.

Montreal Expos (French)

550 CHLN-PQ	900 CKVD-PQ	1240 CJAF-PQ	1330 CKLD-PQ	1380 CFDA-PQ	1450 CHRT-PQ
560 CKCN-PQ	910 CHRL-PQ	CJMD-PQ	1340 CKMG-PQ	1400 CKFL-PQ	
610 CHNC-PQ	970 CKCH-PQ	CKLS-PQ	CJAN-PQ	CJFP-PQ	
630 CHLT-PQ	1000 CFLP-PQ	CFLM-PQ	CHAD-PQ	CKRN-PQ	
730 CKAC-PQ	1150 CHGM-PQ	CJLP-PQ	CFED-PQ	1420 CJMT-PQ	
800 CHRC-PQ	1220 CFVM-PQ	1310 CHGB-PQ	1350 CHAL-PQ	CKTL-PQ	

Pittsburgh Pirates Lanny Frattare, Jim Rooker, John Sanders, Steve Blass

590 WMBS-PA	1000 WJOO-PA	1330 WETZ-WV	1400 WKBJ-PA	1450 WFRA-PA	1490 WMGW-PA
600 WFRM-PA	1020 KDKA-PA	1340 WCVI-PA	WKWK-WV	WMAJ-PA	1580 WANB-PA
620 WNNR-WV	1050 WADC-WV	WTRN-PA	1420 WBRD-FL	WJPA-PA	1600 WPOC-PA
720 WIII-PA	1160 WCCS-PA	WHAR-WV	1430 WVAM-PA	1480 WCNS-PA	
920 WMNM-PA	1270 WCBC-MD	1390 WFMJ-OH	WEIR-WV	1490 WOHI-OH	100.9 WRAX-PA
940 WESA-PA	1280 WKST-PA	WKLP-PA	1440 WAJR-WV	WESB-PA	102.1 WDWQ-PA
990 WVSC-PA	1310 Wbfd-PA	1400 WAMQ-PA	1450 WEYZ-PA	WJNL-PA	107.1 WEXC-PA

Broadcasters Lobby FCC On Allocation

A coalition of broadcast groups led by the NAB is urging the FCC to pay more attention to the concerns of radio and television stations as it considers new and expanded uses of the spectrum.

"If our free local and universal broadcast system is to survive in an era of increased competition, we must have the capability not only to maintain our current level of service but to match the technical quality of other media through improvements," said the broadcasters in an August 3 letter to FCC Chairman Dennis Patrick. "But our opportunities may be completely undercut if FCC policies in the interim result in eroding the technical integrity of present broadcast signals."

The six-page letter was signed by the presidents of the NAB, the Association of Independent Television Stations, the Association of Maximum Service Telecasters, the Corporation for Public Broadcasting, and National Public Radio.

"We must have the capability not only to maintain our current level of service but to match the technical quality of other media through improvements."

Increased Tolerance For Interference

The broadcasters charge that the FCC, in its rush to provide new and expanded services that it believes the public wants, has demonstrated an increased tolerance for increased interference in the broadcast services.

-Both R&R, via Jerry Starr

-Randall Bloomquist

rule changes that might result in increased interference has been obscured by the fact such changes are being evaluated in several different proceedings.

"Each proposal, standing alone, may not have universal or devastating interference consequences, but their cumulative effect can be severe," said the coalition.

Ironically, the broadcasters, many of whom have benefitted from recent FCC deregulation policies, also chastised the Com-

mission for "increasing reliance on marketplace forces as a substitute for regulation (of interference)."

"While marketplace decisions may best serve consumers in many other areas, they cannot be expected to protect the public's service from interference," said the group. "Nor do we believe the Communications Act provides the Commission with the leeway to allow interference protection to become a matter of private negotiation among users of the radio spectrum."

WCBM Faces License Loss, Plots Comeback

WCBM/Baltimore, the Ellek Seymour-owned station that has been dark since late May, could be back on the air shortly in a bid to prevent the FCC from yanking its license.

WCBM has been off-air since May 27, when the entire staff walked out in protest of the station's repeated failure to issue paychecks on time. Since then Magic 680, the Seymour-controlled company that holds the WCBM license, has been placed in receivership by a Baltimore County judge.

Court-appointed receiver Bennett Gaines last week told AP he hopes to have WCBM operating on a limited basis by September 15. Gaines said the station must be in operation by that date or it faces

possible loss of its license, which expires October 1. He estimates he will need to borrow between \$10,000 and \$20,000 in order to get the station back on the air long enough to protect its license and find a buyer.

Seymour, who acquired WCBM in February of 1987 for \$2.5 million, was attempting to sell the station when the employees walked out. Gaines, who could not be reached for comment, told AP that WCBM is more than \$1 million in debt.

August 26, 1988

dial. The J4 MCS dial is difficult to read because of poor #47 bulb positioning and glare reflected from the glass window. For viewing ease and dial durability the R-390A is by far the winner. My J4 front panel is St. James gray (it looks black to me) with white silk screened lettering. The paint is finely textured, somewhat like black wrinkle varnish which the military used on much of its gear. The J4 was also available in a light gray, "FAA green," and perhaps other special order colors. I have not seen any of the other colors, but I doubt they are as appealing to the eye as the St. James gray.

Collins made a matching cabinet for the J4, but apparently few J4's were originally purchased with one. Most J4's nowadays will be without a cabinet. I like my J4 so much that I bought it a new Bud cabinet, called a Delux Cabinet Rack, Bud type CR-1740, 14.75" by 22" by 12.3125" (D by W by H) with 10.5" panel height, painted metallic gray, louvered sides, with hinged liftable lid and sliding flush latch, including special 10-32 large head diameter Phillips screws. My J4 came with special 10-32 rack mounting screws which I used, but the fancy mounting screws Bud included shows attention to detail. The cabinet rear had a spot welded metal plate which restricted air flow and limited access to the J4 chassis rear. It had to go. So I drilled through the spot welds and removed it. Also, the tapped cabinet rack mounting rail holes did not align with the J4 front panel cutouts. Fortunately, they were uniformly too high. So I raised the J4 slightly by installing two 1.5" wide by 3/32" thick aluminum strips bolted to the cabinet bottom. After slightly repositioning the J4 front panel (by loosening the front panel mounting screws), it all fit perfectly. At first I was irritated at having to modify my brand new Bud cabinet, but now I like the aluminum plates because they prevent paint from being scratched off the cabinet bottom when the J4 is removed from or placed in the cabinet. If you take this approach to getting a cabinet for your J4, be sure to measure the alignment of the rack mount cutouts before you select the aluminum strips thickness. I cannot guarantee that 3/32" is the correct thickness for all Bud cabinets and J4's. I used drill bits and a micrometer to determine the required thickness. I would probably use 2" wide plates if I did it again because the 1.5" plate widths leave little tolerance for errors. You can do without the strips if you don't bother to bolt the J4 in the cabinet.

The Collins 51J-4 General Coverage Receiver

Reviewed by Fritz Mellberg

I recently purchased a dandy vintage rig to use as a back up for my ICOM R-71A. The Collins 51J-4 was in good shape for its age and after replacing four tubes and tweaking the circuits, I am enjoying one of radio's American classics.

After searching for recent reviews in my collection of radio literature I found little if any detailed mention of the rig. So here is my humble offer as an encouragement to others who might be looking for a quality vintage receiver to use as a back up or as a decent first set.

The 51J-4 was engineered in the 1950s when AM phone was a normal mode for hams. With band conditions at the time and prevalence of AM hams, selectivity was crucial and the 51J-4 shines here with its three Collins Mechanical filters. These make it an able performer for both SW and BCB DX today -- revaling the performance of my ICOM. For one third the cost of an ICOM one can have the dynamic range and selectivity of the best rigs today. The 51J-4 provides 15 (count 'em!) selectivity bandwidth from 6.3 to .3 at 6dB down and 14.4 to 2.5 at 60 dB down according to specs.

The 18 tube double conversion superhet covers 540KHz to 30MHz in 30 bands. It is the same basic receiver as the venerable Collins R-388, but this version sports mechanical filters as well as the crystal filters of the 388.

Like the 388 the 51J-4 reads megahertz on an 8-inch slide rule dial and kilohertz are read on a separate vernier dial. KHz are about 1/8" apart allowing for excellent analogue readout if the set is properly aligned. A 100 KHz crystal oscillator allows for pin-point recalibration across the band.

The trouble with these sets is that virtually all rigs available today are aged enough to require a re-alignment of the famous Collins Permeability Tuned Oscillator (PTO). (The 51J-4 was made from 1952 to 1962) On my rig the readings are off by 4 KHz beyond the range of the hairline adjust on the low end.

