

# DX MONITOR

THE OFFICIAL PUBLICATION OF THE **IRCA** INTERNATIONAL RADIO CLUB OF AMERICA

DEVOTED EXCLUSIVELY TO BROADCAST BAND DXING

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## CONVENTION NEWS

It's time to start thinking about the 1989 IRCA Convention. If you're interested in hosting our 25th anniversary festivity, contact our president Karl Zuk right away, and he'll send you a bid form.

## NEW MEMBERS

We have lots of new members this time. Welcome, folks, and report often!

Dave Johnson, Gainesville, FL  
Michael Kopmeyer, Grosse Point, MI  
Jerry Prus, Scarsdale, NY  
Eric Cooper, El Toro, CA (rejoin)  
Michael Laytart, Woodside, NY  
Jay Krumholtz, Perris, CA  
Reuben Dagokl, Baltimore, MD  
George Kestevan, Calgary, AB (rejoin)  
Aikawa Osamu, Ichikawa, JAPAN  
Steve McNeil, Boston, MA  
Harold Dye, Lakeview, MI  
John Keller, Washington, DC  
John Mallery, Shawnee Mission, KS  
James Wilson, Rochester, NY  
Joseph Green, Salt Lake City, UT  
Carl DeWhitt, PoncaCity, OK (rejoin)  
Larry Hastie, Baytown, TX  
Christine Klik, Syracuse, NY

## NOTES FROM HQ

Your address label: We're in the process of converting the club's address labels from one computer system to another. The labels have been triple checked to make sure all the information was correctly converted. However, just to make sure, please check your address label on this issue and let us know if anything is wrong with it. Also, the old system automatically printed "renew" on the label for 5 weeks before your membership expired. The new system doesn't have this capability yet, although we hope to add it in a few weeks. Until then, check the number in the upper right hand corner of your label - that's when your membership expires (i.e. a 6 means it expires with Vol 26, Number 6) and send in your renewal at least 3 weeks beforehand. Thank you for your patience.

Radio NewYork International still hasn't left Boston harbor. They're currently trying to unravel lots of red tape, and have enlisted the help of the ACLU to represent them in court. They've also gotten a 10 day liability policy from Lloyd's of London to satisfy some of the Coast Guard's requirements. Frequencies, if they get on the air, will be 1620 AM, 6240 SW, and 103.1 FM. See page 42 for more news. (info via Karl Zuk)

## CONGRATULATIONS

Every year, the IRCA presents the Ted Vasilopoulos Award to the person who has done the most for the club and the hobby. This year there was a tie in the voting! The winners are Karl Zuk and Richard Evans. Both are very deserving winners: Karl is our current president and former EDXR editor, Rick is the current EDXF editor and former president and CDXR editor, and both have contributed to the club in innumerable other ways. Congratulations to both of you!

# BROADCASTING INFORMATION

Editor: Geov Parrish, 1201 S. Court House Rd., Arlington VA 22204  
 Deadlines: 9/24, 10/22, etc. \* \* \* compiled with pride 8/22/88

Apparently a few folks misinterpreted a remark in the July B.I. to mean that I am resigning editorship of this column. Rest assured you won't get off that easily. I always have and always will edit this column, at least until my name changes again (sure fooled ya with that "Greg Monti" thing, huh?). (Don't worry, summer heat always does this to me.)

## NEW STATIONS

call	KHz	power/antenna	state/city
KJOR	550	500/	ND-D NV RENO requests extension of time
KBQN	585	50000/50000	DA-1 AS PAGO PAGO granted extension of time
KGDP	660	10000/10000	DA-2 CA ORCUTT on the air, religious/news
KQSR	660	5000/5000	DA-2 ND WILLISTON granted change in xmtr location
WTNN	670	??/?	? TN KNOXVILLE on the air, satellite new age
KHHR	680	5000/	ND-D MT EAST HELENA on the air, country format
new	700	50000/	DA-D GA CUSETTA reapplication
new	720	1000/250	DA-2 CA TEMPLETON granted
WRZN	720	10000/250	DA-N FL HERNANDO granted extension of time
WRBR	720	5000/	ND-D MS RICHLAND granted extension of time
WLPP	730	500/	DA-D FL LAKE PLACID requests extension of time
KSPO	740	500/	ND-D WA DISHMAN requests replacement of expired CP
WAFK	760	??/?	? AL SPANISH FORT reapplies move to Saraland AL
WEND	760	10000/1000	DA-2 FL BRANDON requests extension of time
new	760	2500/	DA-D TN KNOXVILLE non-commercial, granted
WAWB	810	2500/	ND-D GA HAHIRA requests extension of time
KBBM	850	250/	ND-D OR WALDPOR on the air, adult standards
new	870	250/250	ND VT CENTER RUTLAND application returned
KGGN	890	1000/	DA-D MO GLADSTONE applies for 1100/ w DA-D
KVVQ	910	1000/500	DA-2 CA HESPERIA granted yet another extension
WLLJ	910	1000/	DA-D MI CASSOPOLIS on the air, SMN black oldies
KPSL	1010	5000/5000	DA-N CA THOUSAND PALMS requests reinstatement of expired CP, reapplies for 5000/2400 w DA-N
WBSH	1020	500/	ND-D AL HEFLIN "granted reconsideration of denial of extension of time" (got all that?)
new	1020	10000/1000	DA-2 NE HOLDREDGE non-commercial, reapplication
WOOB	1030	10000/1000	DA-2 AL LEEDS denied extension of time & space
WDRQ	1030	5000/	ND-D MI STERLING HEIGHTS testing on air, on soon
WOKT	1040	2500/	DA-D KY CANNONSBURG on the air, religious
KJRC	1090	5000/	ND-D CA SOUTH LAKE TAHOE applies for new xmtr loc.
WADN	1120	5000/1000	DA-2 MA CONCORD granted extension of time
KOPK	1130	5000/	ND-D NM MILAN granted a Lazarus (replacement for an expired construction permit...)
WONG	1150	500/	ND-D MS CANTON requests extension of time
WTWF	1160	5000/250	ND FL WOODVILLE app. returned for 5000/1000 w ND, move to Tallahassee FL
WPGV	1160	650/500	DA-N MD BOONSBORO granted move to Funkstown MD, 1000/250 w DA-2, new xmtr location, granted reinstatement of expired construction permit
WVNJ	1160	1000/1000	DA-2 NJ OAKLAND granted 10000/2500 w, new xmtr loc
WPIC	1160	1000/500	DA-2 NY TRUMANSBURG requests extension of time
WHIW	1190	690/	DA-D SC ATLANTIC BEACH applies to change to ND-D
WJNO	1230	500/500	ND FL DERRFIELD BEACH synch. xmtr is on the air
new	1420	50/50	ND-N IN LA PORTE granted synch. xmtr for WIMS-1420
WRLB	1460	5000/	ND-D NJ FLORENCE requests extension of time
KADI	1520	2500/	DA-D MO CAMDENTON requests extension of time
KYND	1520	500/	ND-D TX CYPRESS (near Houston) on the air
WDAW	1530	1000/	DA-D VA HAYMARKET applies for 500 w days, 390 w critical hours, ND-D

## CHANGES IN EXISTING FACILITIES

call	KHz	power/antenna	state/city
WGTO	540	50000/5000	DA-1 FL CYPRESS GARDENS applies for 50000/50000 w DA-1, move to Pine Hills FL (Orlando)
WWS	540	1000/250	DA-1 PA CANONSBURG reapplies for 7500/250 w DA-1

WYLO 540	250/	DA-D WI JACKSON applies for 500/ w DA-D, new DA
KSKY 660	10000/1000	DA-N TX BALCH SPRINGS CP now on the air
KFMB 760	5000/5000	DA-N CA SAN DIEGO applies for 50000/5000 w DA-N
KUOM 770	25000/2500	DA-N MN MINNEAPOLIS granted 25000/2200 w DA-N
KSDP 840	250/250	ND AK SAND POINT granted 1000/1000 w ND
KSKO 870	5000/5000	ND AK McGRATH requests extension for 10/10 kw
KPRM 870	15000/1000	DA-N MN PARK RAPIDS applies for 25000/1000 w DA-N
KKMC 880	5000/1000	DA-1 CA GONZALES app returned for 5000/5000 w DA-1
WCPA 900	1000/70	ND PA CLEARFIELD reapplication for 1500/500 DA-1
WPGA 980	1000/	ND-D GA PERRY granted 5000/ w ND-D
WNTK 1010	250/	DA-D NH NEWPORT granted extension for 1020 move
WQBB 1040	2500/	ND-D TN POWELL applies for 10 kw day, 3 kw cr. hrs
WJSB 1050	5000/	ND-D FL CRESTVIEW applies for 3100/500 w ND
WOAM 1070	250/	ND-D KY ELKTON granted 500/ w ND-D
KLWJ 1090	2500/	ND-D OR UMATILLA granted replacement of expired CP for move to 1100 KHz, 10000/1000 w DA-N
KANN 1090	5000/	ND-D UT OGDEN granted reinstatement of expired CP for move to Roy UT, 1120 KHz, 10000/1000 w
KPLS 1150	5000/500	DA-2 CA SANTA ROSA granted 5000/1000 w DA-2
WCUE 1150	1000/500	DA-2 OH CUYAHOGA FALLS granted 2500/500 w DA-2
WJJD 1160	50000/10000	DA-2 IL CHICAGO applies for 50000/5000 w DA-2
WMVI 1170	250/	ND-D NY MECHANICVILLE applies to change 1160 KHz CP to 5000/570 w ND
KOKK 1190	500/	ND-D SD HURON granted reduction in day power for CP for 1210 KHz (the FCC, in its wisdom, didn't bother to release the new day power!)
KLIP 1220	250/	ND-D CA FOWLER granted extension for move to 1210
WXRA 1220	1000/	ND-D NY NORTH SYRACUSE granted extension of time for move to 1200 KHz, 1000/1000 w DA-N
WFTW 1260	1520/	ND-D FL FORT WALTON BEACH applies for new lower day power (which the FCC again kept secret)
WFAH 1310	1000/	DA-D OH ALLIANCE reapplies for 1000/500 w DA-2
KQIQ 1320	1000/	DA-D CA LEMOORE granted move to Farmersville CA, 5000/3100 w DA-1 (stn is silent and dismantled, will have to be completely rebuilt)
WHYS 1350	1000/	DA-D FL FORT MYERS reapplies for 5000/ w DA-D
WNNJ 1360	1000/	ND-D NJ NEWTON granted 2000/320 w DA-2
WCHB 1440	1000/1000	ND MI INKSTER requests extension for 10000/1000 w & move to 1200 KHz; also has application pending for move to Taylor MI
WPON 1460	1000/500	DA-2 MI PONTIAC applies 820 KHz, Walled Lake MI
KPHX 1480	1000/500	DA-2 AZ PHOENIX granted 5000/500 w DA-2
WKND 1480	500/	DA-D CT WINDSOR denied reinstatement move to 620
KLAY 1480	1000/	DA-D WA LAKEWOOD CENTER granted extension of time for move to 1180 KHz, 2400/1000 w DA-N
KRCK 1500	10000/1000	DA-2 CA BURBANK applies for 50000/14000 w DA-2 & new xmtr location (station is long silent)
WMHQ 1510	10000/500	DA-N NJ DOVER granted 10000/1000 DA-N, maybe this will help stn's notoriously bad night signal
WZAL 1540	2500/	ND-D GA McDONOUGH applies for 1410 KHz, 1000/ ND-D
KGLA 1540	500/	ND-D LA GRETNA applies for 1000 w ND-D & cr. hrs
KVLG 1570	250/	DA-D TX LA GRANGE reapplication for 1000/500 DA-2
WJTX 1580	250/250	ND IL URBANA applies for 1000/500 w ND
KXEM 1590	500/	DA-D CA McFARLAND application returned for 750 KHz, Bakersfield CA & 1000/1000 w
WUSJ 1590	5000/5000	DA-N TN JONESBOROUGH applies for 2000/5000 w DA-N

CALL LETTER CHANGES

( \$ means change accompanies a station sale; \* check for format info)

WMZY 640	FL Wildwood	\$ WHOF	KCPX 1320	UT Salt Lake Cty	* KEMX
WJEX 670	NY Syracuse	\$ WNYR	WLAV 1340	MI Grand Rapids	WKLL
WQKA 850	NY Penn Yan	* WYLF	WKNR 1400	MI Battle Creek	WELL
KIKM 910	TX Sherman	\$ KBLN	WPHD 1400	NY Buffalo	* WGKY
KCIJ 980	LA Shreveport	* KMJJ	WDDY 1420	VA Gloucester	WXGM
WAKN 990	SC Aiken	* WNEZ	KWFN 1460	CA Santa Rosa	\$ KRRS
WYXK 1010	NH Newport	* WNTK	WKAY 1490	KY Glasgow	\$ WCLU
WNOK 1230	SC Columbia	* WODE	WCLS 1500	MI Battle Creek	WOLY
WCOU 1240	ME Lewiston	* WXGL	KTIM 1510	CA San Rafael	* KCAF
KYYN 1280	OK Poteau	\$ KPRV	WKVL 1550	TN Clarksville	\$ WCTZ
WWLW 1320	FL Coleman	\$ WFRK			

CALL CHANGES THAT NEVER HAPPENED: WSGD-1380 Naugatuck CT is still WNAQ

**FORMAT CHANGES**

call KHz state/city

KDFT 540 TX FERRIS new, religious to Dallas-Fort Worth  
WSAU 550 WI WAUSAU was adult contemporary, now adult standards  
WHND 560 MI MONROE was rock oldies, now oldies/adult stds (Hall-CA)  
WKBN 570 OH YOUNGSTOWN adult contemporary, adds Larry King  
KGW 620 OR PORTLAND was AC, now oldies (this isn't much of a change)  
KGDP 660 CA ORCUTT new, news in AMS, religious otherwise (Hilliker-CA)  
WTNN 670 TN KNOXVILLE new, satellite "Breeze" new age (Park-IL)  
KHKR 680 MT EAST HELENA new, country "Kicker" (Johnson-MT)  
XETRA 690 BCN TIJUANA was rock oldies, now all talk (lots 'o' folks)  
WBBO 780 NC FOREST CITY was CHR // FM, now sat. new age // FM (Park-IL)  
WETB 790 TN JOHNSON CITY was EZL, now "Breeze" sat. new age (Park-IL)  
CJAD 800 PQ MONTREAL was AC/CHR, now talk (English) (Hall-CA)  
WDDD 810 IL JOHNSTON CITY was adult standards, now soft ad. con.  
WQKA 850 NY PENN YAN AC, to be WYLF, adult stds to Rochester upon sale  
KBBM 850 OR WALDPOR new, adult standards (Woods-OR)  
KTAC 850 WA TACOMA was SMN AC, talk, now Transtar soft AC, talk  
KTRB 860 CA MODESTO drops Talknet in evenings exc. Sundays, now  
country 0500-0000 (PLT) & Talknet overnights only (Perry-CA)  
WCKS 860 FL COCOA was rock oldies, now silent, to come back w/new calls  
WCLZ 900 ME BRUNSWICK was sat. ctry, now "Breeze" satellite new age  
days, AoR/rigs/jazz eves // FM "Z-99" (Fitz-CT, Park-IL)  
WDVT 900 PA PHILADELPHIA was talk, now silent (ran out of things to say!)  
WLLJ 910 MI CASSOPOLIS new, SMN sat. black oldies to S. Bend (Park-IL)  
WINZ 940 FL MIAMI was news-talk, now all news  
KMJJ 980 LA SHREVEPORT was KCO, gospel, now black // 100.1 FM (not  
WABX 990 MI CLARE was variety, now CHR // FM "Foxy 95" \co-owned!)  
WHOO 990 FL ORLANDO was country, talk, now sports, AoR // FM 96.5  
WNEZ 990 SC AIKEN was WAKN, easy listening // FM, still easy listening  
WXXK 1010 NH NEWPORT was WCNL, AC // FM, temporarily AC, to be news-talk  
as WNFK upon sale (still here, CP for 1020 KHz not on yet)  
WSP0 1010 WI STEVENS POINT was WKYQ, country, now rock oldies  
WYSL 1030 NY AVON was talk/AS, now ad. stds, drops ABC talk (Hall-CA)  
WOKT 1040 KY CANNONSBURG new, religious "Love 1040"  
WBTV 1060 MA NATICK was gospel, now ethnic to Boston (Fitz-CT)  
WAPI 1070 AL BIRMINGHAM adult standards, drops NBC Talknet evenings  
WNNW 1110 NH SALEM was WVNH, adult standards, now motivational talk  
(same network as WNNW-980-FL) (Fitz-CT)  
KSD0 1130 CA SAN DIEGO news/talk, adds ABC talk, keeps L. King (Hall-CA)  
WEO0 1130 PA WAYNESBORO was rock oldies, now AoR "Classic rock" oldies  
KAGO 1150 OR KLAMATH FALLS is AC-CHR, adds ABC talk (Hall-CA)  
KLOK 1170 CA SAN JOSE was AC/oldies, 8/9 became Spanish "Radio Reloj,"  
"La nueva K-L-O-K" (Taylor-CA, Perry-CA got it here first!)  
WKIT 1200 ME BREWER was AC // FM, now AoR // FM "Rock 100" (Fitz-CT)  
WSME 1220 ME SANFORD was ad. standards, now satellite country (Fitz-CT)  
KPRL 1230 CA PASO ROBLES was adult contemporary, now Transtar ad. stds  
WISP 1230 NC KINSTON was country, now adult contemporary  
WCRO 1230 PA JOHNSTOWN was adult contemporary, now SMN country  
WODE 1230 SC COLUMBIA was WNOK, CHR // FM, now rock oldies  
KERV 1230 TX KERRVILLE was country, now SMN adult standards  
WXGL 1240 ME LEWISTON was WCOU, satellite adult standards, now  
"Eagle 94" rock oldies // FM (Fitz-CT)  
WREN 1250 KS TOPEKA was silent, will be standards/soft AC upon sale  
(KTOP-1490 is looking to move their station here)  
KRGE 1290 TX WESLACO was CHR, now SMN satellite rock oldies  
KYNO 1300 CA FRESNO was rock oldies, now dance/CHR "Hot 13"  
WISE 1310 NC ASHEVILLE was SMN adult contemp., now SMN adult standards  
WCVG 1320 OH COVINGTON was WCLU, CHR, now oldies - all Elvis!! - to  
Cincinnati. No indication of what Cincinnati did to  
deserve this. (Hall-CA, several others)  
KEMX 1320 UT SALT LAKE CITY was KCPX, // FM, now rock oldies (see note)  
WFBC 1330 SC GREENVILLE was rock oldies, now news-talk  
WEXL 1340 MI ROYAL OAK was religious, now religious & financial talk  
(Hall-CA) (Tim's comment: "no man can serve two masters!")  
WRNY 1350 NY ROME was talk, now silent (see WDDT-900 comment...)  
CHRO 1350 ON PEMBROKE was country, now AC-CHR (Hall-CA)  
WKMI 1360 MI KALAMAZOO was AC-CHR, now CHR // FM (Hall-CA)  
KRKO 1380 WA EVERETT was live ad. con., now Transtar adult contemporary  
call KHz state/city  
KGBX 1400 MO SPRINGFIELD was CHR, now silent  
WKGT 1400 NY BUFFALO was WPHD, album rock // FM, now rock oldies

KATI 1400 WY CASPER was adult standards, now silent  
 WDOE 1410 NY DUNKIRK was country, adult contemp., now oldies (Hall-CA)  
 KTIP 1450 CA PORTERVILLE was country, now adult standards  
 WWTK 1470 PA FARRELL was WMGZ, CHR, now news-talk (Fitz-CT)  
 WEAG 1490 FL STARKE was WPXE, country, now rock oldies // FM "Eagle  
 106.3" (Fitz-CT)  
 KCAF 1510 CA SAN RAFAEL was KTIM, adult standards, now country "Calf  
 Country" to northern Bay Area (Perry-CA)  
 WNLC 1510 CT NEW LONDON was soft adult contemporary, now rock oldies  
 WMYF 1540 NH EXETER was satellite AC, now CHR // FM 107.1 (Fitz-CT)  
 WAAY 1550 AL HUNTSVILLE was AC/CHR, now silent  
 WBGB 1580 FL MOUNT DORA was easy listening to Orlando, now silent  
 WCBG 1590 PA CHAMBERSBURG was adult contemp., now rock oldies "Classy"  
 WKEN 1600 DE DOVER was soft AC, now news-tk weekdays, AC wknds (Fitz-CT)

(Fitz-CT) is actually new IRCAn Tony Fitzherbert of Fairfield CT...I'm just too lazy to type all those letters in his name every time, hi...