But the very helpful 76 page manual gives all instructions needed for keeping the rig in top condition. It even gives instructions for re-aligning the PTO, but the task is not for the faint of heart and requires making a few doodads and tools. Most alignments can be done without a signal generator.

It has 15 controls on the front panel along with speaker and phone jacks (4 and 600 ohm). There is an AVC on and off, an effective noise blanker, an antenna tuner, a zero adjust knob, BFO and BFO variation knobs, two knobs controlling the crystal

filter and a very good notch filter. There is also a lever to select mechanical filters.

If you use a headset for listening like I do, the speaker jack can be used to run a tape recorder through its 600 ohm microphone input, sort of like modern sets! The back of the rig sports audio outputs, coax antenna jack - (unbalanced, alas) and a 500 KHz IF output as well as the standard break in relay connections.

How does it fare on BCB? During recent sunset DX sessions, I compared it with my ICOM and found it equaled if not bettered the quality of sound on the ICOM.

On frequencies close to powerful locals, the ICOM suffered from audio slop, even when I used the narrow filter, the far sideband and the PBT with the narrow FLA 44 filter. The Collins hummed along pleasantly in full AM mode with a more readable signal! This was not always the case, but to me the edge goes to the Collins. The Collins could produce a better signal in AM mode and did not have to resort to SSB to get narrow selectivity. Actual test figures may prove otherwise, but what counts is an audible signal and the Collins delivered.

If one can afford a modern rig, the choice really is obvious. Go for the modern. But if you want quality for less, try a golden oldie! Or get greedy and go for both of them and make up your own mind about which one is better in various situations.

But how does the Collins compare with the patriarch of them all, the R390A? I have owned the 390A and like the 51J-4 better because it is lighter, easier to calibrate, and less formidable. DXer Ron Schatz compared the R390A and the R388 in an NRC review ten years ago (NRC Receiver Reference Manual- Volume One). Ron noted that the R388 had better signal to noise ratio, an effective notch, a true noise blanker and an easier calibration procedure. The 390A was better by virtue of its likelihood of being newer, its provision for balanced antenna input, its mechanical filters and its 455 KHz IF.

When we substitute the 51J-4 for the 388, we eliminate the biggest disadvantage-- the lack of mechanical filters. The desirability of the 455 KHz IF is not clear to me. An R388 with mechanical filters is a fierce competitor to the R390A.

I keep my Collins close at hand and compare each signal I receive on my ICOM. That is the extent of my 'testing'. I am usually pleased and in some cases awed by the performance of the Collins rig. When this happens, the 'romance' of old radio deepens for me.

Part of our hobby is the thrill of being around radios, reading about them, using them. Owning a Collins radio in whatever configuration is something every DXer should enjoy. The rigs can be good teachers and can lead those of us who are not technicians to learn more about receivers. Manuals are designed for hams who know their way around the inside of the set and have plenty of information to help with simple repairs and troubleshooting. We can try our hand at simple fixes and modifications without risking a \$700 purchase made by elfs with microscopic soldering irons. I bought my 51J-4 with the idea of learning from and with it.

Another thing that makes older rigs interesting is that they require personal involvement. Just about any aspect of receiving can be controlled by the operator. The means we must learn how to make the most out of the rig. It means we must get involved. Older rigs may have read-out problems, but old timers tell me that in time they can identify frequency of off frequency Peruvians or BCB splits just as easily as a digital readout.

So by all means, pick up an old classic. If you love radio, go hollow state! Keep an oldie alive and working another DX season.

Old radios have the sound of money

-via Pete Kemp

By ANITA GOLD

Chicago Tribune

Listen up! The most in-tune folks are those who collect old radios. If you have an old non-working radio, don't discard it before checking it out; although those in working order and in the best condition are worth more, some seedy-looking, banged-up, brokgn-down examples can be rarities worth big bucks. So before you toss that busted oldie in the trash, you'd better make sure you're not throwing away cash. To check out values for old radios

you may want to consult "The Radio Collector's Directory and Price Guide," by Robert E. Grinder and George H. Fathauer (\$17.95 postpaid from Ironwood Press, P.O. Box 8444, Scottsdale, Ariz. 85282). It pictures, describes, prices and lists all types of old radios, along with their manufacturers, model numbers, years from which they date, styles, etc.

Especially desirable are the multicolored Bakelite radio as well as those with beautiful art deco design cabinets covered with blue, green or peach-colored glass mirror material. Super desirable is a

floor-model Spartan radio with a peach or blue mirror cabinet worth several thousand dollars.

Also worth mucho bucks are old radios representing or depicting characters or celebrities. Emerson's models of Disney characters, such as Snow White and the Seven Dwarfs, date back to 1938 and can -- in the best condition -- be worth as much as \$300.

A Mickey Mouse radio produced in 1934 can be worth more than \$900 in perfect shape. A radio made of metal representing the Dionne quintuplets has a value of \$750.

Below is a list of bbs's that are now on the echo with their phone numbers, net #'s and node numbers. If you know of a bbs which is not on this list, or one that is no longer part of the sw echo please contact me.

BBS Name	Phone Number	Node Number	Location
.ALS BBS	919-460-0586	364/706	Cary, NC
.Alternative BBS	614-927-3644		Columbus, OH
.Amateur Radio Opus	916-961-4921	203/111	Sacramento, CA
.ANARC BBC	309-688-0604	280/304	Peoria, IL
.Antenna Farm		382/40	Austin, TX
.Athens FORUM	404-546-7857	18/43	Athens, GA
.AMRG #101	412-427-4488		Pittsburgh, PA
.Applegate	414-738-1219	139/630	Appleton, WA
.Auer Register	216-883-0578		Cleveland, OH
.Beach Cities	213-376-9567	102/139	Redondo Beach, CA
.Berkshire Board	301-574-1984	1061/204	Essex, MD
.Bit Bucket	602-742-1551	15/20	Tucson, AZ
.Bridger		129/55	Ambridge, PA
.Carleton U Opus	613-564-5672	163/30	Ottawa, Canada
.Cedar Valley Mill	319-377-0004		Cedar Rapids, IA
.Chicago Business		115/429	Evanston, IL
.Citinet	807-345-3991	148/124	Thunder Bay, ON
.CommPost	303-534-4646	104/666	Denver, CO
.ComPort	504-643-6380	380/12	Slidell, LA
.Conch		106/357	
.Connection	416-431-6836	148/114	Toronto, Canada
.COPH Mail	312-630-6282	115/700	Chicago, IL
.CyberNet BBS	901-872-8385	123/5	Millington, TN
.DataLink	813-859-4800	137/61	Lakeland, FL
.Dead Zone	301-388-1517	99:9210/14	Baltimore, MD
.Diablo Valley	415-943-6238	161/55	Walnut Creek, CA
.Diplomat BBS	804-249-8621	264/48	Newport News, VA
.Dog House BBS	503-296-4328	105/501	
.Edge CBCS	616-363-3262	120/63	Grand Rapids, MI
.Elk Grove Repeater	312-529-1586	115/529	Roselle, IL
.Fido's 1st RBBS	301-350-1299	109/652	Largo, MD
.Flood City's Opus	814-255-OPUS	7:522/5	Johnstown, PA
.Hart-Mtero Opus	203-563-6455		Wethersfield, CT
.Health Info-Com Net	602-235-9653	114/15	Scottsdale, AZ
.Hip Shack	303-593-0766	128/19	Colorado Springs, CO
.Howard's Notebook	816-331-5868	280/301	Raymore, MO
.Indiana Computer	219-875-6430	11/205	Indiana
.Info Biz	603-783-4239		Canterbury, NH
.InteVisioN	603-547-6485	132/123	Francestown, NH
.Long Island RB	213-370-4113	102/138	
.MARDUK II	614-294-5314	226/510	
.Microlink B	303-972-9600	104/108	
.Midnight BBS	415-752-6172	161/201	
.Midnight Special	915-673-9668	19/37	Abilene, TX
.Midwest Communic.	414-282-4181		Milwaukee, WI
.Mountain Top	413-684-2886	321/131	Windsor, MA
.NEVERBOARD	412-243-5880	129/17	Pittsburg, PA
.NightLine-1	916-362-1755		Mather AFB, CA
.No Place Like Home	301-454-0360	109/711	
.NorthEnd BBS		123/12	
.Opus Detroit HST	313-649-6213	120/24	Detroit, MI
.Opus Board	319-351-8783		Iowa City, IA
.Orions Nebula	203-438-9908	141/705	Ridgefield, CT
.PassPort BBS		260/218	Rochester, NY
.PC Info Exchange	612-377-3469	14/321	Minneapolis, MN
.PCjr-NET		104/904	
.Pinelands RBBS	609-859-1910	950/2	NJ
.Pioneer Valley PC	413-256-1037	321/109	Amherst, MA
.Polestar.	306-586-1551	140/10	
.Police Station	201-963-3115	107/341	
.PFSE		106/7873	
.QRV, UNO del Norte	419-885-7043	234/1	Sylvania, OH
.Real Programmers'	716-694-0007	260/150	9PM-4:30 AM
.Red Wolf Opus	509-487-3900	343/14	
.Regina Fido BBS	306-347-4493	140/19	Regina, SK
.Rick's Fido	202-833-1889	109/635	Washington, DC
.Ronnie's Roadies	301-967-3309	109/999	