REDUNDANT FORMAT TERM OF THE MONTH: "Satellite new age"

\* \* \* \* D I A L C A R D \* \* \* \*

Most people, of course, can't get rid of those pesky Alaskans that clutter up their dials, but in the unlikely event you don't hear these on your toaster, here's the ANCHORAGE AK dial via Rod O'Connor:

KENI 550 ANCHORAGE news-talk, 19 hrs (no indication of which 19)  
 KHAR 590 ANCHORAGE easy listening/adult stds., 24 hrs  
 KYAK 650 ANCHORAGE contemporary country, 24 hrs  
 KBYR 700 ANCHORAGE rock oldies, 24 hrs  
 KFQD 750 ANCHORAGE adult contemporary, stereo, 24 hrs  
 KABN 830 LONG ISLAND rock oldies, 24 hrs  
 KCFA 1020 EAGLE RIVER contemporary Christian, 18 1/2 hrs  
 KASH 1080 ANCHORAGE contemporary country, 24 hrs

And, Floyd Perry sends along more Californians:

SAN JOSE CA

KLOK 1170 SAN JOSE Spanish "Radio Reloj," "La Nueva KLOK"  
 KAZA 1290 GILROY Spanish "Casa"  
 KEEN 1370 SAN JOSE country  
 KNTA 1430 SANTA CLARA Spanish "Canta"  
 KHTT 1500 SAN JOSE rock oldies  
 KLIV 1590 SAN JOSE adult standards (Music of Your Life)

SAN FRANCISCO BAY CA (around the bay, not in it) (though if my memory's right, KIQI and a couple others are very close to being in it...)

KSFO 560 SAN FRANCISCO rock oldies // KYA-93.3  
 KFRC 610 SAN FRANCISCO adult standards, Larry King nights, Mutual net.  
 KNBR 680 SAN FRANCISCO adult contemporary/oldies, Talknet nights, NBC  
 KCBS 740 SAN FRANCISCO news-talk, CBS  
 KGO 810 SAN FRANCISCO news-talk, ABC  
 KNEW 910 OAKLAND country  
 KABL 960 OAKLAND easy listening // KABL-FM-98.1  
 KKIS 990 PITTSBURG adult contemporary // KKIS-FM-92.1  
 KIQI 1010 SAN FRANCISCO Spanish  
 KOFY 1050 SAN MATEO rock oldies  
 KFAX 1100 SAN FRANCISCO religious  
 KNBA 1190 VALLEJO country  
 KDFC 1220 PALO ALTO fine arts/classical // KDFC-FM-102.1  
 KOIT 1260 SAN FRANCISCO adult contemporary // KOIT-FM-96.5  
 KDIA 1310 OAKLAND black  
 KBLX 1400 BERKELEY new age/black AC/jazz // KBLX-FM-102.9 "Quiet Storm"  
 KEST 1450 SAN FRANCISCO rlg, ethnic, comedy, "whatever pays"  
 KWUN 1480 CONCORD contemporary hits  
 KCAF 1510 SAN RAFAEL country "Calf country 1510"  
 KKHI 1550 SAN FRANCISCO fine arts/classical // KKHI-FM-95.7  
 Thanks, Floyd! And thanks to all of you for the tremendous support the last several months.

Feeling tired, run down, without that invigorating pep, the spring you

once had in your step? You can reclaim that lost youth by the simple act of SENDING IN YOUR LOCAL DIAL CARD here to Broadcasting Information. You'll feel better instantly knowing you're leading a righteous kind of life and helping keep your fellow IRCans informed (or at least stripping away their excuses for being ignorant). Offer expires only during severe thunderstorms, postal clerks are standing by, you'll be billed when your membership is due to run out. Except in Nebraska. Maybe.

#### TRIVIA QUESTION OF THE MONTH

Answer to August's question: after the Mississippi river, the #2 river by my count in terms of AM stations licensed along its banks is the Rio Grande/Rio Bravo with 84 - the operative phrase being "headwaters in the U.S." and the trick being that over half those 84 stations are in places like Cd. Juarez, Nuevo Laredo, Reynosa & Matamoros...runners up (so to speak) were the Ohio, Missouri, Hudson and Columbia in that order.

On to September: You can probably guess which two U.S. states have the most AM stations: Texas and California. Now: which two U.S. cities have the most AM stations licensed to them? Which two counties? (Hint: neither of the cities are in either of the counties - in fact, none of the four are in the same states!)

#### PROPOSED STATION SALES (\* means check the format listings for more info)

WGTO-540-FL, WVMI-570-MS, WWSG-610-CT, WAES-610-NC, WKNI-620-AL, WSKQ-620-NJ (will be sold again; holding action so current owners can move to WFAN-1050); KXOK-630-MO, WHOF-640-FL, WDDE-680-KY (unbuilt CP), WRKO-680-MA (see note on RKO Radio below), WKQD-740-TN, WURL-760-AL, KMTL-760-AR, WYRV-770-VA, KRPM-770-WA, WLBE-790-FL, KSPD-790-ID, KQAD-800-MN, WQKA-850-NY, WRRZ-880-NC, WDVT-900-PA\*, KIKM-910-TX, WBOX-920-LA, KDHL-920-MN, WLUS-980-FL, WJKY-1060-KY, KMOM-1070-MN, WHHR-1130-SC, KJBC-1150-TX, WMLX-1180-KY, KRDR-1230-OR (stn now silent), WTIP-1240-WV, WREN-1250-KS\* (sold to owners of KTOP-1490), WBRM-1250-NC, WCRT-1260-AL, KTUE-1260-TX, WNPT-1280-AL, WNAM-1280-WI, KVIX-1290-OR, KWKW-1300-CA, KVOR-1300-CO, WQBN-1300-FL, KFSS-1310-MO, KSMX-1320-WA, KFAC-1330-CA (sold to KWKW-1300 owners), KRDG-1330-CA, KRNT-1350-IA, WCHI-1350-OH, KUVR-1380-NE, WDOT-1390-VT, KJCF-1400-MO, WJZM-1400-TN, KKNX-1400-TN, WTIM-1410-IL, KCVV-1410-KS, KPEL-1420-LA, KFYN-1420-TX, KALV-1430-OK, WSMQ-1450-AL, KQDI-1450-MT, WWBB-1450-WV, WLAM-1470-ME, WYDK-1480-NC, WRED-1490-GA, WKAY-1490-KY, WMRB-1490-TX, KWMC-1490-TX, WCHU-1550-TN, WRHD-1570-NY, WGRY-1590-MI, WMIM-1590-PA, WUSJ-1590-TN, KGAS-1590-TX

STATION SALES THAT FAILED: WPBD-640-GA (see note below), WQXI-790-GA (ditto), CSUZ-800-FL, WOOB-1030-AL (unbuilt CP), KTKR-1310-CA, WOAD-1400-MS, CKSL-1410-Ont.

#### MISCELLANEOUS NOTES:

The FCC is looking into a plan to reduce interference to AM stations by looking into revising emission standards and use of a mandated audio standard. The Commission has also proposed giving AMs the option of proposing facilities whose coverage would be subject to interference from other stations (just what we need!). Currently such permission is only granted to the first station proposing to provide service to an "unserved" community (such as a suburb of a large city)... The FCC has finally approved the first of a number of proposed station sale settlements that will end the 23 year (and counting) battle over licenses held by RKO radio. First to go is WHBQ-560 Memphis, which will be sold to the current operators of suburban WGSF-1210 Arlington TN. Other RKO stations under litigation: WGMS-570-MD, KFRC-610-CA, WRKO-680-MA, WOR-710-NY, KRTH-930-CA, and (of course) their FM & TV stations... The widely reported plan to move WQXI-790 to 640 KHz when the new WPBD-640 Atlanta GA was built is called off. Sale of the 640 facility to WQXI's owners fell through, and the well-known calls will, for the time being, stay on 790 KHz. Another, more likely frequency switch: owners of KTOP-1490 Topeka KS have agreed to buy the now-silent WREN-1250, and will move to 1250 as soon as they can find a buyer for the 1490 station.

# SONY

## FM STEREO/AM 2 BAND PLL SYNTHESIZED RECEIVER

# SRF-M40W

REVIEW BY RICH TOEBE

Recently I was looking for a Walkman type radio to replace the one I have, but hasn't been operating properly. A Macy's ad in a Sunday paper recently showed the radio that I'm doing this review about;

a Walkman with digital readout and 7 presets per band is perfectly suited to my needs! I had to get my hands on this receiver. Considering the cost (\$55 at Macy's "special introductory price" but I paid \$49 at Whole Earth Access in Berkeley), I wanted to see how it compares with my GE Superradio and Sony 2010.

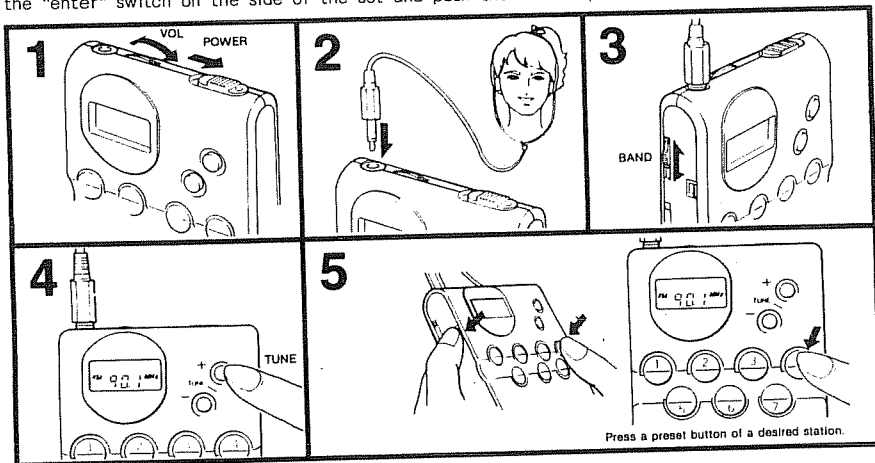


### 1. Physical Characteristics

The first thing that struck me about the Sony SRF-M40W is its appearance. Unlike most "personal radios", all corners are rounded and it has a black matte finish to resist fingerprints. The LCD readout is large (about the same size as the numerals on the clock of the Sony 2010) and easily readable and all buttons are large enough for fumble-free operation even when you are not looking at the unit (in other words, when strapped to your belt). The seven preset buttons have a unique shape to them; a recess runs through the front of the receiver between the two rows of presets, and the buttons are shaped to blend in. A bump in the center of the recess orients you much like the bump on the "5" key on the keypad of the Sony 2010. Tuning is accomplished by the use of up and down buttons; these are smaller and colored light gray. No knobs of any kind are on this receiver; volume is adjusted by a wheel in the top of the set, next to the power switch. The headphones plug into the top, right next to the volume adjustment. The FM stereo/FM mono/AM switch and FM DX/local switches (both sliding type) are located on the left side, as is the enter switch. There are no tone controls. The size is such so as to fit comfortably in the palm of your hand. The belt clip is detachable, and access to the 2 AA batteries is on the back of the radio.

### 2. Using the Set

Sony's engineers obviously decided that most people will use the set while strapped to the belt; I've found that the design ergonomics make it a breeze to use if you don't look at it (or if you're blind). Finding the locations of the individual presets is simple once you understand the orientation of the buttons, and tuning the radio is facilitated by the fact that whenever the frequency is changed, the radio beeps. It's much the same pitch as the scanning beep on the Sony 2010. Tuning on AM moves in 10 kHz steps and on FM in 100 kHz steps. This means, of course, that when you scan up or down the band you hear beep beep beep beep...every time the frequency changes! Holding the button down causes the radio to continue to tune up or down, or you can push it down once for a step tune. Pushing a preset button also causes a beep to be heard. Setting the presets is quite simple; you tune in the desired frequency, push the "enter" switch on the side of the set and push the desired preset button while the "enter"



## SPECIFICATIONS

<b>Frequency range</b>	FM: 87.5-108 MHz AM: 530-1670 kHz	<b>Battery life</b>	Approx. 27 hrs. with Sony SUM-3 (NS) batteries
<b>Scan step</b>	FM: 0.1 MHz AM: 10 kHz	<b>Dimensions</b>	Approx. 82 x 94.5 x 27.5 mm (w/h/d) (3 1/4 x 3 3/4 x 1 1/8 inches)
<b>Antennas</b>	FM: Headphones cord antenna <b>AM: Built-in ferrite bar antenna</b>		excl. projecting parts and controls
<b>Output</b>	Headphones Jack (stereo minijack) load impedance 32 ohms	<b>Weight</b>	Approx. 170 g (6 oz.) including batteries.
<b>Power output</b>	18 mW + 18 mW (at 10% harmonic distortion)	<b>Accessories supplied</b>	Stereo headphones (open-air type, 1) Carrying holder (1)
<b>Power requirement</b>	3 V DC, two size AA (R6) batteries	<b>Design and specifications subject to change without notice.</b>	

switch is still depressed. Each band has 7 presets; you cannot mix them by band as you can on the 2010, so if you set the set to AM, the presets call up 7 AM channels. Going to FM gives you 7 FM frequencies. To change a preset, you just "reset" the preset with no need to erase a memory; it's done automatically. An interesting fact about the AM tuner is that it goes up to 1670 kHz!

### 3. Reception Characteristics

So far, I've decided the radio is comfortable to hold, nice to look

at and easy to use; how well does it receive stations? Is this a possible DX machine? I decided to do a direct comparison of reception with the GE Superradio and Sony 2010. In the case of the 2010, I handicapped it; no sync mode will be used. What I'm interested in is readability of signal and rejection of interference from adjacent channels. No "S" meters are used; this is clearly subjective, based on what my ears hear. All receptions are done with the same headphones to even up the sound quality. I'm using a "SIO" scale for brevity; S for signal quality, I for interference, and O for overall quality. Scale goes from 0 to 10; for signals, 10 is local quality, 0 means nothing detectable. For interference, 10 means absolutely none, 0 means the offender completely wipes out the desired signal. The test was done at home in Pleasanton, in the evening hours 1 to 3 hours after sunset. First, AM stations:

frequency	received signal(s)	possible interference	Walkman	Superradio	Sony 2010
570	(Talknet)	560-KSFO (A's BB)	5-9-5	6-9-7	6-9-6
690	XETRA	680-KNBR (Giants BB)	8-8-8	8-8-8	8-8-8
790	KXTC/ <u>KABC</u>	780-KROW/810-KGO	7-9-7	8-9-8	8-9-8
890	KDXU	---	7-10-8	8-10-9	8-10-9 (narrow)
1040	WHO	1030KTWO/1050KOFY	3-9-3	3-7-2	3-9-3
1180	KERI	1170KLOK/1190KEX	5-6-3	5-6-3	6-6-4
1270	(Giants BB)	1260KOIT/1280KJOY	7-9-7	7-9-7	7-9-7
1410	KERN/ <u>CFUN</u>	1400KBLX/1420KSTN	4-9-4	4-8-4	4-8-4
1540	KSKQ/ <u>KNZS</u>	1530KFBK/1550KKHI	6-9-6	7-9-7	7-9-7
1600	KGST/ <u>KMNY</u>	1590-KLIV	6-9-6	7-9-7	7-9-7

On AM, the Walkman suffers from a higher level of hiss in the signal; this is especially noticeable in weaker stations (this accounts for the lower S numbers). Amazingly, though, the little Walkman rejected slop from 1030/1050 better than the other two sets except when the 2010 was set in narrow; then they were equal. I also did a general scan of the dial only with the Walkman; I found general reception pretty good. Clear channels such as 850-KOA, 1190-KEX, 1160-KSL, 1070-KNX, 640-KFI, 660-KTNN, and 1030-KTWO were all well received, but nothing was heard on 540. The set nulls well. I had 2 or 3 signals on 800, one was XEROK, the other two were beneath and most likely were KPDQ and a Canadian, yet there was only slight KGO splash. Now the FM stations:

88.5	KQED	---	8-9-8	8-9-8	9-9-9
91.1	KCSM	90.9 KXPR	7-8-7 on 91.2	8-8-8	8-8-8 on 91.2
92.5	KAER	92.3 KSJO	7-7-6 on 92.6	8-9-8	8-9-8 on 92.6
95.1	KDJK	94.9 KSAN	9-9-9	9-10-9	9-10-9
96.5	KOIT	---	10-10-10	10-10-10	10-10-10
98.5	KOME	---	9-10-9	8-9-8	10-10-10
100.5	KQPT	100.3 KBAY	9-9-9 on 100.6	8-9-8	7-8-7 on 100.6
104.1	KHOP	---	10-10-10	10-10-10	10-10-10
105.3	KITS	105.1 KRAK	9-10-9	10-10-10	10-10-10
105.7	KARA	---	6-7-4	6-8-5	6-7-4

On FM, keep in mind I set the Walkman to "Mono" for a fairer comparison. The Walkman's interference rejection is comparable to the 2010 (which is to say only fair). Fortunately there are the 100 kHz tuning steps, this made it possible to hear KCSM, KAER and KQPT when on their real frequencies slop from adjacent channels made reception impossible. The short headphone cord doesn't do too badly as an antenna; in the case of KQPT, The Walkman did better than the two larger radios! I had to touch the whip on the 2010 to get a clear signal. Of course, the Walkman can be held outstretched in various ways for directionality.



Back to AM: I managed to do some quick bandscanning with it at work; situated about a mile from the KFAQ-1100 and brand new KOFY-1050 multi tower array, I found only one image on the set: KFAQ was coming in on 1000 kHz, but sounded at first like a semi-DX signal; it was being splashed by KIQI-1010; for a moment I wondered if it was a new daytimer! Lots of weak signals were heard, like KCTY-980 with little splash from KKIS, and 1540 from Capitola was holding its own against KKHL. This was done around noontime.

#### 4. Improvements This Set Could Use

The most glaring omission on this set is the lack of AM stereo; they must have thought about it, because just under the frequency readout, the set is labeled exactly as follows:

FM/AM PLL Synthesized  
Stereo Receiver  
14 Memory Presets

Kind of misleading, isn't it? When I saw the Macy's ad, I was led to believe it had AM Stereo capability. The box it comes in, however, is clearly labeled "FM Stereo/AM".

Secondly, although the headphones are comfortable the frequency response could be a little better. Using the headphones from a top of the line Aiwa "walkman" produced much nicer sound quality, especially on FM. The supplied headphones compare, performance wise, to the Sony headphones I bought for \$10 to use with my Sony 2010.

Third, although the LCD readout window allows for the word "Preset" and a number from 1 to 7 above the frequency whenever a preset button is pushed, no stereo indication appears. Even a pilot light could easily have been installed, and could have doubled as a power level indicator, which is also lacking. Every other "walkman" I've used has one that dims as power is used up. The only indication Sony gives on this is that if, when you turn on the set and no frequency shows up, the power is low or almost completely gone and you have 3 minutes to replace the batteries or else the preset memories are cleared.

Fourth, while I'm glad to see the AM dial extended to 1670 in anticipation of the band extension, I wonder why they didn't go all the way to 1700? A switch to a 9 kHz progression would have been great too; as it is, the set's only good for our hemisphere, although they did set the FM tuning steps so it can be used worldwide. I may open the the set one day to see if there's an internal switch; I can't imagine them building a special version just for us, I would think they'd sell this unit in Japan too, at least.

#### 5. Closing Remarks

I'm pleased with the radio, obviously; unlike most Walkman-type receivers, this one is pretty sensitive and selective. Tuning is easy, even in the dark (no light on the readout; use a preset as your starting point and count the beeps, hi). It compares well to the Superradio, except for the higher level of hiss, and is comparable to the 2010 in the wide position. Stereo separation on FM is good, and reception quality is adequate, better than my old walkman. Have we got a mini-version of the Superradio on our hands? Maybe someone with measuring equipment can answer that question more scientifically, but based on my limited testing, I'd say the answer is yes. (Now to hook up a beverage to it, hi!)

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FOOTNOTE FROM BRUCE PORTZER: I was so impressed with Rich's description of this radio that I ordered one for myself. The compact size, digital readout, and ability to pick up a reasonable amount of DX all made it rather appealing as something I could throw into a briefcase on business trips. I couldn't find it locally, but did come across it in a catalog on a TWA flight - it's available from an outfit called Crutchfield (1-800-446-1640 or 1-800-336-5566) for \$49 plus \$2 S/H; a decent price, and I also got 500 frequent flier miles! Observations: at night, the dial is filled. I've heard something on every freq except 830 (too much KGNW-820), and can easily null most of my locals for adjacent, and sometimes co-, channel DXing. It's quite a thrill to lay in bed and listen to, say, KSTP-1500 on something smaller than the palm of your hand (in mid-August yet). The set is not as sensitive as it could be, but coupling it to a longwire produces lots of spurious signals from locals. So they did the usual tradeoff of desensitizing the radio to reduce overload from locals. Without a longwire, the only such problem was an image from KARR-1460 on 560 kHz at my office, about a mile from the KARR xr site (this implies the i.f. is 450 kHz, instead of the standard 455. I opened the case to see what was inside. Nope no switch to select 9 kHz spacing. There are two circuit boards. One for the display and preset switches, the other for the rf/af circuitry. Unfortunately, the latter one is on the bottom and I couldn't figure out how to get the other board out without destroying the radio. The loopstick is about 2" long. Overall, it's a really wonderful little radio, and the advantages definitely outweigh the drawbacks.



Eastern DX Roundup  
Editor: Ray Bauernhuber  
141-12 243 St., Rosedale, NY 11422

DEADLINE: September 10th

=====  
(TRH-CA) Tim Hall  
350 G St., # F-1  
Chula Vista, Ca. 92010

(TRH-MI) DX'ing aboard Amtrak in Southern Michigan,  
ICF-2010 & internal loop

(TRH-MI1) DX'ing from Detroit, Mi: ICF-2010 w/internal loop

(TRH-ON) DX'ing aboard VIA rail from Thunder Bay to Toronto  
ICF-2010/Radio West Loop, internal loop at times

(TRH-ON1) DX'ing from Thunder Bay, ON.: ICF-2010/Radio  
West Loop except where indicated

(TRH-ON2) DX'ing from Parry Sound, ON.: ICF-2010/Radio  
West Loop

(TRH-ON3) DX'ing from Combermere, ON.: ICF-2010/Radio  
West Loop

(TRH-ON4) DX'ing from Maynooth & Bancroft ON.: Chrysler car  
radio w/AM Stereo

(TRH-ON5) DX'ing from Toronto, ON.: ICF-2010/Radio West Loop

=====  
530 CJFT ON, Fort Erie Noted several times from all around  
Ontario. Noted that they only seem to simulcast  
CJRN-7010 in the early AM now. CJRN breaks away for  
talk while CJFT plays music -- even heard som MYL on  
CJFT at times! (TRH-ON2,3,4,5)

600 CBLV ON, Bancroft 8/4 0945-1005 Good signal on this  
LPRT, at least a 20-mile midday range. Relays  
CBL-740 (// CBO-920) with occasional local IDs  
spliced in. Interview with Margot Kidder about her  
hometown area of Seven Islands, Quebec. (TRH-ON4).

660 WMIC MI, Sandusky 8/1 0912 Fair-good midday at 200+ miles  
w/"The Cookery Corner" cooking show sponsored by a  
bulk-food store in Port Huron. Slogan "the new 66",  
promos for Sandlight County Fair. Ex-1560 kHz.  
(TRH-ON2)

710 CJRN ON, Niagara Falls 8/4 2253 Excellent w/AC mx ID on  
the hour into Roy Masters @ 2301. Went off the air  
briefly several times due to power failures at the  
station. In their absence, noted another strong AC  
station which I thought was CHYR until I heard a  
"Cheer Radio" slogan on 730 the next night.  
(TRH-ON5)

870 WHCU NY, Ithaca 8/2 2232 Good sigs, oldies, CBS nx, &  
IDs. Not simulcasting FM. Has apparently begun  
night operation. (TRH-ON3)

880 WRFD OH, Columbus 8/6 1613 Good w/Contemp Christian mx,  
wx, ads, live reports from the Ohio State Fair.  
ID/Slogan: "Ohio's power station, WRFD." (TRH-MI1)

900 WRFO OH, Fremont 8/6 1609 Surprisingly good. DJ Steve  
w/a very broad mix of oldies, wx, jingles, etc.  
Good midday catch. (TRH-MI1)

910 WLLJ MI, Cassopolis 8/6 2045 New station is on with SMN  
"Heart & Soul" Black Oldies format. Pretty good  
signal as I passed through the area. (TRH-MI)

- 920 WMPL MI, Hancock 7/29 1050 Fair midday w/Contemp. Christian mx, YL DJ, ads for church supplies, SNN News on the hour. YL DJ tried to give away two sets of tickets for an upcoming circus, and it took 20 MINUTES until a second caller phoned in! I hope none of their sponsors were listening, hi. (TRH-ON1)
- 920 WKRT NY, Cortland 8/6 0011 Faded up briefly u/CKNX w/ID & oldies. Soon faded. (TRH-ON5)
- 920 WMNI OH, Columbus 8/6 0009 Faded up briefly for the ID. Couldn't hold on to their signal u/CKNX. (TRH-ON5).
- 930 WEOL OH, Elyria 8/6 1544 Fair-good w/EZL & oldies, partial ABC newscast on the hour, then a long local newscast. Nice midday catch (TRH-M11).
- 960 WSBT IN, South Bend 7/29 2226 Fair o/WTCH w/70's AC mx, jingles, Larry King promo, ID "Michigan's great radio station, WSBT." (TRH-ON1).
- 960 WFIR VA, Roanoke 8/5 2344 Fair u/CFFX w/long ad string after a BB game which had just ended, then joined Larry King show in progress. CBS news & local feature at the top of the hour. Surprise catch. (TRH-ON5).
- 970 WWDJ NJ, Hackensack 8/5 2325 Fair w/"Focus on the Family", local announcements, ID & hymns. Soon faded. Strong QRM from WEBR, WAVG. (TRH-ON5).
- 980 WPRE WI, Prairie Du Chien 7/30 0016 poor w/C&W mx, weather & ads. Soon lost. Must have accepted their low-power night authorization of 46 watts. (TRH-ON1).
- 990 WEZO NY, Rochester 8/5 1850 Good sigs, this call change caught me by surprise. Still Transtar "AM Only" nostalgia as of this date, despite reports last month that they were dropping it. (TRH-ON5).
- 1030 WYSL NY, Avon 8/5 1022 Weak but good overall w/long ad strings, "Broadway" by George Benson, promo for "Telephone Tradio" show, ID "Your hometown station, WYSL, radio 10-30." Has apparently dropped ABC talkradio. (TRH-ON5).
- 1150 WYNE WI, Chippewa Falls 7/30 0547-0604 Pretty good signal while riding through White River, Ont. IDs "AM 11-50, WYNE, serving Wisconsin's progressive Box County..." C&W mx. (TRH-ON).
- 1160 WCCS PA, Homer City 8/1 2058 Fair sigs u/WJJD. Has added Pirates BB (logical when you consider their city-of-license, hi). (TRH-ON2).
- 1200 WAGE VA, Leesburg 8/1 1957 Fair in QRM w/IDs, AC mx, Mutual news with local ads spliced in, promos for Orioles BB. (TRH-ON2).
- 1210 WKNX MI, Frankenmuth 8/1 1627 Fair signals, oldies mx, ads for local tourist attractions, PSAs asking tourists to behave themselves. Pretty good midday catch at this distance. (TRH-ON2).
- 1230 WMPC MI, Lapeer 8/6 1509 Pretty good midday signal with nx, wx, into religious programming. Mentioned schedule change to 24 hours/day. Slogan is "Gospel 12-30." (TRH-M11).
- 1230 WECK NY, Cheektowaga 8/5 1402 Pretty good signal w/CBS news, radar wx, ID, into nice BBD/MYL format. (TRH-ON5).

- 1230 WCWA OH, Toledo 8/6 1530 Fair w/slight interference from nulled WMPC. Oldies music with lots of slogans & IDs given between songs. (TRH-M11).
- 1240 WJIM MI, Lansing 8/6 1454 Poor, oldies, ID, NBC news, local news, & mid-Michigan wx. Pretty good midday catch. (TRH-M11).
- 1240 WGVA NY, Geneva 8/6 0559 Poor w/s-on, ABC News. Soon gone. (TRH-ON5).
- 1240 WJTN NY, Jamestown 8/6 0609 Presumed them. Poor with a report from the Jamestown City Hospital. Soon Faded. (TRH-ON5).
- 1250 WEMP WI, Milwaukee 8/2 2340 Poor w/oldies, wx, and familiar ID/slogan: "Milwaukee's oldies station, WEMP." Surprised to get them this far east. (TRH-ON3).
- 1270 CJTN ON, Trenton 8/2 0558 Poor w/C&W mx, nx, wx, and ads. Station rarely parallels 800 & 1240 anymore--I noted them airing separate programs while 800 and 1240 were busy running ads for Trenton businesses! (TRH-ON2).
- 1280 WKST PA, New Castle 8/5 0559 Poor & fading u/WPXY. WKST nx, BBD music, Pennsylvania net news. (TRH-ON5).
- 1310 WGSA PA, Ephrata 8/5 0631 Very weak, local nx/sx/wx with long ad strings. Soon faded. (TRH-ON5).
- 1340 WLVL NY, Lockport 8/3 0853-0905 Poor & fading. Oldies mx, long ad strings, live remote broadcast from some sort of special event downtown. Good catch for the distance & time of day. (TRH-ON3).
- 1340 CKNR ON, Elliott Lake 8/1 1542 Poor w/AC mx, sports rpt, Broadcast News on the hour, "Mid-Canada Radio" slogans, // CJNR-730 & CKNS-930. Nice midday catch. (TRH-ON2).
- 1360 WIXZ PA, Mc Keesport 8/4 2342-2401\* Fair w/WWNK w/local ads, C&W mx, sign-off w/SSB. All local, apparently no longer an SMN affiliate. (TRH-ON5).
- 1370 WKMC PA, Roaring Spring 8/4 0734 Fair, battling QRM from WXXI & 2 unid stns (F: & C&W). SMN Nostalgia format with special report from SNN News regarding the space shuttle test failure. NBC News on the hour. (TRH-ON3).
- 1390 WGCI IL, Chicago 7/29 2154 Fair-good without RW loop at the train station. Black urban contemp mx, slogan "Chicago's only TEEN-OPERATED radio station." Mentioned AM stereo. (TRH-ON1).
- 1400 WCCY MI, Houghton 7/29 1015 Fair midday w/C&W mx, American Country Countdown promo, ID "Your 24 hr country station, WCCY." Local nx w/local ads. (TRH-ON1).
- 1400 CBLV ON, Haliburton 8/4 0945 Has moved here from 710, per announcement on CBLV-600 & CBOD-1400. A wise move, since CJRN-710's midday signal covers all of this area of Ontario. (TRH-ON4).
- 1400 CBOD ON, Maynooth 8/4 0945-1005 Great signal, 20 mile range on this LPRT. // CBLV-600. Relay of CBL-740 (CBO-920) with occasional city/freq "ID" spliced in: "600 Bancroft, 1400 Maynooth, and 1400 Haliburton.." Local announcements just before the top of the hour mentioned the Madawaska Lions Club Irish Festival. (TRH-ON4).

- 1410 WDOE NY, Dunkirk 8/5 1458 Fair but poor readability. Oldies, ABC (Ai) news, and LONG Buffalo Bills football report sponsored by a local tire store. (TRH-ON5).
- 1490 WNBT PA, Wellsboro 8/2 2310 Poor & fading w/Phillies BB. Following the game, gave an apparent sign-off announcement & mentioned AM stereo. Not enough for a report. (TRH-ON3).
- 1490 CKOA ON, Arnprior 8/3 1726 Fair in thunderstorm QRN w/weather updates, farm-market reports, local ads. Slogan "Ottawa Valley Radio", usually // CKOB-1400 Renfrew, also audible here. This station previously unreported to DX Monitor. (TRH-ON3).

=====

UNIDENTIFIED'S: can anyone help with these stations?

- 640 8/1 2247 Talknet with Neil Meyers. (TRH-ON2)
- 730 8/6/1840 Logged on the train near Jackson, MI with simulcast of "95 FM." CHR mx. Any ideas??? (TRH-ON1).
- 980 7/30 0022 UNID w/ Music Country Network. (TRH-ON1).
- 1040 8/6 1540 Would you believe SPANISH midday on 1040 w/male announcer giving slogan "Variedad Musical 10-40"?? Maybe a pirate?? I can't imagine WHO would run Spanish in the middle of the afternoon. (TRH-LM11).
- 1280 8/5 0606 Star Spangled Banner, faded out during sign-on announcements. Who signs on this late? (TRH-ON5).
- 1360 8/4 2350 2 UNIDs, a MYL station & a Larry King. (TRH-ON5).
- 1390 7/29 2200 Pirates BB. Garbled ID mentioned AM stereo & "Over 30 years..." Maybe WKLP-WV? (TRH-ON1).

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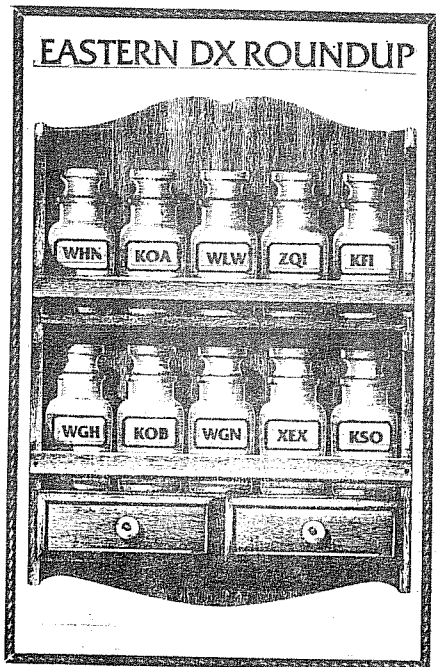
A very special thanks to Tim Hall for making my inaugural column a success. Also, thanks to Tim Kridel for doing a great job this past year and good luck in school Tim! I'll do my best preparing this column so please send in your loggings and help keep EDXR rolling along. Remember, the next deadline is September 10th. Thanks and 73 from Mr. B.

## Geomagnetic Indices via Phil Bytheway

Here is the Geomagnetic activity for the last several months. Flux is the Ottawa NRC 10.7 centimeter (2800Mhz) radio flux observed at approx 1700Z. The A and K indices indicate the amount of activity, the A being taken once a day and the K taken 6 times a day (below is the last K of the day), at Fredericksburg, VA. I wrote to these folks about being dropped last January, and they treated me as my letter was the first time I'd ever written. I even got the same form letter thanking me for my request and telling me that I've been put on their list, and not a single mention of my request for the back issues I did not receive (typical government mentality, I guess). In addition, since they have decided to start charging \$26 a year to get the updates, I will no longer be receiving them. Thus, this is the last time I will do this column. Anyone out there interested in continuing this, let me know.

DATE	FLUX	A	K	DATE	FLUX	A	K	DATE	FLUX	A	K	DATE	FLUX	A	K
4/18	144	5	2	5/6	114	63	4	5/24	117	10	2	6/11	134	8	1
19	137	12	2	7	111	9	3	25	119	9	4	12	122	4	2
20	134	6	3	8	115	14	3	26	125	8	2	13	112	6	2
21	126	6	3	9	120	11	2	27	127	3	2	14	108	20	4
22	119	35	4	10	114	13	2	28	127	4	2	15	111	10	4
23	110	19	1	11	112	6	2	29	136	8	3	16	118	8	2
24	104	6	2	12	109	5	2	30	139	15	4	17	121	23	3
25	105	5	2	13	104	4	1	5/31	145	9	2	18	122	15	3
26	103	6	1	14	103	2	1	6/1	150	7	2	19	116	21	4
27	101	6	3	15	101	5	2	2	144	6	3	20	115	14	1
28	100	12	3	16	101	13	2	3	145	2	0	21	121	6	2
29	101	6	1	17	101	23	4	4	147	2	1	22	119	12	3
4/30	103	8	3	18	104	14	3	5	147	9	3	23	125	8	3
5/1	107	4	2	19	102	7	1	6	154	9	3	24	135	25	5
2	115	7	3	20	104	8	3	7	160	8	3	25	150	32	5
3	121	6	3	21	110	12	4	8	163	7	2	6/26	155	16	4
4	125	13	1	22	111	8	1	9	165	9	3				
5/5	119	16	5	5/23	119	6	3	6/10	145	9	2				

## EASTERN DX ROUNDUP



Editor: Tim Kridel  
Box 147  
Middle Island, NY 11953

All times in Eastern...

(GH-PA) Gary Heisey  
Box 310F RDL  
Osterburg, PA 16667  
Philco radio, GE Superadio

(WW-MA) William Wyllie  
95 Peck Street  
Franklin, MA 02038  
Fisher 418 w/ indoor ant.

610 CKTB ON, St. Catherines 5-5  
2205 Poor in WIP partial  
null, w/ 2 IDs by man.  
Sounded like new age mx.  
(GH-PA)

670 WIEZ PA, Lewistown 6-6 1945  
Good w/ oldies, ABC mx.  
S/off @ 2100 w/ coverage  
area and oper hrs: 05:45  
to 21:00 during June. No  
SSB. Ex- 1490, where was  
EZL. (GH-PA)

810 CJVA NB, Caraquet 6-4 2255  
Good o/ WGY, w/ FF talk.  
(WW-MA)

850 UNID 6-4 2330 Good behind  
local WHDH, w/ soft EZL  
mx, but no ID. (WW-MA)

1220 WNNR CT, Hamden 6-11 2037 Fair/good w/ oldies, ID as "Winner radio, AM stereo." Last heard as WCDQ, letter said they were at 500 watts. Much CKCW, WGAR QRM. (WW-MA)

1370 WEIF WV, Moundsville 6-26 0645 Fair in WKMC null, w/ ment of "WEIF radio coupons." "Your favorite mx, stay right here at WEIF." (GH-PA)

1390 WEGP ME, Presque Isle. 5-27 2310 Good o/ others, w/ ID during baseball game. (WW-MA)

1450 WFTR VA, Front Royal 5-19 0740 Ment of Salvation Army, ID, "Birthday Club of Front Royal." (GH-PA)

1570 WPGM PA, Danville 6-29 2130 "96.7 FM" and "Serving you from Danville, PA," into relig program. (GH-PA)

Summer has been a scorcher here, with high humidity and temperatures in the 90s. And it's only half over, too...Remember, I'm still looking for a replacement editor to take the helm of EDXR as I prepare to move later this month. Contact HQ if you're interested...Best of luck and see you in the pages of DXM...

## Jefferson-Pilot Cancels Deal to Buy 50,000-Watt Radio

By Marilyn Geewax  
Staff Writer

Jefferson-Pilot Communications Co. said Friday it has cancelled plans to buy a 50,000-watt AM radio station from Michael Hollis because the Atlanta entrepreneur is demanding an additional \$1 million for the property.

Jefferson-Pilot, a broadcasting company based in Charlotte, N.C., already owns the top-grossing radio combination in Atlanta with WQXI-FM, known as 94Q, and WQXI-AM 790.

The company had planned to pay about \$5 million for WPBD-AM 640, a station built over the past year by Hollis. The station began broadcasting taped "oldies" in early April.

According to a contract signed in April 1987, Hollis planned to sell WPBD to Jefferson-Pilot as soon as the Federal Communications Com-

mission (FCC) approved the transfer of the license. Jefferson-Pilot said it had expected that transfer to be completed later this month.

Under the contract, Hollis was to receive about \$2 million to cover construction costs and another \$3 million to pay other expenses, such as legal and engineering fees, and to provide him with a profit.

WQXI President Gerald S. Blue said that Hollis recently demanded more than \$1 million more to complete the deal — and that Jefferson-Pilot refused to comply.

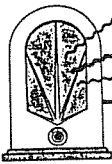
Hollis could not be reached for comment Friday.

The sale of the station has been controversial because Hollis, who is black, originally applied for the WPBD license under a federal government program to encourage minority

### Station

via Karl Jeter

continued on  
page 16



# CENTRAL DX ROUNDUP

John Johnson 979 Neptune Blvd  
Billings, Montana 59105-2129



=====**FOR THE RECORD**=====

All times are Eastern Local. Deadlines: 9/10, 9/24, 10/8.

=====**RIDING GAIN**=====

[SA-MB] = Shawn Axelrod, 30 Becontree Bay, Winnipeg, Manitoba R2N 2X9  
ICOM IC-R70, Loop, 75' & 175' longwires with TUN-3 tuner.

[TRH-SK] = Tim Hall of CA DXing aboard via rail w/ICF-2010, internal loop.

[TRH-MB] = Tim Hall of CA DXing aboard via rail w/ICF-2010, internal loop.

[TRH-MB1] = Tim Hall of CA DXing in Winnipeg, MB, w/ICF-2010, Radio West Loop.

[TRH-IL] = Tim Hall of CA DXing from O'Hare, Chicago, w/ICF-2010, internal.

[TMJ-IL] = Tom Jasinski, 419 North Raven, Shorewood, Illinois 60435  
FRG-7, 2 1/2' loop.

[Wmc-MB] = Wayne McRae of Winnipeg DXing at Ames, Manitoba  
ICOM IC-R70 and loop.

[JcJ-MT] = Your editor using an ICOM IC-R71A with a Radio West Loop.

=====**SPECIAL INTEREST**=====

1320 KEMX UT Salt Lake City, EX-KCPK, KBUG. 8/8/88 good w/slight fades. 0900  
ID "KEMX, Salt Lake City" and into CBS News. Slogan "Easy Mix of  
Music." Light rock format. UT#56. [JcJ-MT]

=====**DOWN THE DIAL**=====

890 KQLX ND Lisbon, 7/27 fair, midday catch 200 miles. 1210 w/C&W, DJ Lori  
Allen. Lots of local merchants crazy days spots. [TRH-MB1]

WLS IL Chicago, 8/8. Noted off the air 0510. Not sure why, but severe  
thunderstorm passed thru earlier. Still off at 0745. 890 dead  
except for a latian. [TMJ-IL]

880 WBKZ GA Jefferson, 8/8 fair w/WCBS, WLS off the air. 0520 w/rock music.  
IDs as "Z88" and "WBKZ". WLS splatters too much onto 880, only  
chance to log 880 is when WLS if off, very rare. [TMJ-IL]

940 KIOA IA Des Moines, 7/9 good, no CGX. 2315 w/SID, oldies. [Wmc-MB]

1200 CFGO ON Ottawa, 7/24 strong. 0515 w/CHR music, ID as "All new, all new,  
12 hundred" and "Energy 12 hundred" Also "We're putting this  
sucker in overdrive on Energy 12 hundred" Dominating until 0535.