.RSVP BBS	415-659-9169	10/425	Fremont, CA
.Samson	312-394-0071	115/108	Arlington, IL
.Satore Center		161/521	
.Small Biz Help Net	808-533-0190	113/1	Honolulu, HI
.Software Library	306-244-8378	140/33	Saskatoon, SK
.Sonshine	415-651-4147	161/56	Fremont, CA
.Source of Magic	203-431-4687	141/725	Ridgefield, CT
.SouthSide QuickBBS	317-882-9330	231/30	
.SSA Databus	0485-60368	2:501/10	Sweden ?
.St Joseph's Med Cen		114/15	Phoenix, AZ
.Steel Valley Opus	216-545-0093	157/505	Girhard, OH
.Survival Forum	707-545-0746	125/7	Sonoma, CA
.System-2	215-584-1412	150/723	Norristown, PA
.TeleTalk	203-674-1802	142/328	
.The Forum	206-565-1476	17/43	Tacoma, WA
.The Matrix	417-869-5294		Springfield, MO
.The NY Transfer	718-442-1056	107/105	Staten Island, NY
.Thunderbird		136/201	Austin, TX
.Tnt BBS	312-630-6282		Chicago, IL
.Tranquility Base #1	408-251-4926	143/31	San Jose, CA
.TRS7 BBS	501-442-8777	7101/2	
.UA Today		300/3	Tucson, Arizona
.VaxCat	603-424-0923		Merrimack, NH
.VETLink #1	413-443-6313	321/203	Pittsfield, MA
.3 WINKS rbbs		109/748	Gaithersburg, MD

Coexistence on the airways

By Ken Perkins, Dallas Morn. News

Perhaps it never dawned on KSKY-AM (660) program director Jean McCoy that there are certain no-nos to religio-oriented programming.

Three months ago, the contemporary Christian station began to air a half-hour program broadcast live from Fort Worth Arabic Church at 3:30 PM Saturdays. Voice of Love includes a 20-minute sermon, all in Arabic, by the church's pastor, the Rev. Raous Ghatts, and 10 minutes of Arabic music.

On July 31, the station added a one hour show of Jewish entertainment, Tradition. Hosted by Ben Zohar, the syndicated Tradition spans the gamut of Jewish music from Yiddish classics to contemporary Israeli rock'n'roll.

The two shows not only air on the same day - they come on as a block.

"We didn't set out to get a Jewish program and an Arabic program and put them back-to-back," said McCoy, who is also the station's morning disc-jockey.

"We put the Arabic show on because we're more than just an English-speaking Christian radio station. The time blocks just happen to fit well."

McCoy was hired a year ago to program KSKY, a 47 year old "clear channel" station with a signal that reaches north to Oklahoma City, south to Austin, east to Shreveport and west to Abilene.

"What we wanted to do," McCoy said. "was make a difference in the ratings."

It's too soon to measure whether his plan is working, but listeners are responding to the pairing of the Saturday shows with praise.

-30-
via Wally Wawro

'War Of The Worlds' Redone To Air 50 Years To The Day

Chicago — New production of landmark radio play "War Of The Worlds" has been taped at George Lucas' Sprocket Center for Radio Drama for airing Oct. 30 — exactly 50 years after Orson Welles' original broadcast, which caused nationwide panic on Halloween Eve 1938.

Fiftieth anni production is the first authorized remake of the dramatization of H.G. Wells' novel by Howard Koch, whose screen credits include "Casablanca" and "Sergeant York." Framework of the play remains the same — increasingly alarming news flashes interrupting regular radio programming — though the script has been updated to suit the present time.

Robards Starred

Jason Robards toplines as a Princeton astronomer who witnesses the Martian invasion. Other cast members include Steve Allen, National Public Radio's Terry Gross and Scott Simon, veteran newsmen Douglas Edwards, and actors Rene Auberjonois, Hector Elizondo and Phil Proctor.

Project, presented by pubstation WGBH-FM Boston, is being produced by Seattle-based indie outfit Otherworld Media. Otherworld's Judith Walcutt and David Ossman serve as executive producer and director, respectively.

Husband and wife team Walcutt and Ossman began producing radio dramas at WGBH in 1986-87 with "Radio Movies," weekly 2-hour series funded primarily by the National Endowment for the Arts. Follow-

ing a shakeup at WGBH, they determined to set up shop on their own — taking the NEA grant with them. "War Of The Worlds" is the first in a series of six planned "Radio Movies Holiday Specials" to be produced by Otherworld.

Budget for "War Of The Worlds" was set at \$80,000, with \$40,000 contributed by rep firm McGavren Guild Radio and the other half provided by an NEA matching grant.

Otherworld chose Sprocket as the production facility because it offered advanced recording equipment — drama was recorded on Sony PC-2000 DAT machines designed for location film work — and a remote location on Lucas' 3,000-acre Skywalker Ranch in Marin County, that was suitable for the play's many outdoor scenes. Instead of following the usual procedure of recording dialog in a studio and splicing effects in postproduction, "War Of The Worlds" outdoor action was actually taped outdoors — adapting film-style location recording techniques.

"It gave us lots of opportunities that we wouldn't have otherwise," said Sprocket's Oscar-winning sound man Randy Thom ("The Right Stuff"), who served as sound designer for the production. "For instance, we could have one actor a couple of feet from the microphone and another 200 feet away on a hillside yelling something, and achieve an effect you could never get in a studio."

"War Of The Worlds" will be carried on NPR's satellite system and is available free of charge to any public radio station on a non-exclusive basis.

—Variety,
via Pete Kemp

BANDSCAN

John R. Malicky

995 Shadycrest Road, Pittsburgh, PA 15216

After a long delay, we're back again! My apologies to those members who sent scans in months ago and I wish to thank all of them for filling us in on what's being heard. Our first 5 scans, sent in November, '87, are courtesy of J.T. Anderton of Las Vegas whose occupation in radio takes him to many places. His scans are from Hawaii, Utah, and Nevada. The latter 2 states' scans were made possible by a Delco UX-1 variable bandwidth C-Quam receiver. Next we'll head to Tempe, Arizona and Douglas Orf of Painesville, Ohio informs us what he caught. Then to Quebec province and Christian Dehaes in CBJ-land and finally to Dale Park in Illinois from the, chilly on that day, shores of Lake Michigan. Please remember, list frequency, updated calls(if known), state-province, equipment, the/or your LOCALS in CAPS, and date. Onward.....