[SA-MB]

1210 KASY WA Auburn, 7/20 fair. 0640 w/"Make it a ? weekend on AM 12-10 KASY"  
Lite rock & oldies. Lost at 0655. New, WA#13. [SA-MB]

1220 CJRB MB Roissevain, 7/19 fair. 0650 w/local news, lite rock, farm weather  
forecast then fiddle music. They usually have classical music  
and/or German programs. Usually \950 & 1250. [SA-MB]

1230 KTRF MN Thief River Falls, 7/27 fair, good 140 miles catch. 1237-1250 w/  
farm and local news, lots of spots, tourist promos. [TRH-MB1]

1240 KASL WY Newcastle, 7/27 poor-fair. 0100 w/ID by male, Ai News. [TRH-SK]

KDLR ND Devils Lake, 7/27 fair into Western MB. 7/27 w/farm news, local  
crazy day merchants spots, business report. This station gets  
out very well. [TRH-MB]

1250 WEMP WI Milwaukee, 7/9 good in CHSM null. 0245 w/"The original Milwaukee  
Oldies Station, WEMP 12-50." [Wmc-MB]

1270 WKBF IL Rock Island, 7/9 good. 2305 w/ID after CBS News "Real Country,  
WKBF." [Wmc-MB]

1280 KVOX MN Moorhead, 7/9 poor, CIFX splatter. 2215 w/simple "KVOX" ID, back  
to Twins baseball game. [Wmc-MB]

1330 KFH KS Wichita, 7/28 fair. 0105 w/CBS News, man w/weather, Talknet  
promo. [TRH-MB1] {Strong into Billings, John.}

1350 CKAR ON Oshawa, 8/7 poor u/WXCL. 0205-0228 w/West Indies ethnic program  
which airs Friday & Saturday nights 0000-0600 ELT. Host Chuck  
Reynolds. Mentioned simulcast on CKQT-FM [TRH-IL]

1360 KSCJ IA Sioux City, 7/25 good. 0630 w/sign on. Rooster crow, alarm clock  
noise, person growning, another rooster crow, then into sign on  
info. No SSB. [SA-MB]

1400 KMHL MN Marshall, 7/9 good. 0200 w/sign off, SSB. Gave schedule as 0630-  
0200. [Wmc-MB]

KLIN NE Lincoln, 7/23 very poor. 0005 w/news, "KLIN" ID. [Wmc-MB]  
+7/28 poor in noise. 0332 w/Larry King, Mutual News, ID slogan  
"Lincoln's News Authority." [TRH-MB1]

KXGN MT Glendive, 7/9 good. 0205 w/"KXGN, Glendive, MT, the amazing AM"  
[Wmc-MB]

1430 KEZW CO Aurora, 7/27 poor-fair. 0046 w/mixed bag of music, male DJ w/IDs,  
spots. [TRH-SK]







# WESTERN DX ROUNDUP

2301 PACIFIC AVE., ABERDEEN WA 98520

WDXR deadlines: Mondays Sept. 12, Sept. 26, Oct. 10, Oct. 17, Oct. 24  
REPORTERS FOR THIS ISSUE:

- (MB) Mike Brooker-99 Wychcrest Ave.-Toronto, ON M6G 3X8  
DX'ing at ANARC convention, Irvine, CA using Sony ICF-7600D
- (TRH) Tim Hall-350 G St. #F-1-Chula Vista, CA 92010  
ICF-2010  
TRH-CA1 DX'ing aboard Amtrak in CA, ICF-2010, internal loop  
TRH-AZ DX'ing at Phoenix Sky Harbor Airport, ICF-2010, internal loop  
TRH-OR1 DX'ing from Southern OR, Delco car rx  
TRH-OR2 DX'ing from Columbia River Gorge, weak Toyota car rx with G-QUAM  
TRH-OR3 DX'ing from Klamath Falls, OR, ICF-2010, Radio West loop  
TRH-WA DX'ing from Southern WA, weak Toyota rx with G-QUAM  
TRH-WA1 DX'ing from Yakima, WA, ICF-2010, Radio West loop  
TRH-WA2 DX'ing from Mt. Rainier Nat. Park, ICF-2010, R.W. loop  
TRH-WA3 DX'ing from Vancouver, WA, ICF-2010, Radio West loop  
TRH-AB DX'ing from Banff, AB, ICF-2010, Radio West loop  
TRH-BC DX'ing aboard VIA rail, ICF-2010, Radio West loop  
TRH-BC1 DX'ing from Vancouver, BC, ICF-2010, Radio West loop  
TRH-BC2 DX'ing from Vancouver Island, BC & vicinity, ICF-2010 and Radio West loop except where indicated  
TRH-BC3 DX'ing from Kamloops, BC, ICF-2010, Radio West loop
- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520  
BH-WA1 Travelling in Washington state, Delco car radio  
BH-WA2 DX'ing in Spokane, WA, G.E. 7-2963A portable  
BH-BC DX'ing near Cranbrook, BC, G.E. 7-2963A portable  
BH-AB DX'ing in Banff, AB, G.E. 7-2963A, Delco car radio
- (RtH) Ric Heald-8539 Bellamy Way-Sacramento, CA 95828
- (CM) Curtis McMenamin-2917 Georgia St.-Vallejo, CA 94591  
GE Superadio, SM-1; Sony ICF-2010, Radio West loop
- (JO) John Oldfield-7135-129A Street-Surrey, BC V3W6T4
- (5P) Dale Park-2253 Kanealii Ave.-Honolulu, HI 96813  
ICF-6700W  
5P-CA1 DX'ing in North Irvine, CA, Sagean ATS-803  
5P-CA2 DX'ing in San Marcos, CA, Toyota car rx  
5P-CA3 DX'ing from Beverly Hills, CA, Sagean ATS-803
- (FPJ) Floyd Perry Jr.-6408 Morgan Pl. #218-Stockton, CA 95209  
Sony CFS-W501 FM/AM stereo cassette-corder with no external antenna
- (bp) Bruce Portzer-6546 19th Ave. NE-Seattle, WA 98115  
RACAL RA-17, Sony SRF M40W
- (MR) Mike Riordan-P.O. Box 1195-Goleta, CA 93116  
Blaupunkt car radio, 5' whip antenna; GE Superadio II
- (MS) Mike Sanborn-P.O. Box 1256-Bellflower, CA 90706
- (PT) Pete Taylor-2614 Jackson St.-San Francisco, CA 94115
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118  
GE Superadio, GE long-range portable, SM-2
- \*\*\*\*\*
- OF SPECIAL INTEREST:
- 960 KZXY CA, Apple Valley 7/25 0901 good o/u KLAD in KABL null with blip ID "KZXY, in Apple Valley," then gone. Ex-KAVR. (RW-CA)
- 1320 KEMX UT, Salt Lake City 8/15 0605 good way over KGNR with ID "You're listening to John Griffin, on 1320, KEMX." Ex-KCPX. Thanks to JGJ-MT for this tip! (RW-CA)

1510 KCAF CA, San Rafael 8/1 1500 good in very tight KHTT-1500 null.  
 ID "Calf Country Radio 1510." ID on hour "The new 1510, Calf  
 Country, KCAF, San Rafael," into UPI News. Ex-KTIM. First day  
 using new calls per article in S.F. Chronicle. (RW-CA)  
 +8/1 1735 ex-KTIM and Big Band. Now noted with new calls & new  
 country format. IDs as "Calf Country 1510." (PFJ-CA)  
 \*\*\*\*\*

520 "BF" WA, Seattle area 7/23 1300 noted new beacon repeating "BF" in  
 Morse code (tone keyed on & off). Good south of Seattle,  
 weaker on north side. (BH-WA1)

530 KNHZ788 WA, Lynnwood 7/23 1350 construction message for southbound  
 traffic at Interstate 5 and 405 interchange. Calls given,  
 beacon on 520 no problem. (BH-WA1)  
 (TIS) WA, Mt. St. Helens 7/21 2345 noted OC only as I passed the  
 signs along I-5 50 miles north of the Oregon border. (TRH-WA)  
 (KTT822) WA, Seattle 7/23 1310 only an open carrier from Seattle-Tacoma  
 Airport TIS. Signal good enough to easily separate from new  
 beacon on 520 if both operated at the same time. (BH-WA1)  
 (KNEZ390) WA, Seattle 7/23 1325 only open carrier from I-5 at 45th St.  
 Rumble of messages underneath, likely Lynnwood & Bellevue. (BH-WA1)

550 CFJC BC, Kamloops 7/23 1622 poor-fair under KARI's MONSTER signal  
 with C&W music, local ads, lots of "JC 55" slogan IDs. Midday  
 reception at 200 miles. (TRH-BC2)

580 (KJMM) AZ, Tucson 8/7 1150 still off the air. (TRH-AZ)

600 KGEZ MT, Kalispell 8/2 1914 fair ending CBS "The World Tonight,"  
 1915 local ads and Montana news until CBS Sports 1925. Strange  
 that this 5kw was so good, but no sign of 50kw KOFI-1180! In  
 fact KGEZ, local CKEK-570, and "66 CFR" (CFPR-660) were the only  
 daytime signals on the band! (BH-BC)

610 KONA WA, Kennewick-Richland-Pasco 7/20 2041 good signal in stereo  
 with ABC (Ai) sports, local ads, Paul Harvey news. One of the  
 better stereo signals--I'm usually disappointed with AM stereo  
 signals. (TRH-OR2)

620 KWSD CA, Mt. Shasta 7/11 2030 in fair with s/off. Heard anncr say  
 tune to KEDY 95.3 FM for more of your favorite songs, then  
 sign off. (CM-CA)  
 \*KGW\* OR, Portland 8/8 0309 noted with TT. KTAR in alone. (RW-CA)  
 +8/8 0352 loud varying TTs noted on otherwise empty channel. (bp)

630 KXDC CA, Monterey 7/16 0429 poor in null of KTKK/KIDO/KHOW, KFI-640  
 slop. EZL music, ID "KXDC FM 1-On-2 and AM 63," more EZL music.  
 (5P-CA1)

KTKK UT, Sandy 7/16 0406 poor under KIDO/KHOW with Ray Briem's short-  
 wave special. I called from Irvine; unfortunately I was heard  
 everywhere EXCEPT KABC! At 0417 net ads, PSA, Briem phone number,  
 back to show. ID 0426 "... for Utah, Talkradio 63..." (5P-CA1)

KKPL WA, Opportunity 8/4 0130 local with "Longer Listening 96 Apple  
 FM" simulcast of 96.1 adcon format. This and KEYF-1050 are the  
 only Spokane-area daytimers using their fulltime night powers  
 after sunset. (BH-WA2)

640 KFI CA, Los Angeles as of 7/11/88 switched format to all news talk.  
 KFI has the controversial obnoxious talk show host Tom Lekius,  
 4-7pm M-F and Sat. 10-2. Tom Lekius is from KFYY-910 Phoenix.  
 (MR-CA)  
 +Format is now mostly talk as of 7/11 annets. AdCon remains only  
 during Lohmann & Owens morning drive show & weekends. Several  
 promos "welcome" listeners who twisted their dials from KABC.  
 Slogans include "AM 6-40" & "We're Talking Southern California  
 Like It's Never Been Talked Before" (sic). (5P-CA1)

650 (KORL) HI, Honolulu noted off the air, for good 8/1? Per DJ at KLHI-FM,  
 the Lahaina station aka "FM 101" ended its lease of the KORL  
 facilities at midnight local time, deciding not to renew its  
 one-year agreement with the KORL owners. (5P-HI)

KUUY WY, Cheyenne 8/1 0439 good in CISEL null with ID "Cheyenne's  
 choice for the best C&W, 650, KUUY." Rare on night pattern. (RW)

660 KTNN AZ, Window Rock 7/15 0051 good to poor with deep fades; o/u  
 KGDP with relig. programs. C&W song, MDT TC and NBC News. SID  
 at 0105, more C&W music. New. (5P-CA1)  
 KGDP CA, Orcutt-Santa Maria 7/4 1411-1546 fair to good midday on  
 their 1st day of operation. Male anncr inviting listeners to  
 stop by their studios for a free buffet. CNN & local news on  
 the hour & half-hour, excerpts of relig. programs they'll be

KGDP airing, and invitations for listeners to call them and tell  
cont'd them how the signal was coming in. I called, as did Glen  
Kippel & Steve Mittman. New, CA #204. (TRH-CA)  
+On air 7/4/88. Good signal during day in Santa Barbara area.  
670 KWNK CA, Simi Valley 7/19 0118 poor, ripply in slight KBOI null.  
Noted airing Sally Jessy Raphael on tape (maybe // KVSD?);  
local ads, ABC News (Ae or Ac) noted at 0200. (5P-CA1)  
690 KVOI AZ, Tucson 8/7 1200 still here, unsure if move to 700 kHz  
will ever happen. Very weak, suggesting that the power  
increase on 690 kHz never got on either. Still relig. format.  
(TRH-AZ)  
KRCC OR, Prineville 7/21 1227-1246 good under unID (prob. CBU)  
with C&W music, local Chamber of Commerce report & ads. Nice  
midday catch. (TRH-WA1)  
700 ?KFAM? UT, North Salt Lake City 7/18 0026 poor with XETRA-690/KMPC-  
710 slop. EZL music, long but mumbly ID ending in "AM 700,"  
into man with local news, back to EZL. (5P-CA1)  
720 (KDWN) NV, Las Vegas 6/23 0430 totally off on rare weekday SP, leaving  
unID Spanish, either KSAH or XEUV most likely. (TRH-CA)  
740 ?KTRH? TX, Houston 7/17 0422 very poor; QRN. Probably them with replay  
of Jim Bohannon Show starring Dirk Van // KFI-640. KCBS off  
(monthly?). (5P-CA1)  
760 (KFMB) CA, San Diego MM 7/11 0517 noted OC, leaving Reloj station &  
one unID station, likely CKQR. (TRH-CA)  
770 (KKOB) NM, Albuquerque MM 7/11 0340 totally off until about 0400,  
leaving only XEZA. No trace of KPLA or WABC this time. (TRH-CA)  
790 KABC CA, Los Angeles 7/16 0300 "Rest of the Story," ads, Ray Briem's  
ANARC special. I was the second caller (and second Dale) on  
the network, but I was replaced on KABC by a car dealer ad!  
(5P-CA1)  
(KABC)+8/15 0429 totally off, back on with OC later. (RW-CA)  
810 \*KGO\* CA, San Francisco 7/24 0516 noted with TT. (RW-CA)  
830 KFLT AZ, Tucson this was my unID for 6/12/88. I got them 7/5 1230  
at UCSB campus near the beach. Station-ID & temp. given for  
Tucson. KFLT has relig. format. Station is audible near some  
beaches only in Santa Barbara area (daytime). (MR-CA)  
860 (KTRB) CA, Modesto 8/8 0345 not noted. Used to be a big pest here.  
Were they off or did they change patterns? (bp-WA)  
870 KROL NV, Laughlin 7/23 0100 booming in, dominating channel with  
Oakland A's baseball (to add to their nightly tape-delay  
coverage of the Padres & Dodgers!). ID/slogan "8-70 AM, KROL  
Laughlin-Las Vegas, your sports authority." Surprised to find  
them on top. (TRH-BG1)  
880 KKMC CA, Gonzales 7/16 0258 fair-good over KRVN with s/off anct.  
mentioning that KKMC would return to the air with "The good  
news of Jesus Christ," no SSB. (MB-CA)  
KRVN NE, Lexington 7/16 0300 fair-good with ID as "Good morning,  
this is KRVN news," local & state news, Nebraska weather at  
0305. (MB-CA)  
890? \*WLS\*? IL, Chicago 7/25 0335 suspected weak with TT looping east. (RW)  
KVOZ TX, Laredo MM 7/11 0630-0701 fair-good over WLS with brief s/on  
anct. by man. Very mixed bag of music (C&W, MOR, BBD, AdCon,  
EZL all in a half hour!) and WEATHER FORECASTS AFTER EVERY  
SONG!! Texas State Network news at 0655, CBS News at 0700.  
Killed by XEYQ s/on at 0701. (TRH-CA)  
KDXU UT, St. George 7/15 0132 good to poor, deep fades. AdCon, cart  
ID "KDXU 8-90" and back to Charley Fox on the satellite, local  
ads, promo for "Trading Post...on Dixie's 8-90 KDXU," more  
AdCon music. ID at 0159 "From Utah's Dixie, 8-90 KDXU St.  
George" and Ai News. (5P-CA1)  
910 KNEW CA, Oakland 7/16 0356 good with contest promo to win a trip to  
Seoul Olympics. (MB-CA)  
940 KFRE CA, Fresno 7/18 0554 poor, KRTH-930/XEGM-950 slop. Man with  
"Interstate Weather," ID "Interstate Radio Network...on KFRE  
AM & FM," into C&W music; ID lost. Into Ai news 2 seconds  
ahead of KABC/KGO/KOMO. (5P-CA1)  
+7/23 0305 fair, has added Interstate Radio Network truckers  
show at night. Local IDs noted at times. (TRH-BG1)  
960 KOOL AZ, Phoenix 7/16 0418 fair-good with ID "Cool gold, 960 AM"  
into oldie "I Fought the Law" by Bobbly Fuller Four. (MB-CA)

- 970 KCHV CA, Coachella 7/13 1451 poor, KFWB-980 slop. Mexican music, noticias at 1455. EE/SS IDs "KCHV Coachella-Mecca." Volume kept jumping up & down for some reason. (5P-CA2)
- KBBK ID, Rupert 7/25 0808 good over KYTE-KHYV with ID. Livestock report, ID "KBBK newstime is 6:08." Looking for KTRW. (RW-CA)
- KTRW WA, Spokane 8/1 0823 faded up briefly over KYTE-KHYV-KBBK with ID "KTRW, Spokane's ???" then gone. Not enough for report, but call change, ex-KZZU. Don't know if ever was KHIT, those calls are now for RENO-1590. (RW-CA)
- 1030 ?KJDJ? CA, San Luis Obispo 8/8 0315-0410 assume this was the one o/u KKSA with Larry King & NBC News. No ID heard but matches what several others have heard. (bp-WA)
- KMAS WA, Shelton 7/23 1926 fair in CKXY-1040 slop, first audible on Delco car radio as I approached Victoria. Mixed bag of music, lots of ads. Station has added Mariners baseball. (TRH-BC2)
- 1040 KLHT HI, Honolulu was to have shut down by the EPA 8/1 0600 because it was still using the Waikiki xmtr, but the courts granted temporary reprieve. KLHT plans to share the KAIM-870 facilities; the Waikiki xmtr (ex-KPOI-1380) was deemed unhealthful. (5P-HI)
- CKXY BC, Vancouver 6/3 0100 coming in real good with "All hits on Kicks" 1040. How many watts does this station put out? Anyone know? (CM-CA)
- 1060 KAHU HI, Hilo per Chuck Boehnke in 5/88 ASWLC, they have cut sked & moved. Call to station confirms; sked is now 1200-0400 EDT, format is Hawaiian. (5P-HI)
- 1070 (KWSA) OR, West Klamath 7/18 not on yet. (TRH-OR3)
- 1080 KWAJ HI, Honolulu format modified again in late July--now occas. AdCon filler, oldies, jazz. (5P-HI)
- 1090 KLWJ OR, Umatilla 7/21 0955-1100 still here, not on 1100 kHz yet. Relig. programs, USA net news. Fair signal, subject to noise and fading. (TRH-WA1)
- 1110 \*KRLA\* CA, Pasadena 8/1 0337 noted with tone. (RW-CA)
- 1130 CKWX BC, Vancouver 7/16 0344 in over semi-local KSDO with Satellite Radio Network program, // CHUB-1570. (MB-CA)
- 1150 KCKY AZ, Coolidge 8/7 1205 now runs a POLKA show on Sunday mornings instead of its usual all-sports format. (TRH-AZ)
- KIIS CA, Los Angeles 8/13 0202 formal ID. Not unusual unless you have a 50kw neighbor on 1140, hi. First time ever a clear KIIS ID from Sacramento. (RtH-CA)
- 1170 KLOK CA, San Jose 8/9 1500 has switched from AdCon/oldies (promoted as Yes/No Radio) to Spanish. The change should have occurred the day before, but it was delayed for some reason. I was able to tape the change. (FPJ-CA)
- +Finally came on in Spanish about 1500 8/9, a day late. "Radio Reloj" & "La Nueva KLOK." (PT-CA)
- +Per San Jose Mercury news article KLOK was scheduled to switch formats to Spanish on 8/8. Changed over officially 1500 8/9. "Radio Reloj" IDs. (RW-CA)
- (KLOK)+7/9 0535 totally off on rare SP. KV00/KCBQ in. (RW-CA)
- 1180 KOFI MT, Kalispell 6/28 0400 ID by man into Mutual News. Very rare here now since KCBQ & KERI both went NSP. (TRH-CA)
- 1190 KPZE CA, Anaheim format is now all talk. (5P-CA1)
- 1200 KPI204 CA, Soquel?? 7/18 2100-2118 noted LOUD OC while passing through Salinas. ID by man at 2118 "This is KPI204." Possibly some sort of preliminary test for KOQL xmtr? (TRH-CA1)
- 1210 KEBR CA, Rocklin-Sacramento 7/18 0430 strong over KASY with "Unshackled" program, PSA, ID "KEBR, Rocklin-Sacramento," into hymns. Per call to station, power is 5000/500, currently operating 8:30pm-5:30am PDT (night xmtr), day xmtr is still being tested. That's a new one... New. (RW-CA)
- +7/19 0333 has moved here from FM with Family Radio satellite programming. Good signal at night through northern CA. Thanks RW for tip. (TRH-CA)
- +7/23 1800 back to night operation only, off the air days. Daytime operation lasted less than a week. (RtH-CA)
- 1230 KEZD NV, Las Vegas 8/1 0334 carrying delayed broadcast of Las Vegas WBL BKB. (RW-CA)
- KVAS OR, Astoria 7/21 1726 fair-good under KWXYZ with C&W music, male DJ, a few ads & IDs. Nice midday reception at 120 miles. (TRH-WA2)
- KDOV OR, Talent 7/21 0000 & again 0916 recheck with usual relig. programming & IDs. Surprised that this one was the dominant station with so many others closer. (TRH-WA1)