FREQ J.T. Anderton-South side of Boulder City, NV(25 miles southeast of Las Vegas; Delco UX-1; January 1, 1987; 1-10 signal quality scale; DAY(1300)

550 KOY-Phoenix 3	1100 KFAX-San Francisco 1
590 KSUB-Cedar City, UT 3	1110 KRLA-Pasadena, CA 1
600 KKLQ-San Diego(ex KKLZ) 4	1140 KRSR-NORTH LAS VEGAS 10 s/
610 KAVL-Lancaster, CA 3	KCMJ-Palm Springs, CA 1
620 KTAR-Phoenix 4	1160 KSL-Salt Lake City 3
640 KFI-Los Angeles 6(mistero-s)	1170 KCBQ-San Diego 2
660 KTNN-Window Rock, AZ 1	1230 KLAJ-LAS VEGAS 9
670 KWNK-Simi Valley, CA 2	1280 KREL-HENDERSON, NV 10
680 KNBR-San Francisco 2	1310 KIOT-Barstow, CA 5
720 KDWN-LAS VEGAS 10	1320 KAWC-Yuma, AZ 2
740 KBRT-Avalon, CA 2/ KCBS-San Francisco 1	1340 KMTW-LAS VEGAS 8(ex KRAM)
760 KFMB-San Diego 1	1380 KLPZ-Lancaster, CA 2(ex KKHJ)
770 Kkob-Albuquerque 1	1390 KGER-Long Beach, CA 2
780 KROW-Reno 1	1410 KFMS-NORTH LAS VEGAS 10 s
870 KR0L-LAS VEGAS(Henderson) sync xmtr of Laughlin, NV 10	1460 KENO-LAS VEGAS 10 s
890 KDXU-St. George, UT 5	1530 KFBK-Sacramento 1
920 KORL-LAS VEGAS 10	1570 KPRO-Riverside, CA 2
940 KBRE-Cedar City, UT 4	1580 KNIX-Phoenix 5 s
970 KNUU-PARADISE(Las Vegas), NV 10	1590 KLIV-San Jose, CA 1
1000 KRHS-Bullhead City, AZ 3-4	1600 KMNY-Pomona, CA 1/
1050 XED-Mexicali, MX	KBBX-Centerville, UT 1
1070 KNX-Los Angeles 2	
1080 KWWJ-Portland 1/ KSCO-Santa Cruz, CA 1 1/2	

J.T. Anderton-Las Vegas, NV; Delco UX-1; November 2, 1987; NIGHT(2230)

540 CBK-Watrous, SK 1	920 KORL-LAS VEGAS 10
550 KUZZ-Bakersfield, CA 2	940 (Mexican) 4
560 KSFO-San Francisco 2	970 KNUU-PARADISE, NV 10
570 KLB-Salt Lake City 2	980 KFWS-Los Angeles 4 s
580 KMJ-Fresno, CA 4	1000 KOMO-Seattle 7 s
600 KKLQ-San Diego 1	1020 KTNQ-Los Angeles 4
610 KPRC-San Francisco 3	1030 KTWO-Casper, WY 8
620 KTAR-Phoenix 2	1040 WHO-Des Moines 2
630 KOH-Reno, NV 2/ KHOW-Denver 3	1070 KNX-Los Angeles 8 s
640 KFI-Los Angeles 7 s	1080 KRLD-Dallas 4
660 KTNN-Window Rock, AZ 5	1090 XEPRS-Rosarito, MX 5
670 KBOI-Boise, ID 6 s	1100 KFAX-San Francisco 6 s(!)
680 KNBR-San Francisco 7	1110 KPAB-Omaha 5 s
690 XETRA-Tijuana, MX 1	1120 KPNW-Eugene 3
700 KFAM-North Salt Lake City 4 s	1130 CKWX-Vancouver 2
720 KDWN-LAS VEGAS 10	1140 KRSR-North Las Vegas 6 s
740 KCBS-San Francisco 6	1160 KSL-Salt Lake City 6
750 KOAL-Price, UT 3	1170 KVOO-Tulsa 7 s
760 KFMB-San Diego 1	1180 KOPI-Kalispell, MT 4
770 Kkob-Albuquerque 7	1200 WOAI-San Antonio 5
780 KROW-Reno, NV 5	1230 KLAJ-LAS VEGAS 10
790 KABC-Los Angeles 2	1320 KCPX-Salt Lake City 1
800 XEROK-Cd. Juarez, MX 7	1340 KMTW-LAS VEGAS 9
810 KGO-San Francisco 5	1410 KFMS-NORTH LAS VEGAS 10 s
820 WBAP-Fort Worth 8	1460 KENO-LAS VEGAS 10 s
830 WCCO-Minneapolis 1	1500 KSTP-St. Paul 1
840 WHAS-Louisville 2	1510 KGA-Spokane 4
850 KOA-Denver 6	1520 KOMA-Oklahoma City 8 s
870 KR0L-LAS VEGAS 9	1530 KFBK-Sacramento 6
880 KRVN-Lexington, NE 1	1580 KNIX-Phoenix 7 s
890 KDXU-St. George, UT 4	



FREQ J.T. Anderton-Richfield, UT(south central Utah); Delco UX-1; August 11, 1987; NIGHT(2115)

550 KOY-Phoenix 1	910 KBIM-Roswell, NM 2
570 KLB-Salt Lake City 2/KVI-Seattle 2	930 KSEI-Pocatello, ID 3
580 KMJ-Fresno, CA 3	940 (Mexican) 3
590 KSUB-Cedar City, UT 1	980 KSVK-RICHFIELD, UT 10
600 KKLQ-San Diego 2	1020 KCKN-Roswell, NM 3(ex KBCQ)
610 KPRC-San Francisco 2	1030 KTWO-Casper, WY 8
620 KTAR-Phoenix 4	1040 WHO-Des Moines 4
630 KHOW-Denver/KIDO-Boise, ID/	1060 KUKQ-Tempe, AZ 1
KOH-Reno, NV/ KTKK-Sandy, UT(mixed)	1070 KNX-Los Angeles 7 s
640 KFI-Los Angeles 7 s	1080 KRLD-Dallas 3
660 KTNN-Window Rock, AZ 7	1100 KFAX-San Francisco 1
670 KBOI-Boise, ID 7 s	1110 KPAB-Omaha 3
680 KNBR-San Francisco 6	1140 KMJJ-North Las Vegas 6 s
690 XETRA-Tijuana, MX 5	1160 KSL-Salt Lake City 4(in the
700 KFAM-North Salt Lake City 5 s	1170 KVOO-Tulsa 6 s fadewall)
720 KDWN-Las Vegas 6	1200 WOAI-San Antonio 6
750 KOAL-Price, UT 6	1320 KCPX-Salt Lake City 5 s
770 Kkob-Albuquerque 9	1330 KFAC-Los Angeles 4
790 KABC-Los Angeles(audible o/ mess)	1380 (?) (oldies) 4
800 XEROK-Cd. Juarez, MX 2	1390 KGER-Long Beach, CA 5
810 KGO-San Francisco 3	1410 KFMS-North Las Vegas 3
820 WBAP-Pt. Worth 6	1440 KUHL-Santa Maria, CA 2
830 WCCO-Minneapolis 1	1460 KENO-Las Vegas 4 s
850 KOA-Denver 9	1500 KHST-San Jose, CA 3
860 CJBQ-Toronto(?!) 1(French)	1520 KOMA-Oklahoma City 5
870 WLN-New Orleans 2/KROL-Laughlin, NV 1	1570 XERF-Cd. Acuna, MX 3
880 KRVN-Lexington, NE 5	1600 KBBX-Centerville, UT 4
890 KDXU-St. George, UT 5	

J.T. Anderton-Wailua, Kauai, HI; Ford digital car radio; 11/9/86; 10:30 PM

550 KMVI-Wailuku, Maui 6	1070 KNX-Los Angeles, CA 3
570 KQNG-Lihue, Kauai 9(ex KIPO)	1100 KFAX-San Francisco, CA 2
590 KSSK-Honolulu 7	1110 KHEI-Kihei, Maui 5
620 KIPA-Hilo 1	1170 KOHO-Honolulu 2/KCBQ-San Diego,
640 KFI-Los Angeles, CA 2	1190 KEX-Portland, OR 2 CA 1
650 KORL-Honolulu 6	1210 KZ00-Honolulu 2
670 KPUA-Hilo 4	1270 KNDI-Honolulu 3
690 KQMQ-Honolulu 8(ex KKUA)	1310 KDIA-San Francisco, CA 2(best DX
720 KUAI-Kealeale, Kauai 8/KOTZ-Kotzbue,	1330 KPAC-Los Angeles, CA 1 in Hawaii)
760 KGU-Honolulu 8 AK 1/2	1380 KLNI-Pearl City 3
790 KKON-Kealakekua-Kona 5	1390 KMLX-Turlock, CA 1(ex KYES)
830 KIKI-Honolulu 6	1420 KCCN-Honolulu 3
870 KAIM-Honolulu 7	1480 KYOS-Merced, CA 1
900 KNUI-Kahului, Maui 3	1500 KUMU-Honolulu 4
940 KDEO-Waipahu 6/KFRE-Fresno, CA 1	1510 KGA-Spokane, WA 1
990 KHVH-Honolulu 5	1520 KOMA-Oklahoma City, OK 2/
1020 KTNQ-Los Angeles, CA 4	KSGO-Oregon City, OR 1
1040 KLHT-Honolulu 5 1/2	1540 KISA-Honolulu 4
1060 ?? 2	1580 KDAY-Santa Monica, CA 2
(all in Hawaii except where noted)	1590 KLIV-San Jose, CA 1

J.T. Anderton-Polihihi State Park, Barking Sands Beach(westernmost point), Kauai, HI; Ford digital car radio; 11/9/86; 4:30 PM