- 1230 KOZI WA, Chelan 7/24 0250 weak, faded up quickly for the ID & then gone. Tried several times for a report on this one. (TRH-BC1)
- KWYZ WA, Everett 7/21 1723 good over KVAS C&W music, WA lottery numbers, local ads, "Radio 1-2-3" slogan. Nice midday signal at 100 miles. This station & KRKO-1380 both get out quite well. (TRH-WA2)
- TIS AB, Banff 7/25 2350 good with new format--see 1490 kHz for details. (TRH-AB)  
+8/1 2355 noted this former Banff Nat. Park TIS with a radio drama (in French) similar to the one on 1490 kHz. (BH-AB)
- (TIS) AB, Banff Nat. Park (Castle Junction) 8/2 1240 highway sign in French said to "syntonisez 1230" but only an open carrier heard. (BH-AB)
- (TIS) BC, Field 7/25 1920 not noted while riding through the area or when I got off the train & walked around with the radio. (TRH-BC)
- (TIS) BC, Revelstoke 7/25 1601 not noted while riding through the area. Off for good? (TRH-BC)
- 1240 7KSM? CA, Santa Maria 7/20 0103 very poor o/u Mexican. Angels baseball vs Toronto // KMPC-710. Net list from KMPC only shows KSM on 1240. (5P-CA3)
- CJAV BC, Port Alberni 7/22 2110 fair over CKGO with lengthy sports report, local ads, ID/slogan "Information for the Alberni Valley, we're here 24 hours a day, CJAV 12-40 AM, CJAV cable 104.1." CHR & oldies music. (TRH-BC1)
- CKGO BC, Hope 7/23 1538 poor, simulcasting CHWK-1270 with AdCon music, long ad strings, & mention of CHWK's switch to AM stereo. Midday, over 120 miles away. (TRH-BC2)
- 1260 KVSF NM, Santa Fe 8/1 0740 loud in KOIT null with news roundup, C&W, ID. (RW-CA)
- KCYX OR, McMinnville 7/23 2313 fair, mixing with local CBPZ. Dick Bartley's Rock & Roll Oldies Show, local ads and pre-recorded ID/slogan tapes. Logged from the car ferry a few km NE of Swartz Bay with ICF-2010 & internal loop. (TRH-BC2)
- CBPZ BC, Swartz Bay 7/23 1850 TIS station first noted with fair to good signals about 35 km north of Victoria--really gets out. Long tape loop of weather information interrupted by local public address anncts from the Swartz Bay auto ferry dock. Only heard 1 full ID in about 2 hours. (TRH-BC2)
- 1300 KPMO CA, Mendocino 7/19 2341 fair under KMPS with Oakland A's baseball. Surprised to hear them--where was KESI?? (TRH-OR3)
- (KESI) OR, Phoenix 7/18 & 7/19 no trace of them, all other Medford area stations audible here middays. At sunset, KPMO only noted, then KMPS at night. Are they silent? (TRH-OR2)  
+Per friend who travelled in Medford area on 8/8, KESI is not on the air yet. That settles any doubt. (RW-CA)
- 1310 KCRE CA, Crescent City 7/22 0822 poor-fair with AdCon music, ads, promo for their Sunday afternoon program "Remember When" (30s-40s-50s music). Simulcasting FM 94.3. (TRH-WA3)
- 1330 (KLOM) CA, Lompoc 7/18 1600 not noted while passing through the area. Apparently still silent. (TRH-CA1)
- CJYM SK, Rosetown 8/8 0420 most-wanted finally heard. Took 90 min. of monitoring before finally faded up strong enough. KFAC nulled, weak under KUPL. ID "Coast-to-coast, heard on some of Canada's best radio stations..." ID "1330, CJYM and 1210, CFYM." No sign of CFYM though (KEBR too tough on 1210!), tried for CKOM-650, but not heard. New. (RW-CA)
- 1340 KIHHR OR, Hood River 7/21 1749 fair sigs with C&W music, lots of local ads & Mutual net features. An example of the favorable reception conditions at Mt. Rainier, as this station was not audible from several other sites closer to Hood River. (TRH-WA2)
- (KJLU) OR, Klamath Falls 7/18 not on yet. (TRH-OR3)
- KLKI WA, Anacortes 7/21 1749 fair, level with KIHHR with ads, Mutual net features, weather, IDs. Slogans "The lucky one" & "AM 13." Nice midday catch at over 140 miles. (TRH-WA2)
- KAPA WA, Raymond 7/23 0759-0807 weak, fading badly. SSB, s/on by female annrc. Soon trampled by KLKI. (TRH-BC1)
- CFHC1 AB, Banff 7/27 1200 local news, 1202 new adult contemporary music format with about 25% pop country, was 100% country last year. Still country at night when relaying CFAC-960. (BH-AB)
- 1350 KSRO CA, Santa Rosa 7/21 0930 fair-good under KRLC with ID & news. (TRH-WA1)

- 1360 KOHU OR, Hermiston 7/19 0041-0107 fair signals through Martinez, CA with C&W music, CBS News, local ads, s/off with SSB at 0106. (TRH-CA1)
- 1380 TKSMJ? CA, Sacramento 7/15 0236 poor to very poor, o/u KTOM, ripply QRM. Woman airing black oldies music // unID on 1290 (KMEN?); ID not picked up. (5P-CA1)
- 1400 (KCKO) WA, Spokane 8/3 & 8/4 still completely silent. (BH-WA2)  
AZ, Phoenix 8/1 0347 loud in KEXL null with ID "K-Sun, Radio Fiesta!" This station gets out well! (RW-CA)
- CJEK BC, Sparwood 7/26 0656-0722 new station is on. AdCon music, sports, weather, etc. Fair signal but very heavy QRM from CKRP. Joins the "EK Radio" net--CKEK-570 & CFEK-1240. Also Night Shift program & SRN News. (TRH-AB)
- 1430 KYKN OR, Keizer 7/21 1711 good over KBSN with C&W, local ads, lots of DJ chatter. Nice midday catch. (TRH-WA2) (KBSN-1470?--NH)
- 1440 KUHL CA, Santa Maria 7/19 0950 fair - poor; o/u Mexican. "California Farming" agric. show from Calif. Farming Network; net & local ads. ID 0959 "Newstalk 14-40 KUHL," ABC-I news. (5P-CA1)
- 1450 KOWA CA, Escondido 8/8 0317 another call change logging. C&W music by David Allen Coe, time check, weather, and ID as the "Cow" at 0321. Mostly dominant on the frequency. (MS-CA)
- CFHC AB, Cammore 7/27 1215 format is now mostly adcon days, still country at night (see CFHC1-1340). (BH-AB)
- 1460 KWFN CA, Santa Rosa 8/14 relig, at 1145 way over KDON, good ID at 1200 followed by Global Satellite Network. They were so strong, have they done something to their pattern or power? One of my closest unheards finally logged. (Rth-CA)
- KENO NV, Reno 7/15 0950 poor in KTYM null, local QRM. ID "A-M stereo 14-60 Keno," back to Bruce Jenner on the satellite "With the music & fine memories of the 50s, 60s & 70s," ads, more oldies. (5P-CA1)
- 1470 KMFI AZ, Sierra Vista 7/5 0400-0422 this station (not KXOA) turns out to be my unID Transtar nostalgia station. No legal IDs, just an ID 10 or 20 minutes into the hour. I note other Transtar stations have this problem as well. (TRH-CA)
- KXOA CA, Sacramento 8/14 noted at 1208 with transmitter problems. Had "popping" sounds, like they were trying to go to full power but couldn't. KYOS-1480 at same S-meter reading as KXOA (looping KYOS loops KXOA). (Rth-CA)
- KAPS WA, Mt. Vernon 7/23 1430 still on this frequency with country music, not moved to 660 kHz yet. (BH-WA1)
- 1480 KRED CA, Eureka 7/21 0011-0034 fair-good with unID. C&W music, DJ Lynn Davidson with C&W trivia questions, local ads. (TRH-WA1)  
 +7/23 2339 fair sigs halfway between Vancouver & Victoria, with C&W music, male DJ with local ads. ICF, no loop. (TRH-BC2)
- 1490 CFWB BC, Campbell River 7/22 2127 poor with oldies simulcasting CFCP-1440. Live remote reports from "Classic Cruisin' Nite" at local A&W drive-in. Slogan "Coast Radio." (TRH-BC1)
- KEYG WA, Grand Coulee 7/25 0916-1000 poor-fair mixing with several other stations. CHR music, several local ads, subject to deep fades. (TRH-BC3)
- KVAC WA, Forks 7/25 1010-1015 poor, fighting heavy CK001 interference. CBS News & ads. I understand this station is rather rarely heard. (TRH-BC3)
- TIS AB, Banff 7/25 2350 very good sigs. Brand new format: the tape loops are dramatizations of people at the turn of the century being taken on a HORSE & BUGGY TOUR of the park, with a "guide" telling them about all the wildlife. French affiliate on 1230 was synchronized WORD FOR WORD with the English transmission! (TRH-AB)  
 +8/1 2355 this former English TIS for Banff townsite noted with a radio drama about Banff, ending around 2359, "This is Radio Parks Canada," if you missed part of the program it would be repeated in a few minutes, silence; back on by 0005. (BH-AB)
- (TIS) AB, Banff Nat. Park (Castle Junction) 8/2 1240 highway sign said to "tune 1490" but only an open carrier heard. (BH-AB)
- (TIS) BC, Field 7/25 1920 not noted while riding through the area or when I got off the train & walked around with the radio. (TRH-BC)
- (TIS) BC, Revelstoke 7/25 1601 not noted while riding through the area. Off for good? (TRH-BC)
- 1500 (KHTT) CA, San Jose 7/16 0540 totally off. (RW-CA)

- 1510 KTIM CA, San Rafael 7/18 2315-2330 fair-good, noted still using local BBD format (and a GOOD one it is -- much broader than the satellite services) and these calls. No new wave or country music noted. Sad to hear this one will be changing calls/formats again. (TRH-CA1) (See "Of Special Interest"!--NH)
- 1510 KGA WA, Spokane 7/16 0257 poor, under unID (KNSE?). ID "15-10 KGA" and talk, ads, no news. (5P-CA1)
- 1520 (KOMA) OK, Oklahoma City 6/23 0402-0411 noted with OC leaving KTRO & unID Spanish station looping SSE. Returned 0411 halfway through an ID tape. (TRH-CA)
- (KJSM) WA, Sequim 7/23 1940 not noted from nearby Victoria, BC. Only KSGO. (TRH-BC2)
- 1540 ?KNWZ? CA, Aptos-Capitola 8/14 1210 talk show in progress. Must be them, but no ID heard, KFBK-1530 too strong. (RtH-CA)
- 1550 KSVY WA, Opportunity 8/3 2120 local running 1960's oldies, but playing big band & nostalgia music 8/4 0025, left air 0100. 8/4 1301 (that's 10:01am local time) full data s/on live by novice DJ, who couldn't get his first record to play, gave up and played something else (1960's rock again). Someone reported them country; evidently they're playing whatever the DJ wants to play! (BH-WA2)
- 1560 WAGL SC, Lancaster 7/25 0600 very weak o/u XEJPV at apparent s/on, lost to KCAA. ID "Good morning, this is WAGL, Lancaster, South Carolina." Unneeded, looking for WTRQ-NC. (RW-CA)
- 1570 CHUB BC, Nanaimo 7/16 0332 in fair with Vancouver Island weather, mention of Satellite Radio Network. (MB-CA)
- 1580 \*KDAY\* CA, Santa Monica 7/25 0402 with tone. (RW-CA)
- 1610 TIS OR, Crater Lake 7/19 1615 excellent signal for at least 5 mile radius, with park info tape loop about 2 minutes long. Suspect 10 watts. (TRH-OR1)
- (TIS) OR, The Dalles 7/20 2100 no TIS noted here while passing through town. (TRH-OR2)
- TIS WA, Bridgeport 8/8 0253 Chief Joseph Dam TIS unusually good on peaks, but several deep fades, with tape loop with facts about dam. (bp-WA)
- KNHD262 WA, Discovery Bay 7/26 0735 fair with tape loop about the Hood Canal Bridge & Hwy. WA-104. Pretty good catch from Alberta. (TRH-AB)
- KOD762 WA, Mt. Rainier Nat. Park, Nisqually Entrance. 7/21 2206 this is the only active TIS at Mt. Rainier. Female voice with tape loop of very general park info. Note correct calls. (TRH-WA2)
- KNHA519 WA, Naches 7/21 1320 Wenatchee Nat'l Forest. New station noted with fair signals in Yakima, very good through Naches on US 12. Info on highway construction & general tips for campers & motorists in the Wenatchee National Forest. 95% sure of calls-- may be KHA519. (TRH-WA1)
- KHA519 WA, Naches 8/4 1840 is active again. Messages from two agencies. Lady with brief construction advisory from Washington Dept. of Transportation, calls sounded like KHA509. Man with "Welcome to Wenatchee National Forest," fire closures & cautions, about a minute long. Definite KHA519 calls. This TIS got out well in the early 1980's, so watch for it again. (BH-WA1)
- KOP773 WA, Olympic National Park 7/23 1900 surprised to hear this one on the car rx 35 km north of Victoria. Fair midday signal with female voice tape loop detailing today's events. (TRH-BC2)
- +7/26 0740 also noted from Alberta this morning with similar programming. (TRH-AB)
- +A semi-regular now comes in up to noon and even 2am...The TIS is somewhere in Olympic Nat. Park. Loop tape gives a phone number 452-4501 extension 230. Also mentions Hurricane Ridge Road. (JO-BC)
- (KNHE983) WA, Yakima 7/21 1220 not noted all morning. Doubt this station exists. (TRH-WA1)

UNIDs:

- 540 7/12 2400 coming in very poor, looping east. Heard man announce time as 4:30. After the time was given the station faded out. Anybody know what this could be? (CM-CA)
- 730 7/18 0734 very good in CKLG null with relig. program "The Biola Hour." Looped ESE. Suspect KDAZ. (RW-CA)
- 910 8/8 0340 Larry King looping east. No ID heard 0400 due to QRM. KELG? (bp-WA) (There's also KALL, which is semi-regular here.--NH)

- 930 8/11 0215 Spanish o/u KSEI looping east. KZTA now full time? (bp-WA)  
 950 8/15 0200 coming in very poor under KAHL. XEGM off the air. Looped  
 northeast. Heard them mention weather for Canada, then lost them for  
 good. Don't know what this could be. (GM-CA)  
 970 8/1 0513 in mess with "Best of King." Haven't noted anyone with King  
 on this freq. before. KNUU? (RW-CA) (They're on the list.--NH)  
 1150 7/25 0616 with MCRN good looping ESE. Suspect KCKY or KPLS. Either of  
 these on the network? (RW-CA) (Not as of April.--NH)  
 1160 6/3 2400 coming in really poor. Heard under KSL with what sounded  
 like country music. Looped east. Ideas? (CM-CA)  
 1250 7/18 2219 poor, KTMS & Mexican QRM. Airing adcon, before fading out  
 underneath QRM. (5P-CA1)  
 1280 8/1 0350 unID Spanish fading up under KFRN-KKAL. Good SW conditions  
 this morning. Mexican? (RW-CA)  
 1590 8/14 1225 heard Spanish under KLIV. Is this KIIQ Sun Valley, NV, or  
 Mexico? (RtH-CA)

This time a welcome goes out to Mike Brooker who vacationed in WDKR-land and sent in a report! Quite a bit of vacation DX this time, in fact. As you may have seen, Bill & I followed Tim all through BC, Alberta, and Washington. We never did meet anywhere, Tim was always a night or two ahead of us at any given place. About the closest we came was in Sicamous, BC, where Tim passed through about 4 hours before we did! We had a great time on our vacation and hope everyone did on theirs too. ♡

## HELP IRCA GROW

We all want to see our club grow, and one way to make it happen is to provide an incentive for finding new members. So between now and September 1, 1989, the IRCA will give a year's free membership to any member who is responsible for bringing in four or more new members.

The new members can be persons you talk into joining IRCA or people to whom you give a gift membership. Or you can also send us a list of people you know (or know of) who are interested in BCB DXing. We'll send them a sample DX Monitor and other information on the club; if they join you'll get credit. One good source of names is to look through the reception report file at 50kw clear channel stations - a surprisingly high percentage don't belong to any DX clubs!

If a person joins as a trial member or something less than a full year, it counts as half a new member. If someone joins at your persuasion, be sure to let us know, so we can give you credit. The new member must be someone who hasn't been in the IRCA for at least a year.

Here's your chance to help us become the fastest growing DX club around, and to help others find out about the benefits of IRCA membership.

### RESULTS OF THE 1988 IRCA ELECTIONS

#### TED VASILOPOULOS AWARD

*Richard C. Evans	13	*Karl Zuk	13
Timothy Hall	10	James (Jim) Hall	7
J.P. Stephens	2	Niel Wolfish	1

Congratulations to the winners. As winners of the TVA Richard C. Evans and Karl Zuk each get a plaque and a year's free membership in IRCA.





# WORLDWIDE EAST

EDITOR: JIM HALL ■ 240 BYRON ROAD ■ PITTSBURGH, PENNSYLVANIA 15237-4015 U.S.A.

■ Only a couple reports this time around. Good to hear from Ray again, and welcome back to Rich who is back in the US from the UK. Am looking forward to hearing from both of you as well as other easterners this season. If you have never reported to DXW-E just follow the format you see here in the column. The next deadline for DXW-E will be Tuesday, Sept. 13th - hope to see the reports increasing as the new DX season gets underway. Ray Moore has been especially enthusiastic about DXing the TP's and hopes others (as well as he) will be listening for them come September. I'll surely be hunting for them this season as much as possible, and hope others can do so as well. Times and dates are UTC/GMT:

## TRANS-ATLANTIC DX

- 1467 MONACO, Monte Carlo 0326 7/4 : Fr w/IS. Only TA noted this AM. (Eckman-VA)
- 1554 unID/t GABON, Melene 0505 8/24 : Carrier almost strong enough at one point for audio - been after Gabon for a long time. Faded quickly by 0525 recheck. (Hall)
- 1574.9 unID, 0434 8/14 : Possibly Spain w/mx seemingly not // 1584. Carriers also noted on 1548, 1562, and 1602 this AM. (Eckman-VA) (Probably a wayward Spaniard.ed)
- 1575 PORTUGAL, Porto Canidelo 0527 8/24 : PP talk by 2 men, 1 woman. Occ fairly strong o/slop on 875' mini-bev. and/or terminated 400' lw. (Hall-PIT)
- 1584 SPAIN, unID location 0433 8/14 : Quite good w/man in SS & some mx. (Eckman-VA) +graveyarder 0511 8/24 : Good w/man in SS, not //1602. (Hall-PIT)
- 1593 WEST GERMANY, Langenberg 0307 8/10 : Assumed w/gd carrier - no audio discernable. (Eckman-VA) (Almost no doubt WDR here. ed)
- 1602 SPAIN, synchrons. 0516 8/24 : Fr w/SS man, het from unID about 100Hz high. (Hall)

## PAN-AMERICANA DX

- 661.0 CUBA, Santa Clara 0459 8/23 : From 660 nom. Typical R. Progreso fmt of m & f ancrs in SS and Cuban rumba-type vocals. Brief rx @0458 fol/by ID & bell toll on hour. Back on 660.0 next eve; likely was intentionally on 661 the previous night, loud at times & severely hetting 660 (WNBC) by 1kHz. (Hall-PIT)
- 1160 CUBA, La Julia (La Habana) 0058 8/24 : Bilingual ID's by m & w, SSLA vocals. 0058 w in EE "Welcome to Cuba, our Caribbean island in the sun...." fol/by m in EE "Radio Taino, tour radio in Havana, yours for the listening....". Could not find the 830 (new per Willie's observation last issue) or the 1040. Fr in mess. (Hall)
- 1505 ANGUILLA, The Valley 0536 8/24 : Big carrier, somewhat fadey. Presume OC on overnight til 0930 s/on. (Hall-PIT)
- (1555) CAYMAN ISLANDS, George Town/Gun Bluff : In prevailing cx which had the // on 1205 in with some audio the 1555 hasn't been heard at all (usually better than 1205), not even the signal carrier. Is this just cx, or are there rig problems here, or did this finally drop to 1550 as rumored awhile back in DXW11? (Hall-PIT)
- 1564.8 DOMINICAN REPUBLIC, Santo Domingo 0108 8/24 : HIAJ fr w/occ slop, faint TA-1566 het in notch. M w/SS rlg. Still here from 1574.8, & nom. 1570. (Hall-PIT)

## VERIFICATIONS:

- 1629 AUSTRALIA, 3RPH, R. For The Print Handicapped. QSL card for 10/14/87 reception, v/s David Ditchfield, "QSL Mgr." Extensive correspondence w/2RPH, 3RPH and Aussie DXers determined stn to be 3RPH rather than tentative 2RPH assumed from Sydney area address. Also rec'd phone call from Marjorie Lane, Volunteer Co-ordinator at 3RPH, while she was in Boston. She said they were thrilled w/rpt and all details (tel. #'s, address, names) were correct. (Moore-MA) (Congratulations again, Ray! ed)

## CREDITS:

- (Eckman-VA) Richard Eckman, 8207 Auburn Lane, Hampton, Virginia 23666 (Japan Radio NRD-525, very short wire)
- (Moore-MA) Raymond S. Moore, 116 Walnut Street, Walpole, Massachusetts 02081 (verification)
- (Hall-PIT) Jim Hall, 240 Byron Road, Pittsburgh, Pennsylvania 15237 (ICOM 771A, R-600, Bev's, mini-bev's, lw's, loops, et al.)