550 KMVI-Wailuku, Maui 1	940 KDEO-Waipahu 2
570 KQNG-Lihue, Kauai 7(ex KIPO)	1040 KLHT-Honolulu 3
590 KSSK-Honolulu 6	1170 KOHO-Honolulu 1
650 KORL-Honolulu 6	1210 KZ00-Honolulu 1
690 KQMQ-Honolulu 7	1270 KNDI-Honolulu 3
720 KUAI-ELEALE, KAUAI 10	1380 KLNI-Pearl City 2
760 KGU-Honolulu 5	1420 KCCN-Honolulu 2
790 KKON-Kealakekua-Kona 2	1500 KUMU-Honolulu 2
830 KIKI-Honolulu 4	1540 KISA-Honolulu 2
870 KAIM-Honolulu 5	



Douglas Orf-Tempe, AZ; Delta Electronics RG-4(RF gain at max., audio adjusted to approx. 1/3); 30' wire; 1/20/88(11:45 AM) & 1/21/88(10:00 AM)

550 KOY-Phoenix(S-read 18)	990 KTKT-Tucson 3	1280 KHPE-Phoenix18
580 KGMM-Tucson 3	1010 KXEG-Tolleson 18	1310 KZZP-Mesa 20
600 KCLR-Flagstaff 2	1060 KUKQ-Tempe 20	1360 KLFF-Glendale18
620 KTAR-Phoenix 20	1130 KKKY-Prescott Valley 1	1400 KSUN-Phoenix18
740 KME0-Phoenix 18	1150 KCKY-Coolidge 17	1440 KOPA-Scottsdale
780 KAZM-Sedona 2	1190 KRDS-Tolleson 20	1480 KPHX-Phoenix18
830 KFLT-Tucson 6	1230 KAMJ-Phoenix 18	1510 KJAA-Mesa 20
860 KVVA-Phoenix 18	1250 KCIW-Wickenburg 2	1540 KASA-Phoenix17
910 KFYI-Phoenix 18	1260 KPEN-Casa Grande 16	1580 KNIX-Tempe 20
960 KOOL-Phoenix 18	(all stations in Arizona, no "skip" on any)	

540	CJSB-Ottawa, ON	Sony ICF-6700W & Stoner-Dymek DA9-DL4
550	CHLN-Trois-Rivières, PQ	NIGHT(January 8-9, 1988 2200-0130)
560	CJEM-Edmunston, NB	
570	CKRS-JONQUIERE, PQ	
600	CHNC-New Carlisle, PQ	
620	CHLT-Sherbrooke, PQ	
630	WNNZ-Westfield, MA	
650	WRKO-Boston	
680	CBF-Montreal	
690	WLBW-Cincinnati	
700	WOR-New York	
710	CHTN-Charlottetown, PEI	
720	CKAC-Montreal	
730	CBL-Toronto	
740	WJR-Detroit	
750	WABC-New York	
760	WBBM-Chicago	
770	CKSO-Sudbury, ON	
780	CHRC-Quebec, PQ	
790	WGY-Schenectady, NY	
800	CHAM-Hamilton, ON	
810	CJVA-Caraquet, NB	
820	CHAM-Hamilton, ON	
830	CFJR-Brookville, ON	
840	WHAS-Louisville	
850	CKVL-Verdun, PQ	
860	WHDH-Boston	
870	CJBC-Toronto	
880	WWL-New Orleans	
890	WCSB-New York	
900	WLS-Chicago	
910	CJBR-Rimouski, PQ	
920	CHRL-ROBERVAL, PQ	
930	CFLS-Levis, PQ	
940	CFBC-St. John, NB	
950	CBM-Montreal	
960	WPEN-Philadelphia	
970	WELI-New Haven, CT	
980	CKCH-Hull, PQ	
990	CBV-Quebec, PQ	
1000	CFLP-Rimouski, PQ	
1010	WLIUP-Chicago	
1020	CFRB-Toronto	
1030	KDKA-Pittsburgh	
1040	WBZ-Boston	
1050	CHRS-St.-Jean, PQ	
1060	CHUM-Toronto	
1070	CJRP-Quebec, PQ	
1080	CBA-Moncton, NB	
1090	WTIC-Hartford, CT	
1100	WBAL-Baltimore	
1110	WYKR-Wells River, VT	
1120	WWWE-Cleveland	
1130	WNEW-New York	
1140	CBT-St. John, NF	
1150	KMOX-St. Louis	
1160	WNEW-New York	
1170	CJTR-Trois-Rivieres, PQ	
1180	CJRC-Ottawa	
1190	WWVA-Whaeeling, WV	
1200	WHAM-Rochester, NY	
1210	WOWO-Ft. Wayne, IN	
1220	CFGO-Ottawa	
1230	WCAU-Philadelphia	
1240	WGAR-Cleveland	
1250	CBGA-Matane, PQ	
1260	CBOF-Ottawa	
1270	WEZE-Boston	
	CFGT-ALMA, PQ	



FREQ	Christian Dehaes-Chicoutimi, PQ continued	
1280	CKCV-Quebec, PQ	CKCV-Quebec, PQ
1290	CHRM-Matane, PQ	CHRM-Matane, PQ
1300	.....	WERE-Cleveland
1310	CHGB-La Pocatiere, PQ	CIWW-Ottawa
1320	CFGM-Richmond Hill, ON	CFGM-Richmond Hill, ON
1330	CKLD-Thetford Mines, PQ	CKLD-Thetford Mines, PQ
1340	.....	.....
1350	CJLM-Joliette, PQ	CJLM-Joliette, PQ
1360	CJVL-Ste-Marie-de-Beauce, PQ	WDRC-Hartford, CT
1370	.....	WFEA-Manchester, NH
1380	.....	CFDA-Victoriaville, PQ
1390	.....	CHOO-Ajax, ON
1400	.....	.....
1410	.....	.....
1420	CJMT-CHICOUTIMI, PQ	CJMT-CHICOUTIMI, PQ
1430	.....	.....
1440	.....	WRR0-Warren, OH
1450	.....	.....
1460	.....	CJOY-Guelph, ON
1470	.....	CKO-Montreal
1480	.....	CHRD-Drummondville, PQ
1490	.....	.....
1500	WFIF-Milford, CT	WTOP-Washington, DC
1510	CJRS-Sherbrooke, PQ	CJRS-Sherbrooke, PQ
1520	.....	WKKB-Buffalo
1530	.....	WCKY-Cincinnati
1540	.....	WPTR-Albany, NY
1550	.....	CBE-Windsor, ON
1560	.....	WQXR-New York
1570	.....	.....
1580	CBJ-CHICOUTIMI, PQ	CBJ-CHICOUTIMI, PQ
1590	.....	.....
1600	.....	WUNR-Brookline, MA



Dale Park-The Lakefill, Northwestern University, Evanston, IL; Realistic Minisette 16; 11/13/87; 1:20 PM; Notes: (*denotes college-run station..if 2 are listed the 2nd city is the site of offices &/or studios(& maybe xmtr)..cities in CAPS are considered in Chicagoland market, though many are outside Cook County, & sometimes a distinction must be made(e.g.WKRS-1220)..due to powers &/or patterns some "local" stations were weaker than others more distant so w/out a strength meter all ratings are subjective; RATING: 0(inaudible)-5(local) DAY

540	WYLO-Jackson, WI 2	1160	WJJD-CHICAGO 5
560	WIND-CHICAGO 5	1190	WOWO-Ft. Wayne, IN 3
580	WILL-Urbana-Champaign, IL* 3	1220	WKRS-Waukegan, IL 4
590	WKZO-Kalamazoo, MI 3	1230	WJOB-HAMMOND, IL 4
600	WMT-Cedar Rapids, IA 2	1240	WSBC?-CHICAGO 5(unsure here as skeds for all 3 unknown now!)
620	WTMJ-Milwaukee 4	1250	WMP-Milwaukee 3
630	WLAP-Lexington, KY 1(& SW-type jammer!)	1270	WMAQ-EAST CHICAGO, IN 5
670	WMAQ-CHICAGO 5	1280	WMRO-AURORA, IL 3
700	WLW-Cincinnati 2	1290	WMVP-Milwaukee 1(UNID ripple u/
720	WGN-CHICAGO 5	1300	WTAQ-LaGRANGE, IL 5
750	WNDZ-PORTRAGE, IN/LANSING, IL 4	1310	WIBA?-Madison, WI 1
780	WBBM-CHICAGO 5	1330	WSSY-EVANSTON/HIGHLAND PARK, IL5
800	CKLW-Windsor, ON 1	1350	WIOU-Kokomo, IN 2
820	WCZE-CHICAGO/ELMHURST, IL 5	1360	WLBK-DeKalb, IL 2(ripply signal)
840	WHAS-Louisville 0+(barely discernible & listed only if ID or format WAIT-Crystal Lake, IL 5 was heard)	1370	WLTH-GARY, IN 4
850	WNOV-Milwaukee 3	1390	WGCI-CHICAGO 4
870	WKAR-East Lansing, MI* 1	1400	WSJM-St. Joseph, MI2/(on top of WRJN-Racine, WI2 mess when other WRMN-ELGIN, IL 2 is nulled)
890	WIS-CHICAGO 5	1420	WIMS-Michigan City, IN 2
920	WOKY-Milwaukee 1(tidal fading)	1430	WEEF-NORTHBROOK, IL 5
930	WBYG-Sandwich/Aurora, IL 4	1450	WCEV-CICERO/CHICAGO 3
940	WCSY-South Haven, MI 0+	1460	WBZN-Racine, WI 2
950	WJPC-CHICAGO 5	1470	WMP-CHICAGO HTS/E CHICAGO HTS,
960	WSBT-South Bend, IN 3	1490	WPNA-OAK PARK, IL 3-4 IL 1-2
970	WHA-Madison, WI*	1500	WNIZ-Zion, IL 2
980	WCUB-Manitowoc, WI 1(inclusive ripple)	1510	WJLN-Joliet, IL 0+
1000	WOAP-OTsego, MI 1	1530	WKDC-ELMHURST, IL3/WCKY-Cincy 3
1050	WLUP-CHICAGO 5	1540	KXEL-Waterloo, IA 0+
1060	WHPB-Benton Harbor, MI 3	1550	UNID 0+(WMIR-WI or CBE-ON?)
1070	WIBC-Indianapolis 1	1560	UNID 0+(WGLB-WI?)
1080	WNWI-Valparaiso, IN 3	1570	WBEH-HARVEY/MARKHAM, IL 2)
1110	WMBI-CHICAGO 5	1590	WONX-EVANSTON, IL 5
1130	WISN-Milwaukee 4-5	1610	TIS-CHICAGO 0+

Florida Keys Daytime Bandscan
done by Jay and Marie Novello
April 15-21, 1988
Bahia Honda State Park, FL

540 WGTO, Cypress Gardens, FL: white religion.
550 Radio Rebelde, Cuba
560 WQAM, Miami, FL: "56 Country".
570 WTKN, Pinellas Park-Tampa-St. Petersburg, FL: Talkradio.
580 RJR, Jamaica
590 Radio Reloj, Cuba. (8)
600 Radio Rebelde, Cuba.
610 WIOD, Miami, FL: Strong, Rebelde audible behind.
620 Radio Rebelde, Cuba. (9)
630 --empty--
640 Radio Progreso, Cuba. (9)
650 --empty--
660 Radio Progreso, Cuba. (8)
670 Radio Rebelde, Cuba. (9)
680 Radio Rebelde, Cuba. (6)
690 Radio Progreso, Cuba. (8)
700 --empty--
710 Radio Rebelde, Cuba overriding WAQI, Miami, FL, with SP programming.
720 Radio Rebelde, Cuba. (6)
730 Radio Progreso, Cuba. Distorted audio.
740 WBSR, Boca Raton, FL: Financial yak, "United Stations" radio network. Weak Progreso beneath.
750 --empty--
760 Radio Reloj, Cuba. (8)
770 "Southwest Florida's newest oldies station...WAM-770". A station is listed on this frequency in North Fort Myers, FL.
780 --empty--
790 WNEWS, South Miami, FL: talk; Reloj beneath.
800 --empty--
810 ZNS-3, Freeport, Bahamas.
820 Radio Ciudad de la Habana, Ciudad de la Habana, Cuba, mixing with WRFA, Largo FL, giving tornado advisory.
830 --empty--
840 Dobleve, Santa Clara, Cuba. (6)
850 WEAT, West Palm Beach, FL: EZL mush, financial ads. "EZ-104".
860 Radio Metropolitana, Regla, Cuba. (7)
870 --empty--
880 Radio Progreso, Cuba. (5)
890 CMBF, Radio Musical Nacional, Cuba. Classical music and jazz. (1)
900 Radio Progreso, Cuba.
910 Radio Reloj, Cuba. Tinny audio. (6)
920 Radio Reloj, Cuba. (6)
930 Radio Reloj, Cuba. (7)
940 WINZ, Miami, FL: news/talk, mixing with Reloj.
950 CMBF, Radio Musical Nacional, Cuba. Reloj way underneath.
960 CHKU (?), Radio Enciclopedia, La Habana, Cuba. Reloj underneath.
970 WFLA, Tampa, FL.
980 COCO/CMCK, Ciudad de la Habana, Cuba. Program of "Ritmos Rioplatenses" (tangos) at 4 p. m. local.
990 --empty--
1000 CMBF, Radio Guama, Cuba. (5) Radio Musical Nacional underneath.
1010 CMBF, Radio Guama, Cuba. (1)
1020 CMBF, Radio Guama, Cuba, strongest of these four. (6)
1030 CMBF, Radio Guama, Cuba. (1)
1040 WYFX, Boynton Beach, FL: Soul music. "Foxy 1040".
1050 --empty--
1060 --empty--
1070 Radio Guama, Cuba. "Desde la provincia mas occidente de Cuba".
1080 WUCG, Coral Gables, FL: with "South Florida's number one financial commentator". Mixing with Radio Cadena Habana.
1090 Radio Guama, Cuba (2) weak US station below.
1100 Radio Cadena Habana, Cuba. Very weak SP beneath.
1110 WTIS, Tampa-St. Petersburg-Clearwater, FL: white religion.
1120 Radio Cadena Habana, Cuba.
1130 Radio Enciclopedia, Cuba. "Semi-classical" music.
1140 WQBA, Miami, FL: SP talk programming, Radio Cadena Habana fairly loud underneath. Fast SAK. Met from 1142.
1142 Open carrier.
1150 --empty--
1160 Radio Iaino, Habana, Cuba. (8) English programming 3:00 to 4:30 local. Signs off at 8:00.
1170 --empty--

1180 Radio Marti, Marathon, FL. (9) Tone on frequency not unlike an EBS test; nulls toward south.
1190 Radio Santu-Spiritu, Cuba.
1200 WDCQ, Pine Island Center, FL: oldies.
1210 WCMQ, Miami Springs, FL: SP pop music and talk. "Radio Centro Cadena Nacional".
1220 Radio 26, Cuba. (7) Youth-type music, lots of yak by fast-talking announcers.
1230 Radio 26, Cuba.
1240 Radio 26, Cuba.
1250 --empty--
1260 Radio Victoria de Giron, Cuba, and in its null, "Radio Suave 1260 AM" with SP programming, no doubt WSUA, Miami, FL. No calls heard.
1270 WNOG, Naples, FL: Country music. Reloj way under.
1280 Radio Enciclopedia, Cuba.
1290 Dobleve, Cuba.
1300 WFFG, Marathon, FL: "Keys Country". Local.
1310 Dobleve, Cuba. Terrible hum over audio.
1320 WAMR, Venice, FL: MYL, Announcer had Australian accent.
1330 Radio Artemisa, Cuba: "Desde Villarosa (?), Radio Artemisa".
1340 Radio Ciudad del Mar, Cienfuegos, Cuba. "Radio Ciudad del Mar, desde Cienfuegos".
1350 Radio Ciudad del Mar, Cuba. Weak //1340.
1360 WKAT, Miami Beach, FL: Soca music with Arnold "Trinidad" Henry every Monday to Friday, 4 to 6 P. M., and Saturdays, 11-5, interspersed with helicopter traffic reports. Very entertaining programming.
1370 --empty--
1380 "Q-105", Tampa, FL.
1390 Radio Jaruco, Cuba.
1400 CMBF, Radio Musical Nacional, Cuba: opera.
1410 WMYR, Fort Myers, FL: Country music.
1420 A station here being given trouble by a het from 1419.8. I logged the het but didn't write anything down about the station.
1430 WDIR, Homestead, FL: Multi-ethnic SP programming, today with Colombian music and an ad for a Colombian restaurant. "Radio Continental".
1440 Cuba, probably Radio Guines.
1450 WDCN, Miami, FL: SP talk and music. "La Voz de Miami", "Union Radio". And in its null: WSPB, Sarasota, FL: Financial talk.
1460 --empty--
1470 Radio Ciudad Bandera, Cuba.
1480 WMIB, Marco Island, FL: "good music", "All of the best music ever recorded".
1490 WMBR, Miami Beach, FL: black religion. SP under.
1500 WK12, Key West, FL: "classic gold". Local.
1510 --empty--
1520 --empty--
1530 WENG, Englewood, FL: EZL. SP under.
1540 Strong Cuban, probably Radio Sagua, Sagua la Grande. ZNS-1, Radio Bahamas, Nassau, below.
1550 WRHC, Coral Gables-Miami-Hialeah, FL: SP talk, "Cadena Sul", "La emisora de los noticias".
1560 --empty--
1570 Atlantic Beacon, Turks and Caicos Islands. CNN news, Paul Harvey, ads for businesses in Matthewton, Inagua, Bahamas.
1580 --empty--
1590 --empty--
1600 WKWF, Key West, FL: oldies. Local.