# DX Worldwide - West



PAT MARTIN

P.O. BOX 843

SEASIDE, OR 97138

First off sorry I missed last month. I was right in the middle of moving and forgot about the deadline. Not much to report, so this month I have a better turnout anyway. I didn't move far. Infact I just bought a new mobile home and it is in the same location as before. I am having trouble getting my terminated longwire to work right though (The DU wire). The 1500' East Beverage still works great. I had to run the two wires an extra 50 feet as my DX room is in a different part of the house. Anyway on with reports. Oh yes, I hope I have all of the reports from Mike Riordan, as some were sent at about the time I was moving. If I missed some, Mike please send them in again.

## PAN-AMERICAN DX ROUNDUP

- 830 CUBA, La Julia-7/26 0430 strong to good // to 1160 totally destroyed WCCO IDs as "This is Tainos Tuesdays presentation on Treasure Island coming to you in English at One thousand, one hundred and sixty on your AM dial and the music continues on Havanas number one and only vacation station. At 0509 caught SS same woman announcer about Taino and Habana then into LA style songs. The signals were unreal as KSL was no where to be heard and the R-70 S-Meter read S9 plus 7 DB. On 830 you could hear a little bit of WCCO when nulling Taino because they were only S 7 or 8 on the meter. No mention of the 830 freq. given. (SA-MB) (Thx for the tip on this. Maybe we can get this in the West. PM)
- 890 MEXICO, Fresnillo-XEYQ 7/22 0450 poor man ancr in SS several Y-Q IDs given in WLS null no sign of KVOZ. (SA-MB)
- 1010 MEXICO, Guadalajara -7/2 at 1009 fair mx of fast paced and slow ballad type IDs as "La Ponderosa H-L. (SA-MB)
- 1020 UNID, 7/11 1020 poor XE??but didn't sound like XEWS or do they have a new call? (SA-MB)
- 1160 CUBA, La Julia-Radio Taino 7/26 0430 strong, woman ancr doing lite US rr and oldies no KSL at all. (SA-MB)
- 1580 MEXICO, Hermosillo-XEDM 0820 7/4 still w/ranchera mx "La Grande" SID fair-good in KJET splat. (BP-WA)

## TRANS-PACIFIC DX ROUNDUP

- 531 AUSTRALIA, West Kempsey-2MC 1105 7/1 "Stereo 2MC" ID after nx. Fair steady signal. Absolutely huge signal by 1239 w/ads and extended ID jingle. DU reception was generally only fair this AM, but this one was way above the rest. (NHP-BC2)
- 693 JAPAN, Tokyo-JOAB 1030 6/19 JJ talk by woman, poor to fair. Earliest and probably the best TP this AM. (NHP-BC1)
- 702 JAPAN, Hiroshima/Kitami JOFB/JOKD 1114 6/19. Fair w/woman and man in JJ //693 (NHP-BC1)
- 738 UNID, het on KCBS 0748 8/8, Tahiti I presume. (BP-WA)
- 747 UNID, lots of KCBS splash 1240-1300 8/8. (MR-CA)
- 818 UNID het splash from XEAA 1240-1300 8/8. (MR-CA)
- 828 JAPAN, Osaka-JOBB 1146 6/19 Fair w/man in JJ All other TPs faded down by now, and some DUs started to appear. (NHP-BC1)
- UNID, het splash from mexican on 830 from 1240-1300 8/8. (MR-CA)
- UNID, on 8/1 at 1230 het, Japan? (Probably-PM) (MR-CA)
- 891 JAPAN, Sendai JOHK 1126 6/19 man in JJ //6005 poor (NHP-BC1)
- 1008 U.S.S.R., Magadan 1054 6/19 fair to good w/inst. mx //4485. Somebody faintly joining behind which became dominant by 1126 man in JJ likely JONR. (NHP-BC1)
- 1026 JAPAN, NHK-1 synchros 1128 6/19 nil to fair w/women talking in JJ //76005 lots of splatter. These are listed as 23 100 watt stations amazing for midsummer. (NHP-BC1) (Great catch, Nick.PM)
- 1053 SOUTH KOREA, jammer 1129 6/19 fair w/usual whoosing sounds with no sign of jammed North Korea underneath. (NHP-BC1)
- 1116 UNID JAPAN, 1131 6/19 JJ talk poor to fair by man. Occ peaks to good strength. JOAF and JODR listed. (NHP-BC1) (Nick, both have been hrd here. Good catch for midsummer. PM)

1143 UNID, 1133 6/19 sounded like KK talk by man poor to fair. (NHP-BC1)  
 1287 t JAPAN, Sapporo-JOHR 1103 6/19 poor to fair w/JJ talk by man (NHP-BC1)  
 1215 NEW ZEALAND, Kaikohe 1ZE 1149 7/1 light pops //1008 poor (NHP-BC2)  
 1503 JAPAN, AkiTa-JOUK 1119 6/19. Fair to good w/two men in JJ //531  
 1521 +++TAIWAN, my unid here 3/24 was definitely this. (NHP-BC1)  
 Charlie Taylor listened to the tape and hrd a def. "Jie Fang  
 guqngbo kong su, li guang ko wang" ID (Liberation BC corporation  
 1st Network). He also said audio sounded typical of CBS Taiwan  
 stations (Audio a few hzs off freq. (BP-WA) (Great catch Bruce.PM)  
 1558 UNID.het splash from KPMC 8/8 from 1240-1300. (MR-CA)  
 1566 t SOUTH KOREA, 1240-1300 on 8/8 man and woman. (MR-CA)

THANKS TO THESE REPORTERS:

SA-MB SHAWN AXELROD-30 Becontree Bay-Winnipeg, MB R2N 2X9 (CANADA)  
 R-70 w/3 Foot box loop,75' and 175' wires.  
 NHP-BC NICK HALL-PATCH-1538 Amphion Street-Victoria, B.C. V8R 4Z6 (CANADA)  
 NHP-BC1 DXing at Jordan River, B.C. using homebrew rx, ICF-2010 and 2000  
 foot beverage at 315 degrees.  
 NHP-BC2 DXing at Sombrio Beach using homebrew rx, ICF-2010 and 1000 foot  
 Beverage at 270 degrees.  
 BP-WA BRUCE PORTZER-6546 19th Avenue, N.E.-Seattle, Wa. 98115  
 Racal RA-17, Radio West Loop  
 MR-CA MIKE RIORDAN-Post Office Box 1195-Goleta, Ca. 93116  
 Sony CRF-1 Radio West Loop, Panasonic RF-B300.

**KSKO GOES UP TO 10,000 WATTS**

(870 KHz, McGrath, Alaska)

from the KSKO newsletter  
 via Rod O'Conner

Shortly after noon on Sunday July 31, KSKO brought its new transmitter up to full power and began broadcasting at 10,000 watts of power. The increase in power marked the end of a project that KSKO has been involved with since 1985.

For over two and a half years KSKO has been seeking the money, designing the facility, purchasing the equipment, and constructing the buildings for a home for the new transmitter. It is finally complete. KSKO now has a new tower (250 feet), two new generators for power supply and a state of the art, solid state 10 kilowatt transmitter. When everything is included the new facility has over a quarter million dollars in equipment and labor.

The project was originally conceived when the Federal Communications Commission granted KSKO, and several other rural radio stations, status as a Class 1-N station. That meant they would protect our signal from any other interference. They wanted to ensure that rural listeners that would be able to hear us. But, they said we had to go up from 5,000 watts to 10,000 watts within five years. So KSKO applied for and received a grant from the Federal Government that would allow us to buy and build the facility necessary.

The project did have its problems. One of them was when KSKO's transmitter building burned to the ground. Beside knocking us off the air for several weeks, that fire also consumed energy and money. The bright side of that fire was that we used the insurance money to buy new generators for the new transmitter. The other major problem was a delay in the delivery of the new transmitter. This project could have, should have been completed almost a year ago. Well it's finished and we are now sending out a better, stronger, clearer signal than ever before.

So what does that mean to you. Well hopefully you can hear us easier, clearer. If you live in McGrath, the difference should be minimal. The sound is better though. Outside of McGrath, the difference should be noticeable. We are not sure yet if a lot more people can pick up KSKO, we hope so. We do know that if you could hear us before, you can hear us better now.

We need your help. Please let us know how we sound. Can you pick us up easier? Is the sound clearer? When you call to send a bush message, tell us if there is a difference. Radio is two way in a lot of respects. KSKO has always depended on the listeners. We need your observations now.

# DX WORLDWIDE II

Paul Swearingen  
3132 SE Irvingham St.  
Topeka, KS 66605-2948



There's not much new activity around the world since the previous DXWWII column in February, at least not until the last two months or so. But here's the latest ...

## Trans - Pacific

**Australia** - 24-hour operation began from all Radio National stns on Jan. 24. The Radio Australia relay commences at 1300 UTC on Mon. mornings and at 1400 UTC Tue. to Sun. Stns carrying R. Australia relays are 2FC-576, 7ZL-585, 3AR-621, 5CL-729, 3WA-756, 4QG-792, 6WN-810, 2CY-846, 3AB-990, 2GU-1098, 2NA-1512. (ARDXC via FERC)

GMM, Mandura new since March 18, 1988 on 1116 kHz, using C-QUAM, 2 kW, non-directional. (Sam Dellit in DXA and Wesley Beck in ARDXC) New station on 1440 relaying 2ST in Nowra, NSW. (Arthur Cushen, via SCDX via ARC)

**Burma** - 576 since January BBS has been here // with 954 kHz (MWC)

**China, PR** - Nangong PBS heard on 1580 mid-Jan. Nominal freq. seems to be 1584. (T. Gima, ABI via FERC) 1269 R. Beijing site is probably Lhasa, has FS in Napalese 1500-1600 and in Hindi 1600-1700. (NDXC via OA via ARC) Anyang PBS hrd on 1040; Xiamen PBS hrd on 1110; Luohe PBS (Henan prov.) hrd on 1257, nominal freq 1251; and Putian PBS (Fujian prov.) hrd on 1438@. (T. Gima in ABI via FERC)

**India** - AIR Agra should now be on 1530 (Agrawal in SCDX via ARC) New 200 kW tx from Al-Hassake hrd on 918 and 1125. (FERC)

**Indonesia** - "An unidentified station, possibly in Eastern Bali, was noted on 1422. Carried news relay from Denpasar at 2310. Radio Aneka Rama Ria listed on 1406 in WRTH88 is still on 612 as per WRTH87. Radio Gema Merdeka, Denpasar, is operating on 648, not 639. An unidentified station was noted on 918. It is believed to be located in Eastern Bali or Lombok." (Gordon Darling, ARDXC)

**Japan** - Local programs and segments of NHK-1 and NHK-2 are as follows:

NHK-1:	2000	Sun-Fri	Local ID	
				with call sign
	2212-2215	Sun-Fri	News	
	2356-2358	Mon-Sat	Weather	
	0056-0100	Mon-Sat	Info and weather	
	0255-0300	Mon-Sat	Info and weather	
	0300		Local ID	
	0812-1315	Mon-Sat	Info and weather	
	0400		Local ID	
	0456-0500		Info and weather	
	0557-0600		News and weather	
	0656-0700		Info and weather	
	0757-0800		News and weather	
	0856-0900		Weather	

0950-1000

Info and weather,  
local ID

1017-1020

News

1500

Local ID

NHK-2: Local ID only at 2030, 2300, 0030, 0720, 1320, 1550 (Olle Alm in ARC)

**Korea, N.** - R. Pyongyang-622.7, ex-783 kHz, heard in JJ. ((Masao Oikawa in FERC)

**Malaysia** - "Acc. to WRTH 1988, 'MW stn. of R. Malaysia in the part of Peninsular are being taken out of service and replaced FM-tr's by 31th August, 1988' and Kuala Lumpur, Malacca, Ipoh, & Kota Bharu have been already listed on FM only. But I noted Malacca-Malay px on 1005 kHz in Samui Island in early January, and also Mr. Ishii hrd Kuala Lumpur on 882 kHz with Malacca-FM on 97.4, 93.6, 100.4 mHz at the same period in Singapore. Therefore R. Malaysia has not given up MW broadcasting yet and may intend to use both MW and FM for awhile. (H. Fujita in FERC)

**New Zealand** - R. Rhema granted full-time for Hamilton, presumably on 855 kHz. 2XY-1344 Pararamu now on 24 hrs with 2 kW. (Arthur Cushen, DXA and SCDX) 1XW-954 R. Waikato may leave the air, to be replaced by a talk station run by Auckland's Radio Pacific. (Bryan Clark, NZRDXL) 1XP-1593 R. Pacific has applied to change freq to 702. (NZRDXL)

**Philippines** - DWBB-1134, 10 kW, metro Manila, ex-DZAF, Ministry of National Defense stn. DWBL-1242 now inactive. DWYH-1314, 10 kW, metro Manila, ex. DWXI, Delta Broadcasting System DYXX-1232.7, Iloilo, ex-DYOO, GMA stn. DWKW-1386 now inactive. (Y. Ichikawa, FERC) DYMR-576 Mandaue, 50 kW, ex-DYIM; DZAM-1026-Quezon City, Nation BC ex-DWXX, Hypersonic BC; DXCO-1053, ex-1044; DWLR-1494 MM, Universal Broadcasting System, ex-DWCJ. (O. Mihara in PDF via FERC via DXC)

**Taiwan** - Taipei-2 now on 1188, ex-1190. BCC Tainan-890, ex-891. Tien Sjhcn BC-1071, ex-1070; Sheng Li Chih Sheng BC-2-1188, ex-1190; Ching Cha BS, Hsingying 1314, ex-1310. (T. Gima, ABI, via FERC) The BCC now operates in AM stereo from its operation in Taipei. This year Taichung and Kaohsiung will also begin operations in stereo. (ABI via SCDX via ARC)

**Thailand** - 914 R. Broadcasting Station of the National Security Command (Sathani Withayu Wor Sor 914 Kor Ror Por Klan) is also broadcasting on 1179 with 10 kW in 9 hill tribe languages, such as Hmong, A-Kha, Lesu, etc. (Olle Alm in ARC)

**Tonga** - "With reference to a new gospel station for Tonga proposed on 738 kHz, R. Rhema were advised of the possible interference from Tahiti on the same channel at night, and an

official visited me to discuss frequencies. My suggestion was that they should use 729 kHz." (Arthur Cushen in DXA)

## Trans - Atlantic

**Albania** - A new 10 kW station has been monitored on 693 by Jurbise, probably located in Pogradec (EBU via BE via ARC)

**Algeria** - RTA Ain-el-Hamam now on 693, ex-697 (EBU via SDXL via ARC)

**Belgium** - BRT-927 is now on full power at 300 kW, following installation of a guy-wire system which was supposed to give better protection in case of lightning strokes but also increased high-angle radiation and decreased field strength in the service area, necessitating a power increase. (AvE in ARC)

**Bophuthatswana** - R. Pulpit (R. 540) tx has been taken over by Radio Bop (1078). The two frequencies now // 24 hrs. (Vashek Korinek)

**Bulgaria** - New station on 764 since Nov. '87. (EBU via BE via ARC)

**Cyprus** - Limassol-1584 now off. (EBU via BE via ARC) CBC Paphos-558, ex-918. (SCDX via BE via ARC)

**Czechoslovakia** - Nitra-1098, 1500 kW should be on the air with Bratislava px. (ARC via FERC) A new tx in Brno on 603 is relaying Praha. (Green Wave in ARC) Liberec-980 is ex-1583. (P01 via RW via SDXL via ARC)

**Egypt** - Qena now reported on 1179, 10 kW (EBU via BE via ARC)

**Finland** - YLE-540 Oulu now definitely gone. (Olle Alm in ARC) Active Finnish stations on LW and MW are Lahti-254, 200 kW; Espoo-558 (near Helsinki) 100 kW; Preiviik-963 (near Pori), 600 kW; Vaasa-1242 (25 kW); Turku-1278, 4 kW; and Espoo-1404, 2 kW. (SDXL via ARC)

**Germany, DDR** - Hof-Saale-980 now off. (EBU via BE via ARC)

**Greece** - Private broadcasting is now legal in Greece (Kurier via SDXL via ARC)

**Ireland** - Regional R-657 Breffni ex-1170. Energy 103 off 738, which was taken over by Q102 // 819 kHz. KITS FM Co. Monaghan new on 837. Hits 954 off. 1071 from Longford is closing down. NWCN-1170 new, ex-1008, but N. Dublin C R-1008 still active, despite KISS-FM on 1008.

WABC Co. Donegal-1242 on since April. Kandy R-1385, Ballinasle shut down. District R-1404 Galway also off due to lack of funds. Kildare C. R.-1413 may be operating only on Sundays, was fulltime. Coast 103 (Co. Galway) now full-time. (Anoraks-UK via MWC)

**Lebanon** - A new tx has been monitored on 963 by Tel Aviv. (EBU via BE via ARC)

**Malta** - The 600 kW tx at Cyclops on 1557 is off the air for an indefinite period because of power supply problems. (Buttcher in SCDX via ARC)

**Mozambique** - Emissor Interprovincial is currently on 1007.7 kHz, // to 1150.3, which is weaker bud does not seem to be a spur. (Vashek Korinek)

**South Africa** - R. Thohoyandou, Venda, now 24 hrs on 1035 with 100 kW. (RNMN via SDXL)

**Spain** - RNE-1 is reported on 801. (EBU via BE via ARC) R. Vitoria no longer on 702, using only 1602 with 10 kW. 702 may be used by R.

Euzkadi which currently is only on FM. RCE Gijon, now only FM, plans to use 1198. SER Extremadura-1260 new. RCE-1575 Cordoba new. (PDX via MWC)

**United Kingdom** - "The biggest shakeup in the history of radio, announced by Douglas Hurd in the Commons on January 19, opens a potential goldmine for new franchise-holders. After 14 years of barely getting by, commercial stations made GPP 100 million last year. But even greater profits are on the horizon. In brief, the proposals will mean:

-Three new national channels, all financed by advertising, which will be on the air by 1990 and provide the first ever challenge to the BBC Radio 1, 2, 3, and 4.

-Creating a new authority to impose a light regulation on commercial radio in place of the current bosses, the IBA.

-Giving community organisations the opportunity to broadcast, thereby 'enhancing the range of programming and the diversity of consumer choice'.