Notes: the bandscan was done on a Sony ICF-2010 running barefoot. It was usually oriented east-west, parallel to the south-facing beach. When there was an obvious case of co-channel interference, the receiver was rotated in an attempt to null the dominant station. The numbers in parentheses indicate how many LED's the station lit on the 2010, for comparative purposes only. The observations were made between 9 a. m. and 3 p. m., local time, on the indicated days.

NAB Vs. FCC On AM Frequency Skirmish

Chicago — The NAB has taken a strong stand against an FCC proposal to issue national licenses for new frequencies on the expanded AM band slated for use within the next few years.

In the proposed FCC plan, licenses for as many as nine of the new frequencies, from 1605 kHz to 1705 kHz, would be granted to broadcasters on a national basis. Acquisition of such a license would enable a broadcaster to operate as many stations as desired on the given frequency, or sublicense the frequency to local stations.

The NAB has called the FCC's proposal unworkable on the grounds that the commission would be illegally exempting itself from its responsibility to regulate individual broadcast licenses.

"Historically, the FCC has granted licenses for local service and that has been the determining factor in the allocation process," said Bayard Walters, chairman of the NAB's Daytime Broadcasters' Radio Committee. "The NAB's position is that the idea of national licensing is inconsistent with its past history of assigning licenses to local communities."

The NAB has submitted an alternative plan, suggesting that the FCC grant the new frequencies to existing daytime-only AM stations, which would forego the daytime licenses once the transition was made, in keeping with the daytime's preference policy used in FM licensing. Per the NAB, this proposal would help alleviate signal interference on the current AM band.

—via Pete Kemp

MUSINGS

Herman T. Adams

343 8th St. N. E. G2 - Atlanta, GA 30309-4264

The opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publisher, or the National Radio Club, Inc., or its subsidiaries. Times are local per Muse.

Ray Arruda - 47 Burt Street - Acushnet, MA - 02743 1939

Please note our new phone area code 508 998-3958. Little DX has been done this year with only new verie back for WNNZ-640 for Feb. reception. A few reports are out but no serious listening has been done for awhile. Hope everyone enjoyed the Milwaukee Convention...maybe we'll get to next years.

Important reminder: Out Thanksgiving GTG will once again be held her in "The Lower Deck" on Saturday November 26, 1988 from Noon till? Anyone planning to attend, please make a note of this announcement, as it may not appear elsewhere. We will have to miss our New Year's visit to Montreal to see Andy Rugg, a trip we enjoy and always look forward to.

DXing is pretty much limited to new stations, call & frequency changes, and is not done as often anymore. One very important remains constant and always will...the many lasting friendships with NRCer's that have been made across American & CANADA. We hope you can be here on Sat Nov 26. 73

Doug Allen - W2CRS - PO Box 5646 - Woodland Park, CO 80866

Howdy partner! Guess a reintro is in order. I've been a NRC member a couple of times in the past and DXed the MW band off and on for over 35 years (since I was about 10). Other hobbies include running, birding, writing, photography. It's good to see many of the same old (sorry!) familiar names in NRC that I remember from eight years ago.

My wife and I moved to Woodland Park in late March. I have a radon and water testing business, and we have a Bed and Breakfast (super low rates for NRC members, natch). We bought a solar contemporary house on 5+ acres so there's room for towers and even beverages (not just in the frog). We're on a hill at 9000' elevation, a pretty good VHF location in most directions except south where 14,110 foot Pikes Peak is only 8 miles away! Until recently I've spent most of my radio time on ham radio 6, 2, 220, 432, and 1296 cw and ssb and doing some TV and FM DXing.

With the sun setting earlier in mid-August I decided to put a 1,000' E-W beverage mainly to get WLW (yeh, I know it's not long enuf) and hear how Pet Rose and the boys are doing (I'm originally from Cincy and have had a life-long love affair with the Reds). Despite the QRN which has been bad until last night I have been listening to WLW and doing a lot of DXing! An ankle sprain (yes, I was running the trail up Pikes Peak) which has kept me off my feet and home the past five days has given me a lot of free time!

The beverage runs east from the house, is uninterminated, and gives me some directivity E-W (Mainly east) over my other antenna, a 160 meter dipole, even at 550 kHz. The beverage is also quieter. Of course, everything is new (and probably pretty commonplace stuff). In about two weeks I've logged about 160 stations in 31 states, Canada, Mexico, Cuba, Neth Antilles, and Anquilla. I'll have to find my old logs and see what I recorded from Schenectady, NY, 1978-80, when I was fairly methodical - something like 800+ stations in 42 states and a few dozen countries.

Collecting QSLs and tapes has never been my favorite niche (though I do it to some extent on the ham bands). However, I sure would like to see Lefty's and some of the other great QSL collections. It won't happen at the NRC gig this year, but maybe I'll get there next year. Good to be back!

G. Harley DeLeurere - Box 10 - Hendricks, WV 26271

DXing is most minimal. I have no time to do any. I did though hear the new WPKO-1390 of Bellefontain, Ohio. Whilst we were on vacation I stopped by several radio stations in the State of Ohio in order to obtain needed "veries" for unanswered reports. Veries were received from WXIC-660 and WMMX-1110, WDAO-1210, and WDLR-1550. In addition veries were received from WYIC-1110 of Noblesville, Indiana.

In Dayton, Ohio I heard a T.I.S. on 530. Who has information concerning call letters and the address of such? My brother told me there's a T.I.S. in Milwaukee, WS on 1610. Who has information about this one? Thank you kindly. (Harley, sounds like an active DXer to me. HTA)

Walt McCrystal - 1605 LeHigh Station Road - Henrietta, NY 14467

I would like to put together a test report of Digital AM Automobile Receivers. GM offered one as a console-mounted 'head' that has slides for volume and tone. There was 10 kHz step tuning and an export option of 9kHz step was available with the addition of a diode. 6 Station pre-sets and a power antenna output only available in '85-86 Buick Skylarks. Chrysler did their homework and came out with a corporate-fit AM/clock ETR, this has only 5 presets, but is available in silver-face or black-face front pieces.

Both do well with a long-wire and the 1st RF AGC of either will cut down most over loading and 'next-channel' hash. As far as I know Ford or others don't offer an AM ETR (12volt). Not that these radios are going anywhere fast on the market place, but who said that this hobby wasn't capricious to some of us anyways. Happy Reception!

Bill Prather - P.O. Box 62 - Tryon, N.C. 28782

Hello again from the Western Carolinas. Well, things are beginning to cool off somewhat here, which means good DX weather isn't far off. We've been in the low 60's at night, and it is much more comfortable. I had a chance to get in on WHAS-840 Friday night DX talk show a few weeks ago. Very nice guy there, and it seems a competing DX club was in Louisville that week-end having their convention. Well now, I couldn't hang up without mentioning the NRC, so he gave us a little plug about the Milwaukee convention. After I hung up, I heard several other folks call in and also mention the NRC, so we had some good exposure that night.

I had a chance to stop by and take a quick tour of the WESC-660 plant the other evening. What a nice facility! They use a 3 tower array for their Pre-sunrise and Pre-sunset pattern. The common tower is over 600ft.; so they really have a monster groundwave ND signal with 50,000 watts.

Thanks to Gary Nuthals for the old WAYS-610, WEED-1390, WCOS-1400, WHSL-1490, and WDUZ-1400 playlist from back in the 70's. That's about all from the Carolinas. Good DXing.

Kind Words for QSL Hunters

Bob Harrison - 166 Renner Avenue - Union, NJ 07083-8839

Hello! Did any of you Data-processing types happen to see the August 15, 1988 issue of Computerworld? On page 19 is an article describing undervalued, hard-working employees this way: "Many of them have intellectually demanding hobbies to which they dedicate most of their free time. Their offices or desks may be decorated with anything from ... tiny hand-build working model steam engines to ham radio QSL cards." It is certainly nice to see QSL chasing cast in such a positive light, especially in a non-radio publication.

Well the August 15 DX News also had its surprises. First of all, the call letters for the new CP on 550 kHz in Lakeside, NJ. The WKNJ calls already belong to the FM 90.3 Kean College station right here in Union. Is this another FCC boo-boo? Weren't the WWRC calls granted a few years back to a Washington, DC station already owned by another New Jersey college? Anyway, the Kean College station seems to be off the air right now for summer break; if they sign back on with the WKNJ call-letters, I'll drop a line to "AM Switch".

The news that WDV-900 was silent was another surprise. The channel is now completely empty here daytime, but WSEA pops in at sunset and sunrise; ordinarily they are very rare here.

Still waiting for WFAN to take over 660 kHz from WNBC. The latest story in the papers is that WSKQ-620 is not going to replace WFAN at 1050 kHz. Instead, the venerable WEVD will return to the AM side at 1050, and WSKQ would take over WEVD's FM spot, becoming an AM/FM combo. But I guess this all remains to be seen, or heard as the case may be. I just hope we get some nice, choice silent periods out of all of this! Good DX to all!

King's radio station drops commercials

Stephen King, owner of WZON radio, has announced that effective Thursday, Sept. 1, the AM station has become a non-commercial radio station. King said the change in status will not alter Z-62's rock 'n' roll and blues format.

King said that all the change means is that Z-62 will offer its programming commercial free. That means more music and no commercial interruptions.

King said the station will derive its operational funds through contributions and grants from listeners and businesses which support the station's programming format. King said he also will assist in the funding of the station but invites those who like an alternative format offered by Z-62 to contribute as well.

Z-62 currently operates from 5:45 a.m. to midnight daily on its assigned frequency of 620 kilohertz.

King said the change to the non-commercial status was prompted both by changing market conditions as well as his long-held desire to establish a commercial-free rock 'n' roll station. Resurrecting the Z as a non-commercial rocker may be one way of keeping the format alive on AM, King said.

--via
Charles F.
Washburn

Bangor Daily News, Friday, September 2, 1988

20 KKSA goes off air

By Ted Reed
Bee Staff Writer

The Folsom radio station principally owned by James B. Nicholson signed off at 3 p.m. Friday, a day after employees failed to receive their semimonthly checks.

"There was no entity forthcoming to pay the bills to keep it going," said KKSA general manager Allan Hotten. "Not just the salaries... no one came forth to pay for the rent and

light bills and soap and stuff to keep us alive."

The station had 15 full-time employees and seven or eight part-timers, Hotten said. An employee who asked not to be identified said that Sunrise Bank paid the employees' salaries two weeks ago, but that no checks were issued on Thursday, the first of the month.

"We waited until today and then were told the check would not be forthcoming, so we closed it down at

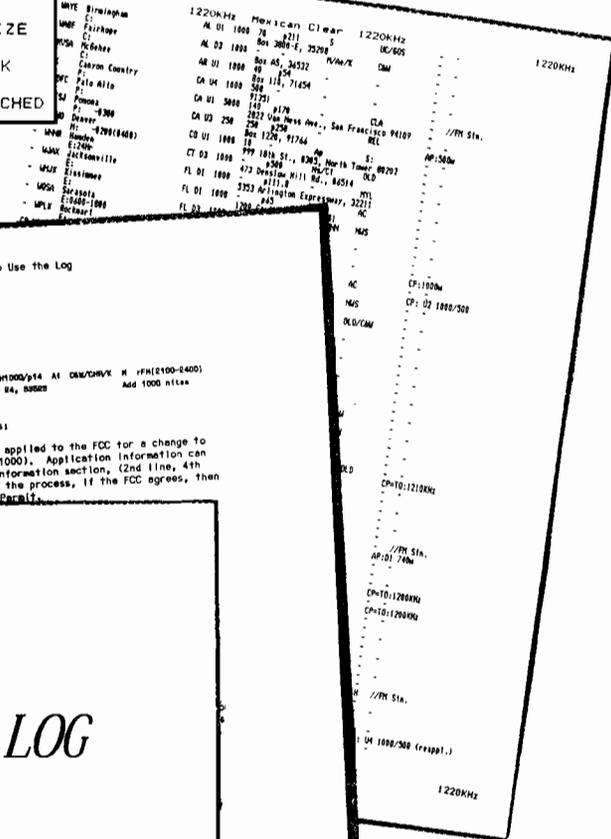
3 p.m.," said the employee. He added, "Now it's time to send out tapes and resumes, I guess."

Hotten said the station went on the air in November playing a mix of American classics that included songs by Ella Fitzgerald and Frank Sinatra and written by Irving Berlin and Cole Porter.

Attorneys for Sunrise Bank could not be reached for comment late Friday.

Sacramento Bee,
via Gary Lovegren,
K&W, KIOQ

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DX News Vol. 55 Index

by Paul Swearingen

(All regular columns, whether weekly or seasonal, are not indexed. Selected items are from Musings. Most titles have been condensed to generic information, with most non-hobby authors not mentioned. Numbers after subjects refer to issues-pages. Any errors or omissions are due to my own stupidity, not to vicious political aims. Next year's index may be printed in 6-point, reversed type, as not even the publisher reads this.)

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Station owner's first challenge: snakes

Getting a new radio station on the air is never an easy task. What with installing new equipment, taking care of all the paperwork and chasing out the snakes. Just ask Peter Hunn, the man behind Fulton's WZZZ-AM (1300), which formerly broadcast as WOSC. Originally a sister station of WKFM, WOSC has been off the air for several years. "I bought the license for \$1, then negotiated to buy the building from KIX (WKFM)," said Hunn, who runs the station with help only from his wife, Carol.

"The FCC gave me a late June deadline to get the station on the air, so I moved in with a rot, sleeping bag and a coffee pot and went right to work."

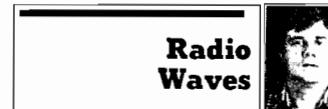
Hunn is no stranger to getting his own station on the air. After working for large operations in Providence and Philadelphia — where he was named

was an old 1949 GE, as big as a tugboat." With the purchase of the building, the \$1 license and quite a bit of new equipment, Hunn got WZZZ going for a total of \$90,000.

Hunn does a live show every morning from 6 to 10 a.m. The rest of the day is courtesy of the Satellite Music Network, with Hunn providing weather and other announcements. It's format is adult contemporary.

It is the only radio station located in, and servicing, the city of Fulton.

Syracuse Herald American
 Stars Magazine
 Sunday, July 31, 1988



Radio Waves

By Brian G. Bourke

Billboard Magazine's personality of the year in 1976 — Hunn established WHRC-FM in Port Henry, on the shores of Lake Champlain. It gained much notoriety as the smallest commercial FM station in the United States.

"I ran that from 1982 to 1985, but sold it due to severe exhaustion."

Hunn then went on to get his master's degree in mass communications from Central Missouri State University. His thesis, describing his experiences in Port Henry, was later published by Tab Books, titled — not surprisingly — "Constructing and Operating Your Own FM Radio Station."

"Then, being over my exhaustion, I decided to look for another station to buy, but financing was a problem. WAQX (95X) just sold for \$4.5 million (see below). I didn't have that kind of cash. Everybody was telling me I would need at least \$250,000 to get in to the business. Then I heard about the old WOSC."

"When I came to look at it, the building was all boarded up, the windows smashed, holes in the roof. We had to chase the snakes out before we could begin work. Then the real fun began. You should have seen the transmitter that was here. It



Herald American file photo

Peter Hunn ran radio station WHRC out of his Port Henry home from 1982 to 1985.

Shortwave radio gains popularity

Baltimore Sun

WASHINGTON — In a trend that has gone largely unnoticed by the American listening public, private U.S. shortwave broadcasters are registering "stupendous growth," according to the Federal Communi-

cations Commission.

In a mere eight years, the number of America's international broadcasters has jumped from four to 14.

The reason for the boom is the great popularity overseas of cheap, pocket-sized receivers.

So numerous are these portables in Europe, the Middle East and the Far East that some American commercial shortwave stations, calculating that an untapped market must exist, have resumed operations for the first time since the 1950s.

The biggest new shortwave operator is the World Service of the Christian Science Monitor, an offshoot of the Boston newspaper.

—via Pete Kemp