Of the three proposed national stations, one will go out on a spare VHF wavelength and the other two on wavelengths which the BBC will surrender, almost certainly Radio 1 and Radio 3 mediumwave. The BBC will transfer both R 1 and R 3 to VHF, which now can be picked up by 91% of British households. ("Today" of UK via BD via ARC)

Merseyside Free Radio-1611 noted with test tx with 45 w. (PJ in BDXC)

**USSR** - A new Mayak tx noted on 1368 mornings/evenings, seeming to be located in NE European RSFSR. (Olle Alm in ARC) Unlisted stations noted include Surgut-594 with M-2 from 2345-2300, Berezovo-1197 in the Chanty-Mansijskij AO with M-1 from 2345-2000, Sverdlovsk-1377 with ME, operating from 0200-1900, and Salechard-1503 with M-2 from 0045-2000. (BT in ARC) A new station has been heard on 1080, from Turkmenia, with the first republican progr. (Olle Alm in ARC)

## Pan American

**Aruba** - R. Victoria-960 has used call P4A-6 since national independence. Also reported non-ID as R. Nueve Sesenta during SS programs. (MWC via ARC)

**Brazil** - ZYJ202-650 R. Cult de Cambará ex-1530; ZYI901-710, R. Alvorada do Sertão, ex-1460 with 50.25 kW; ZYI681-950, R. Jornal, ex-1460; ZYK656-1150, R. Tupi, now with 100/50 kW; ZYK612-1420, R. Cl de Mirandópolis, ex-590. (CRM in ARC) ZYI913-1470, R. Ingazeira, now on the air. (UKVK via ARC)

**Chile** - CC103-1030, R. Nacional de Chile, Concepción, inactive since its antenna was destroyed in a forest fire. (ADXL via ARC)

**Colombia** - HJFX-1480 La Voz de las Estrellas, ex-1470. (HK in ARC)

**Dominican Republic** - HIBD-1545, La Voz de la Romana, La Romana, ex-1540. HIAJ-1565, R. Amanecer, Santo Domingo, ex-1570. (ARC)

**Ecuador** - HCGF1-1330, R. Sideral, ex-1335. (LAB in ARC)

**Falkland Is.** - FIBS/BFBS-550 was due on the air 24 hrs in April with 10 kW from Bush Rincon. (Steve Whitt, MWC)

**Guatemala** - TGX-850, R. Ranchera, Gua-

temala, ex-R. Ciros. TGC-1120, R. Poderosa, and TGCQ-1270, R. Exclusiva, both off since March. (WRTH via ARC)

**Haiti** - 4V.-1560 La Voix du Sud seems to be a new station possibly in Aux Cayes. (MWC via ARC)

**Martinique** - R. Caraibes Int-1090 has been the subject of many arguments since it is still omitted from WRTH. Andreas Schmid (via PDX) says that it is on with programmes 24 hrs in FF, except at 2330-0100 when English is heard. Power is 10 kW. Address: Croix de Bellevue, BP1111, Fort-de-France, Martinique. (MWC)

**México** - The correct address for XEG-1050 is Apartado Postal 118 - 64000 Monterrey - Nuevo León. (Olle Alm in ARC via ARDXC)

**Panamá** - R. Chiriquy-780 has been allowed to reopen by the government, but no news broadcasts are permitted. R. Mundial-810 was destroyed in Feb. by police. (SCDX via MWC) R. Metropole-1410 reported as new by NRC member. (NRC via ARC)

**Perú** - OAX8A-720, R. Nacional del Perú, Iquitos, ex-1120, now on the air again. (ADXL via ARC) OBX9C-1200, Estacion C. Jirón Coronel Secada 160, Moyobamba, new with 1 kW. (WRTH LANL via ARC) OCX2H-1220 R. Wuirara, ex-Radiodif Comercial Sonora now on. (PFA via ARC) OBX9B-1460, Frecuencia Popular, new from Rioja. OAX2V-1470, R. Nueva Imagen, Cajamarca, active again with 2 kW after 5 months of silence. Announces 1500. (JCL

in ADXL via ARC)

According to the Lima newspaper *El Nacional*, the Ministerio de Transportes announced that in the region of Piura 22 stations were operating without licences. The stations would be closed down immediately. Many of these stations had provisional licences issued by non-authorized persons and with false information. (ADXL via ARC)

**Uruguay** - According to a letter from CX46-1450, it is now called Emisora Progreso, but it carries a program called "America en la noche." New Hungarian equipment has tripled its power. This station is affiliated with CX40 (R. Fénix), and the address given for both is Arenal Grande 2576, Montevideo. (Vashek Korinek)

**Venezuela** - R. Sensación-1050 Caracas ex-830. (DXA via WRTH LA-NL via DXA [figure THAT one out, hit!])

## International

**Voice of Peace** - 1539 back with 75 kW. (EBU via Kurier via SDXL via ARC)

**R. Caroline** - 558 currently 24 hrs except 0100-0500 Mon. A new 27 m fibreglass mast for 819 kHz was expected to be installed, allowing R. Monique to return to the air. (ARC)

**Laser** - apparently off the air for good, as its ship, *MV Communicator*, was to be scrapped after its anchors were lost in heavy seas and American backers withdrew money. (UK newspapers via ARC)

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# DARE TO DREAM

...or how to put a "Medfer" on the air...by Karl Zuk

The FCC, many, many moons ago, wrote some regulations under the title of "Part 15" Among other things, this allows small AM radio stations to be put on the air provided that the input power to the final stage does not exceed 100 milliwatts, a big 1/10 of a watt, and the antenna is a single element, permanently mounted to the transmitter, not exceeding 10 feet. You are on your own from there.

Part 15 is put to a lot of use in the long wave spectrum. Here, you are allowed 1 watt and a much bigger antenna. These stations have been heard a thousand miles away and more. I thought I would give the AM band a shot, and dare to dream.

Although you wouldn't think about it normally, the end of your driveway could be a DX frontier. I put together a simple transmitter out of junk parts and 3 2n1815 transistors. I measured the power to be about 68 milliwatts at the antenna, so I was within FCC specification. I attached my 10 feet of wire and added some modulation from a over-compressed local radio station and set out with my GE Superadio to see just what a dent I was making in the New York Metro radio market. Surprisingly enough, it actually went several hundred feet to the end of my driveway and faded away. This was not going to make it, so I began to experiment.

My limitations were antenna length and power. Reading the rules carefully, no mention was made about ground systems and loading coils, so I tried my best. I found a scrap of white PVC pipe, ( I understand that colored PVC pipe is conductive and will really foul things up,) and wrapped about 40 feet of #22 stranded wire around its 1/2 inch width. I wrapped the wire tight enough to hold the wrap, but loose enough so that I could get a long nose plier into the wrap to the coil to pull out parts to make taps in the coil. A foot of

coil is all you need. When you are loading a transmitter into ten feet of wire, you are really loading into nothing, especially when you are dealing with a wavelength of around 1500 feet. This was not going to be easy.

At the frequency I was using, 530 kHz, my only competition was a TIS station at New Jersey's Newark International Airport, that was 50 miles away, but could be heard weakly almost everywhere, and a low powered station from Ontario that only bothered me at night. It was basically a clear channel. I constructed a ground system consisting of my village's cold water pipe system, and a bunch of long wires stretched out and buried on my property. I put the transmitter in a box, along with the coil and mounted a ten foot piece of copper pipe to the top of it. A ground wire was also attached, and I searched for resonance using an old field strength meter left over from the days of CB radio, way back then. After pulling out about half a dozen taps I found the best spot. You use a miniature alligator clip and bare the coil in the center, one turn only. Then you experiment: what transmits better? A tap higher or lower on the coil. Sooner or later you'll see a nice tight rise in the radiation from your antenna, and you've got your spot. Remember the driveway? Well we made it very well this time. The transmitter box should be free and clear from all trees and obstructions like houses. I fed the audio through a piece of two conductor with shield audio cable feeding back to my basement workroom. More heavily compressed audio from the local rocker, and away we went. Well, now it wasn't bad. I was basically transmitting through earth and worms instead of through the air. These low frequencies just love groundwave. For fun, I got into my car and drove around, losing it quickly in every direction, but my range had been doubled easily.

Miracles do happen..probably due to groundwave via long lengths of water pipe. I was about 5 miles from my house and I parked at the side of a large reservoir. I turned off the engine, and ever so faintly I heard the sound of my "station." Wow. It also became quite obvious that the moisture in the ground at the transmission and reception point was very important. Transmit moist and receive moist for DX! I also noticed that when it rained the point on my loading coil where I achieved resonance with my radiating system changed dramatically after a big rain. And the reception improved from The TIS in Newark, NJ, too.

I experimented further. I gave up on the vertical element totally and went to using the water pipe system as the "positive side" of my system, and the barely buried wires in my lawn as the "negative side" of the radiating system. I don't know if this is up to FCC spec. or not, but noone could call something buried in the ground an antenna...could they? Well, the more metal you put out there the less loading coil you need. The tap was much lower to the bottom of the coil for resonance now, and it got out! It became almost a system to measure soil moisture. Wherever it was wet, within about a mile of my house, I could hear my signal just barely. Noise became the big enemy. A computer or a noisy power line and your chances of hearing your flea power signal disappear.

And does this system make one lousy receiving antenna! All the loading coil in the world could not save this system from my communications receiver looking for a fairly high Z (comparatively) antenna. Also, don't use a feedline! I tried using a 50 ohm piece of coax to connect the transmitter to a remote antenna, and the signal was effectively coupled to ground and out of existence. So far it has been quite an experience and adventure in the land of almost DC QRP. I'll have to study up on groundwave and transmitting through the earth. I would appreciate all comments and suggestions, and experiences: Karl J. Zuk, 154 Old Post Road North, Croton-on-Hudson, NY 10520

# EASTERN DX FORUM

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DEADLINES: 8/20 9/10 9/24 10/8, then weekly

Carl J. Zuk, 154 Old Post Road North, Croton-on-Hudson, New York 10520

Think of the music that is on your father's eight-tracks that are now collecting dust by the side of the stereo. 101 Strings, Perry Como, Great Masterpieces, Music for your new Oldsmobile (circa 1971). Well, when the eight-track player breathes its last, you can put on my local WLIR on 1300 in Spring Valley, New York. This used to be WGRC, and has been silent, or off-speed new wave rock on and off for ages. It now sounds like they are making a comeback, because they are on the air sunrise to sunset, now with the best in "Original Hits". The club seems to be holding its own. I have been working on trying to get those small ads to keep the dues down, and have been looking at all our reciprocal agreements with other clubs to exchange bulletins and services. Topics that will appear with the new season will be a proposition to raise dues to Canadian and International members, and to raise the cost of Goodie Factory reprints. This will help compensate for the recent postage increase. As I sit here in the middle of August, I'm glad to welcome Ray Bauernhuber as EDXR editor, and have gotten a bid from Floyd Perry, Jr. for Goodie Factory Manager. I am very pleased that our membership is really concerned with our club. Seven years ago, when I joined IRCA, I chose our club over the other one because it seemed more fraternal, well-balanced and friendly. I see this is still true, and I am very proud of IRCA. Although the mail I get contains suggestions that are both positive and negative, they are all very concerned. Our club aims to serve you, and you can help by writing me or Board members your comments and suggestions, and sending in your thoughts, loggings and projects to the various columns. Without you there is really no club. A quickie review: I recently tried a Realistic "Flavoradio" which lists for about \$7. It only has two IF stages, and has 6 transistors, but does a reasonable job. This is certainly no DX machine, but I managed to hear the big three of NYC: WNBC, WABC, WCBS every night that I was vacationing in Michigan's "Thumb" region. It could split an equally strong WLS from WCBS without any problem, and had a very low battery drain. With the volume all the way down, and using a pair of "Walkman" headphones, it acted like a very selective crystal set by staying operational for over five days on a single 9 volt battery. OK, it's no R390, but it weighs no more than a R390 knob! If it falls into the drink, off the side of the boat, you haven't lost much. It also was very broad in selectivity, and sounds great when it is hooked up, with a matching transformer, to a stereo. It is also much more sensitive in the higher frequencies than the low end of the dial, just like most of these sets. It is capable of a decent null, too! It really does tune from 520-1620 kHz, so you can pick up some neat things at each end of the dial... (continued next time--rce)

Jim Hall, 240 Byron Road, Pittsburgh, Pennsylvania 15237

Several years ago Dennis Kibbe detailed a filter modification on his Kenwood R-600 (IRCA Technical Column 11/9/85 Vol. 23 #7) involving installing a CFG445I filter (wide) in place of the inferior wide filter in the stock rx. (a Murata CPW455HT) I'm planning this mod on my R-600 and would like to hear any performance evaluations from anyone who has done this. Also on the tinkering front I've built a simple phasing unit, and an active preamp for a 5' wedge (which yielded NC-1500 in broad daylight for starters. Gary Siegel, re. your latest forum (6/11 #32), matter of fact, I've managed to hear 3, even 4 TIS's at once a few mornings last season after Antuilla s/off's. Those would be: an UNID NC Smokey Mts. Park TIS; KMG723 Cleveland/Hopkins Int'l Airport; Jamestown, VA's Colonial Nat'l Historical Park/Yorktown Battlefield stn; Appomattox, VA's State Park; Harper's Ferry, WV Nat'l Historical Park; an IL Dept. of Public Transportation TIS w/Expressway updates; plus an UNID "WJLU719" once or twice, which may just be the callsign of one of the previously mentioned. Also, there were one or two unID's on 1610 that I hope I'll hear this year. All in all I've been pretty lucky on 1610 with Bev's etc. here. Many mornings last season I could hear 2 to 3 of these routinely, with a few mornings a gy-type with up to 4 IDed at once (over a few hours listening) and rumbling of (other TIS's) in the background. Ernest Cooper, hope you enjoyed your visit to St. Croix. I am looking forward to hearing about V.I. MW and/or DXing there,



if you had time for such. By the way E.C., I talked to the secretary at WWCS a few times - she said she QSL's so I hope you have gotten a verie by now. Let me know. \$ The Pittsburgh "Dial Card" in 6/11 DXM BI (#32) was from Jim Hall, not Tim Hall who is a completely different DXer from CA. And my thanks to whoever nominated and voted for me for the Ted V. award - it's much appreciated. Good DX.

Rick Evans, Apt. 19, 5104 N. Lovers Lane, Milwaukee, Wisconsin 53225 (414) 466-8754. Thanks to all of you for voting for me in the TVA balloting. It's one of the few bright spots for this year for me. -- I'm finally getting settled into this apartment. We wound up down here during one of the hot spells of a summer which ranks as the hottest summer on record here in Milwaukee. The old record was 4 days over 100 degrees, we had 5. We set a new record for days over 90 with 36 (the old record was 33!). We even hit 104 one day, which is now the second highest on record here, with the all-time record being 105. (One of the weather service thermometers hit 108, but not the official one at the Airport.) Needless to say, it has not been a good start for BCB DX here in Milwaukee, so, in four weeks, I'm only up to 70 heard from 11 states and 1 province. Nothing really startling has been heard yet, although I've heard six stns already that I had not heard in any of my other stops before. As I expected, I can heard Michigan well here (the lake effect), and could have listened to the Tigers baseball game this afternoon on WCSY-940 South Haven, Mich, if I had chosen to do so. While I was typing most of this column, I was listening to WJPW-810 Rockford, Mich. which was doing a remote broadcast from Greenville with the oldies and big band music I like so well. Radio conditions are interesting, although I'm still getting my feet wet. WTMJ-620 splatters at night, I picked off WRVA-1140 last night with Milwaukee's WISN-1130 still on the air, and, at night, I can hear somebody under WOKY-920. With all the high temps when we got here, I spent the first couple of weeks concentrating on TV skip, and saw 34 stations, almost equally divided between Mich., Ind., Ill., and Wisc. Also, I've spotted one TIS on 1610 here, giving traffic conditions around County Stadium down on I-94, perhaps 6 or 7 miles from here. WYLO-540 in Jackson, Wisc. is now full-time and strong here. Make that now 72 stns in 13 states and 1 province. Gotta run. Next deadline is 9/10. 73.



## Western DX Forum

★ ★ ★ ★

IRCA - The #1 Choice of the Broadcast Band DX'er

Editor: Ric Heald • 8539 Bellamy Way • Sacramento, CA 95828 USA • (916) 386-8677

DEADLINES - 13 & 27 SEP, 11 OCT

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JIM HILLIKER, P.O. BOX 1499, CARMEL VALLEY, CA 93924

(The Hilliker Digest concludes from last month. .) My two domestic reports to KTOM came from Steve Mittman and Tim Hall; great reports, guys. The other six were from Japan and New Zealand. One from Yokahama sent a great taped reception that really impressed the DJ's! The PD told me, "Glad you know what to do with these (DX reports). We used to throw them away!"

Finally, great article Steve Mittman on KRLA, KFNB and KHJ. A few comments: Your talk about the KMET 1970 recreation of KPFB was correct. I heard that one then. Also, KRLA in November of 1981 brought back their "original 11-10 men" for part re-creation and part old airchecks of 1964-65, when they were part of the Beatles craze when Bob Eubanks brought them to the Hollywood Bowl. Also, KRLA began in 1942 as KPAS, then KXLA a few years later. At Cal State Fullerton there's a great Master's thesis on KRLA, its history and troubles with the FCC in 1962 due to a rigged contest. (See my forum for details-RtH.) The thesis was written by a KRLA engineer. It's great reading at their library. Best of DX and 73 de JH.

PETE TAYLOR, 2614 JACKSON ST., SAN FRANCISCO, CA 94115

KLOK 1170 went SS 09 August and its transformation from light rock to SS has got to represent one of those nightmares new owners hope they never have to go through. It was bought by Bahia Broadcasting (owners of KBRG 104.9) and the change was to have taken place 08 August. I stayed up 'til midnight Sunday night 07 August to see if they'd do it at 0000, but was told by the announcer that the change would take place at 0530.

During the first 15 minutes of his program, he noted that this was his last night and invited listeners to look for him on Bay Area dials (AM/FM) in the near future.

Monday morning I tuned in and it had normal EE programming but no spots. I

checked several more time Monday night. The announcer was apologizing for the fact that he had already said "goodbye" at noon on Sunday and promised to play the "very best" during his real final shift even though half the record library was gone. Tuesday morning the AM DJ said 90% of the library was gone and that he was playing his own personal records and some borrowed from his wife and other DJ's. His last comments were about 0820 when he started playing a Beatles album. This continued until about 0902 when an announcer with a Hispanic accent came on with the ID. It was Segue City all morning with infrequent station-produced IDs. I left at 1145 for lunch. At 1400, I checked it and it was finally SS, "la nueva KLOK" and "Radio Reloj" and with a format similar to KIQQ 1010. I certainly hope they didn't have a heavy print campaign going in the South Bay papers on 08 August.

I know when we took over previously silent WJTB, we turned it on at midnight and had preceded with color ads in the Boston Globe and ran a full page one the same day we started. 15 September 1987.

When we took over Boston's channel 56 in December 1968 we weren't so lucky. We got the video going - we had to go on with something because we had the Bruins and had to get on with the first game - but no audio, so using a slide, had to tell listeners to tune in to WHDH 850 for the sound portion. This was an unpleasant situation because WHDH was owned by the Herald-Traveler and ch. 56 owned 50% by the Globe. I'm sure there are a lot of other funny changeovers IRCAs have heard which perhaps they will share with us in this very same column. 73.

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504 (818) TH5-8292

The latest is 1330 KFAC has been sold to KWKW 1300. They plan to move to 1330 for better coverage sometime on November. 1300 will then become an Asian programmed station. Sorry to see KFAC go. It's been around for many years. KWKW has too. (Don't they share towers with 1540 somewhere east of Highland Park?-RtH.) I heard they plan to put studios in Hollywood where they have a sales office.

I sent a clipping to HQ on the things I mentioned before.

I like the San Francisco market better than L.A.. In fact, I like many markets better, such as Bakersfield, San Diego, Palm Springs, Phoenix and Springfield, MO (oh, and Louisville, hi).

Been hot here this July. At least it's cool at night. 73.

GENE MARTIN, 3303 E. EVANS AVE., DENVER, CO 80210

Does it make any kind of sense to extend the AM band up to 1705 kHz, adding an additional ten frequencies, inasmuch as AM radio, at present, has been expanded so much in number of stations that all of them are facing a dark economic future.

The first stage of economic hardtimes that comes along is likely to eliminate 2,000 AM stations AM stations, or so, plunging them into bankruptcy and leaving them with properties that cannot be sold at any price. Economists figure that such a downturn is inevitable before long but they cannot say just when.

Even before any kind of recession arrives, the whole structure of AM radio is being wracked by chaotic upheavals brought on by the FCC's inability to say "No" to any applicant seeking a broadcast license. The FCC's licensing authority came into being based on the hard fact that AM radio space is limited, but in recent years the licensing machinery has been operating as if there were no limits to the broadcast spectrum.

Sometimes I get to wondering if the FCC doesn't have a special staff the scours the US Postal guide searching for hamlets that no one ever heard of. When one of these is discovered, then the next thing you know, an AM broadcast license has been issued for Newburg, KY, Christiansburg, VA, Mayville, WI, Bethel Park, PA, Sulphur, LA and Rocklin, CA. (Uh, Gene, on the latter, we're talking a market of 1.3 million - although the most exciting thing to do on a Saturday night in Rocklin is to visit the landfill site, hi. I didn't say it, Joey Mitchell/KRAK did, hi-RtH.)

That same issue of DXM lists 15 stations changing their call letters, 54 stations changing their formats and 66 stations trying to sell out to new buyers, in itself a vivid commentary on the sickness in AM radio.

I remember the birth of WLWA-FM Cincinnati in 1946. We guys who worked at the real WLW, the one on 700, held WLWA in contempt, hardly worth our notice. We considered FM radio a sort of a joke that would soon go away, like facsimile had soon disappeared. How mistaken we were!

It took FM radio about 20 years to prove its superiority to AM, and about ten years before it began to dominate in the ratings. Now we have a generation of radio listeners who never tune to AM and may be forgetting that it still exists.

Rather than extending AM broadcasting to 1705, it might make more sense in a rational world to consider whether there is good reason to maintain an AM band that stretches from 540 to 1600 kHz. How soon will it be before some critical thinker in broadcasting condemns the present AM band as a waste of spectrum space? Sometime in the next ten years, I believe we will see a time when the number of new AM stations will be exceeded by the number of AM's leaving the air. (Remember, Gene, this madness was created within the last eight years - November is coming up-RtH.) 73.

FLOYD PERRY JR., 6408 MORGAN PL., #218, STOCKTON, CA 95209

On Tuesday, 09 August, KLOK 1170 San Jose switched from AdCom to SS. I was able to tape the actual change. It looks like my earlier fears turned out to be true.

Other changes include KTIM 1510 San Rafael switch to country and new calls KCAF which occurred on Monday 01 August. I also hear that KCPX 1320 Salt Lake has returned to its rock oldies format again as well as KBUG. Probably to pick up the audience of the now defunct KLUW 570.

Now that KEBR 1210 has gone fulltime, their nighttime signal seems stronger, however. I cannot pick up their signal during the day. (That's because their daytime broadcasting lasted less than a week - they're still nighttime only-RtH.)

73 de FPJ and Sacramento in '89.

RIC HEALD, 8539 BELLAMY WAY, SACRAMENTO, CA 95828 (916) 386-8677

Lots of changes in the last month. I'm making a lateral move in my county employment to Mental Health department - you know - where they bring in the 5150's, hi. Also brings me back to a swingshift with every other weekend off. It's more money, and I ain't dumb, so made the move.

Regarding station format changes: I mentioned in a forum more than a year ago that KTOL 1280 Lacey, WA was AdCom, ex-C&W, so to my surprise saw this change in the 06 August DXM Broadcasting Info. I've been back several times since that forum and haven't heard them C&W - have you BH or NH?

KRLA 1110. The '62 rigged contest, as I learned about it at radio school in '65, was that a new DJ was to be coming to KRLA, "The Money Man." If you asked everyone on the street if you were the KRLA money man and if he was indeed the same, you'd win \$10K. Well. . . a KFNB exec went back to St. Paul (KDWB) for a meeting. The evening before he scanned the local radio and heard the name of a DJ, the same as the one that was the KRLA money man. He called, acting as a PD or GM from a station in FL. The DJ explained he couldn't go to work for him as he was due in L.A. at KRLA. BINGO. Next day at their meeting, situation was discussed, a call placed to KRLA, and. . . a very red-faced KRLA handed a check for \$10K to staffers of KFNB. I've abbreviated a lot here, but believe that's the general story. Not to mention right after that there was a question to who owned KRLA and if he was a citizen.

Floyd Perry's forum alerted me to check semi-local radio more often, hi. 1510 is now calling itself, "15-10, Calf Country, KCAF San Rafael." That station has always had a hard time turning a buck. At one time, it was owned by the same folks that had KPLS 1150 Santa Rosa and KBLC 1270 Lakeport. He ran KPLS, his wife KTIM and his son KBLC. I think KCAF is in direct competition with KNBA 1190 Vallejo, which is a joke. I should know - I worked for the joke, hi.

Jim Korn's four towers near Sloughouse have been found. Just happened to go with a couple of friends to dinner, Saturday, 13 August to Sloughouse Inn (he's lying, hi), and lo and behold, other members of the party spotted four towers (that's embarrassing, hi), sooooo, after dinner, just happened to turn off at Grant Line Road (northbound), and 4.4 miles later turned right onto (ready for this?) Glory Lane. About .2 miles east of Grant Line. Went back the following day to see the thing in the daylight. The four sticks are close together (as opposed to  $\frac{1}{4}$  wl apart). Still nothing on the air, but judging from the unmarked country lane, guess what their format will be? Of course that could all be pure coincidence. (Unmarked on map.)

This column typed a little earlier than announced deadline. Lost our swing clerk so guess who's picking up the slack with tons of overtime? Had only time on the weekend to type this. Back to normal (where I'll be working, that'll be questionable at best, hi) next issue.

Best of DX and 73 de RtH and Sacramento in '89 . .



# ANARC REPORT

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## ANARC CONVENTION REPORT -- BY: ALBERT S. LOBEL

There is a lot of news regarding ANARC. First of all, most of you know that I attended ANARCON'88. I just got back earlier today (the current date is 17 JUL 88). This ANARC Report will be for the most part about what went on at ANARCON'88.

ANARCON'88 was a great success. IRCA was not very well represented from a members standpoint as there was hardly anyone there from IRCA to represent IRCA. However, I did have some IRCA sample bulletins to hand out as well as some IRCA Membership applications and reprint lists. All of the bulletins were gone by the middle of the second day and lots of reprint lists and IRCA Membership applications were taken. I hope we get lots of new members from them.

Of importance to IRCA Members regarding the possibility of an IRCA sponsored ANARCON, no decision was made about ANARCON'90. There was a bid submitted by IRCA. Due to complications I cannot reveal at this time no decision was made but should be made soon. Watch these same pages for more about an IRCA sponsored ANARCON in 1990!

The AM-Stereo seminar I put on was a great success and there were a lot more that attended than I expected and a lot more questions than I expected. I'll be getting a tape copy on cassette of the seminar. Any IRCA Member who would like a copy can obtain one by sending me a blank C60 cassette and enough postage to send it back at the first class rate and I will send a copy as soon as I get the chance to duplicate my copy of the tape. First class rate for tapes within the U.S. is 45 cents. For other countries check the rate and include the proper postage, air mail postage should be included if you are outside of North America!

Gregg Hardison, producer of the Ray Briem Show on KABC-790 also was at ANARCON'88 and spoke about the history and future of AM radio. Gregg gave a very interesting report and according to Gregg there is a future in AM radio despite what some may say. His seminar was also attended by very large number of ANARCON attendees. Anyone desiring a copy of what Gregg had to say can obtain one by sending me a blank C60 cassette and I will make the copy as soon as possible. See the above paragraph for details regarding the kind of tape and postage required.

Also in regard to AM radio, the speaker at the banquet was Ray Briem. Ray Briem is a very well known Talk-Net announcer and is a DX'er and shortwave listener himself. He put on a very interesting talk about his carrier in broadcasting. And although he spoke mostly about shortwave, he did mention some very interesting things about AM radio. If you want a copy of that you can also send me a blank C60 tape and I'll send you a copy of Ray Briem's talk.

I did receive many questions about IRCA and I know that there was a lot of interested ANARCON attendees. Too bad not more of you attended! I urge all of you to start making your plans now to attend ANARCON'89. ANARCON'89 will be held in St. Petersburg Florida at the Dolphin Beach Resort, located directly on a seven-mile-long white and sandy beach. It will be held from 14-16 July 1989. Prices for ANARCON'89 will be very very good and a lot less than ANARCON'88 was. Standard rates at the hotel will be \$50.00 per night, poolside rates \$58.00 per night, and if you want Gulffront accommodations \$66.00 per night. There may be up to four persons in a room at no extra charge. Registration will be \$25.00 per person; \$40.00 per family regardless of the number of persons. You only need to pay the family rate if your spouse or other family members plan to participate in convention sessions, the Friday Night reception, etc. A pre-registration form will be published soon in DXMonitor. All IRCA Members are urged to attend. Let's see a real large turn out from IRCA at ANARCON'89.

Something of extreme importance that was discussed at ANARCON'88 was in regard to the Electronic Privacy Communications Act. No, we're not out of the wood yet on that one. More is in the making and if unless you act now you may soon find that monitoring even AM radio will someday be considered against the law. One of the things that was mentioned was that all states must within the next year pass a law equally as restrictive as the Federal Law or even more strict. One state has passed a law that it is illegal to listen to any subcarrier. FM-stereo is broadcast with a subcarrier. Therefore, it's technically illegal to listen to FM-Stereo in that state (Wisconsin). Does it sound a little absurd? Well, really it is and I doubt that it could ever be upheld in a court of law. However, it shows how ridiculous this whole thing may soon become. AM-Stereo also uses subcarriers and we may soon find the very same things for AM-Stereo. Are we in the United States or not and do we have freedom or not. One of the things mentioned at that seminar was that it seems like the Soviet Union with Glasnost is heading more towards being a free country and we are heading more towards being the communist country. If we as American Citizens do not start speaking out now we may soon lose our freedoms. I urge every DXer to write to his or her congressman or congresswoman now before it is too late. And above all vote this November before you can't do that either.

On yet another subject that may affect us, AFRTS is soon to go off the air unless we can urge the proper authorities not to remove AFRTS from the air. While AFRTS is mostly a shortwave station it is heard in Europe on the AM band and is of great benefit to our armed forces overseas. I urge every IRCA Member to write to the persons shown below:

Lt. Col Thomas Hanson		Mr. Charles Z. Wick, Director
AFIS/AFRTS		U. S. Information Agency
601 North Fairfax, Suite 360		301 Fourth Street, Southwest
Alexandria, VA 22314		Washington, DC 20547

{SEND COPIES TO}

The Honorable Clairborne Pell		The Honorable Dante B. Fascell
Chairman Senate Foreign Rel.		Chairman House Foreign Aff. Comm.
SR-335 Senate Office Bldg.		2354 Rayburn House Office Bldg.
Washington, DC 20510		Washington, DC 20515

Tell them that you are against AFRTS being taken off the air. We can do it! But, we must act now!

More will be written about ANARC soon. Tune to these same pages in future issues for more information on ANARC. ANARC can work for IRCA! ANARC needs IRCA. Let's all support ANARC.

73 and good DX,

*Albert S. Lobel*  
 Albert S. Lobel  
 Post Office Box 26762  
 San Diego, CA USA 92126

PHONES: (619) 484-0604 & (619) 566-0092 {Both are business #'s}

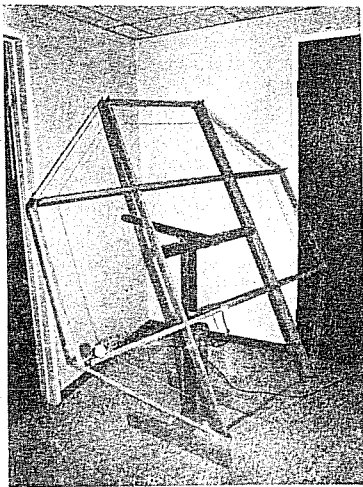
17 JUL 88

Bruce,

Please be sure to run this ANARC report in its entirety. Do not cut it and paste it. Run it on two pages one right after the other if necessary and in the same issue of DXM. It will lose part of the meaning if cut up or not continuous.

Albert

*Albert S. Lobel*



## A 5-FOOT ALTAZIMUTH LOOP FOR LONG OR MEDIUM WAVE RECEPTION

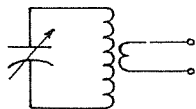
BY STEVE McDONALD VE7SL

Since the photograph of my large air-core loop first appeared on the front cover of the *LOWDOWN* (FEB/87), I have responded to over seventy requests for information regarding its construction. Today, over a year and a half later, hardly a week goes by without additional requests - evidently there is much interest in LW receiving antennas and loops in particular.

My initial interest in constructing the loop was necessitated by the purchase of an R71A receiver followed by the rather mediocre LW reception I was achieving using a long (150'), high (50') coaxial fed 'sloper' antenna. Living in a typical noisy (radio-wise) suburban city-sized lot, I found that all but the strongest of LW signals were obscured by power-line noise, TV birdies and nearby light-dimmer hash plus goodness knows what else! Reading everything I could find about loops and corresponding with loop users convinced me to try one for myself. It was fairly evident from my research that the loop had to be smoothly rotatable in both azimuth and altitude (tilt) if maximum benefit was to be realized. The ability to smoothly swing the loop in elevation as well as azimuth allows for a virtual complete "nulling" of any strong pest signals or, more importantly at this location, to null out offending noise sources. All the designs that I could find looked rather flimsy and shaky and most of these were for smaller size loops. A trip to the local hardware store convinced me that everything I needed for a smoothly operating design was readily available using PVC plumbing hardware.

The LW loop consists of 13 turns of #18-20 plastic covered stranded copper wire. This amounts to approximately 208' of wire. The 13 turn loop is resonated (tuned) with a 3-section miniature BCB variable capacitor (total range is 20-1000pF), removed from an old transistor radio. With a standard 2-section BCB variable (about 700pF), the LW loop tunes from approximately 200-700kHz; with the 3-section variable, tuning drops to approximately 170kHz. The MW (BCB) loop consists of 7 turns (approximately 115' of wire) and a single-section 365pF variable. This arrangement tunes from approximately 700-1700kHz. To cover the bottom end of the band, a small fixed capacitor (100-200pF) can be paralleled with the main tuning capacitor using an 'in-out' switching arrangement. Basically it is a 'cut and try' situation - try what you have for a tuning capacitor then add or remove turns.

The pick-up loop consists of 1 turn of the same type of wire used in the main loop; it is spaced 5" inside the main loop. The pick-up loop is fed with about 10' of 52ohm (RG58) coaxial cable at point 'X' where the loop is terminated with 2 brass pins. Electrically, the loop looks like this:

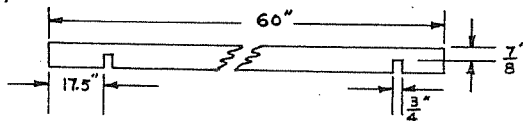


Loop purists might argue that this coaxial-fed link arrangement does not allow perfect electrical 'balancing' of the loop; I must say that I am unable to detect any 'skewing' of the loop pattern as both front and back-side nulls appear to be of equal depth. If you wanted to get real fussy, a balanced preamp using dual FETs or dual-gate MOSFETs at unity gain could be employed to obtain a perfect electrical balance.

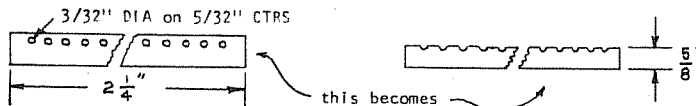
## FRAME CONSTRUCTION

Construction is straightforward and not difficult. If you are lacking the skills or the tools then perhaps you have a friend or neighbour that can lend a hand; another sure source of help is the local high school Woodworking shop. The 4 crossarms on the loop frame are made from 3/4" plywood, 1-3/4" wide by 60" in length. Any 3/4" stock such as Pine or Cedar will work equally well but it must be straight. Anything thicker than 3/4" will make the frame too heavy while anything thinner results in sag - 3/4" seems just right! The arms are joined by cutting 'half-lap' joints 17 1/2" in from each end as shown in FIG. 1. These were cut on a table saw by clamping all 4 arms together and cutting 4 laps at a time. You can also cut these by hand using a small saw and a chisel. With careful layout they will be just as accurate as the table saw method. The arms are glued and screwed together with one #8 x 1 1/2" wood screw at each lap joint.

FIG. 1



The plexi guides are short strips of 1/8" thick plexiglass that act as alignment guides for the main winding; these can also be made from thin wood such as a 'Popsickle' stick. There are probably dozens of things that could be readily used as guides but stay away from using metal. I originally drilled a series of holes (3/32" drill) on 5/32" centers as shown, then sanded (using a disc sander) the top portion of the holes away, leaving a series of grooves along which the wires can be guided. A file or electric hand sander will give you the same results only slower; 8 guides are required. These were fastened to the ends of the 4 crossarms by cutting a groove (same thickness as the guide) in the crossarm ends and gluing into place. Again a table saw was used but this could also be done carefully by hand. Another method is to simply fasten the guides with small screws and some glue to the side of the crossarm ends which should work equally well. If you do this, make them wider than 5/8".



## AZ/EL CONSTRUCTION

The main frame is tilted and rotated by an azimuth/elevation system constructed of standard 1 1/2" PVC pipe. This lightweight material allows everything to glide and tilt very smoothly and, if constructed properly, adjustments in azimuth or elevation of as little as 1/4" are easily made.

Two 1 1/2" 'T' fittings along with their pipe adapters are required (part #3, #4) and 3 'end caps' are required (part #1, #2 and one for the floor stand). The end caps (#1, #2) are centered on the inside centers of the crossarms and are fastened with 2 short flat-head sheet metal screws in each end cap. The 1 1/2" tubing (#7, #8) is glued into the main 'T' (#3) using standard PVC cement but not glued into the end caps thus allowing the system to swing in elevation. Parts #7 and #8 are approximately 10" long but you should cut and size your own system; these should fit snugly and press 'outwards' against the crossarms. Part #5 is a short piece of 1 1/2" tubing approximately 1 1/2" long in order to extend the main loop frame forward of the floor stand frame and to keep the wires from rubbing against the stand when the loop is in an untilted (vertical) position. This should not be glued into the main 'T' (#3) thus allowing you to remove the loop frame for transport or to 'plug-in' a loop for another band. Part #6 is for swinging the loop in azimuth without having to grab hold of the frame. It is 22" long and glued into the 'T' (#4); do not glue part #6 if you desire to dismantle the loop for transport. Part #9, the main pivot pipe, is 35" long and is glued into the 'T' (#4); the bottom end of the pivot pipe sits inside another end cap fastened to the floor stand frame.

## FLOOR STAND

The floor stand is straightforward and its solid construction provides a very stable footing for the large loop. Standard 2x4 stock is used for parts 'A' and 'B', each 24" long. The center pieces (C) are 2 pieces of 2x4 glued and screwed together (each piece is 14 1/2" long). These are fastened to 'A' and 'B' by gluing and screwing at point 'D' on both ends. The vertical wall pieces ('E' and 'F') are made of 3/4" Pine but any straight dry stock is fine. 'E' and 'F' are both 4" x 21" in size. The top 'bushing' is also 3/4" Pine or plywood; it is 4" x 4 1/2" but the latter measurement will depend on the final width of your 'C' pieces. Cut a hole (sabre saw, scroll saw, coping saw, hole saw etc) in the center of the bushing the same size as the pipe. The fit should be snug with no flop; wax the

edges of the hole with an old candle and the entire loop will rotate like it has Teflon bearings! The bushing is glued and screwed to the top ends of 'E' and 'F'. The bottom end of the pivot pipe (#9) sits inside an end cap which has been centered and screwed to the top surface of 'C'. Rub some wax on the inside of the end cap before final assembly. Finish off the floor stand by screwing 4 large rubber equipment feet to the undersides of 'A' and 'B'.

#### USING THE LOOP

After reading and researching loop designs, I was rather skeptical about some of the claims made by loop users. This loop really opened my eyes! Initial trials on local groundwave powerhouses (CJOR-600kHz & CBU-690kHz) revealed that their very strong signals (s9+50db on the R71A S meter) could be COMPLETELY nulled so that no trace of carrier could be detected! Skywave propagated signals also showed deep nulls but not as pronounced as the groundwave signals; directional bearings can easily be obtained. European carriers on the BCB showed a pronounced null at 30 degrees; in short, the loop quickly made me a believer!

If your location is a quiet one, unlike my 33' wide urban lot, simply use the loop to peak weak signals or to null 'pests'. Maximum signal pickup is off the ends of the loop, just the opposite of a ferrite bar type loop. When a signal is nulled, the handle (part #6) will be aligned on the bearing to the station. This holds true only if the loop is not tilted; to get accurate bearings, keep the loop frame vertical. If noise is your problem, use the loop to null the noise source. You should find that almost all, if not all, local noise can be eliminated by carefully adjusting the position of the loop. Each few db of noise eliminated will reveal another layer of previously hidden signals. The first night I fired-up the loop the LW band sounded like 20m CW on a Saturday afternoon!

To null noise (or a signal), leave the loop untilted and rotate in azimuth slowly until the target is nulled. Slowly elevate the loop a few degrees and again slowly rotate to re-null. Repeat this procedure a few times, making very small adjustments each time; eventually you will reach the bottom of the null which will be very sharp and very deep. Further adjustments in the same pattern will result in 'passing through' the null. Try experimenting on local groundwave BCB carriers to get the feel of the loop's sharp nulling capability. Loop tuning is fairly sharp and the main tuning capacitor will require re-peaking every 20kHz or so.

#### RESULTS

The LW loop resulted in a dramatic increase in receive capabilities. The first eleven nights of listening provided 151 new beacons logged - most of them completely undetectable on my 50' sloper. Some of my first season catches were:

417 HHG HUNTINGTON, IN	367 HA HAO ATOLL, FR POL
417 EOG GREENSBORO, AL	353 MPH MCGREGOR PT, HI
407 SWA SWAN ISLAND, HONDURAS	352 RG RARATONGA, COOK IS
396 ZBB S BIMINI, BAHAMAS	340 VL OSTROV SHUMSHU, SIBERIA
396 PH INUKJUAQ, QUEBEC	323 UT CALCASTIEU PASS, LA
392 ML CHARLEVOIX, QUEBEC	316 MAJ MAJURO, MARSHALL IS
391 DDP SAN JUAN, PR	315 HO HIHFO, WALLIS-FUTUNA
387 SPP SAN ANDRES IS, COLOMBIA	290 NN NANDI, FIJI
378 UX HALL BEACH, NWT	216 CLB WILMINGTON, NC

One other thing I was told about loops is that they would not work inside my stucco house, supposedly because of the wire mesh screening beneath the stucco! I have built 3 loops and all have worked equally well. For curiosities sake, a smaller version (2' diameter) using scaled-down dimensions was constructed for the BCB; the deep nulling capabilities and directional characteristics were identical to the large loop. Signal pickup on the smaller loop was reduced by several db but was still deemed satisfactory; even using the small loop was a great improvement over the outside sloper. If you don't have the room for a large loop I can highly recommend a 2 or 3 footer for the band of your choice, scaled down from the large loop.

#### REFERENCES

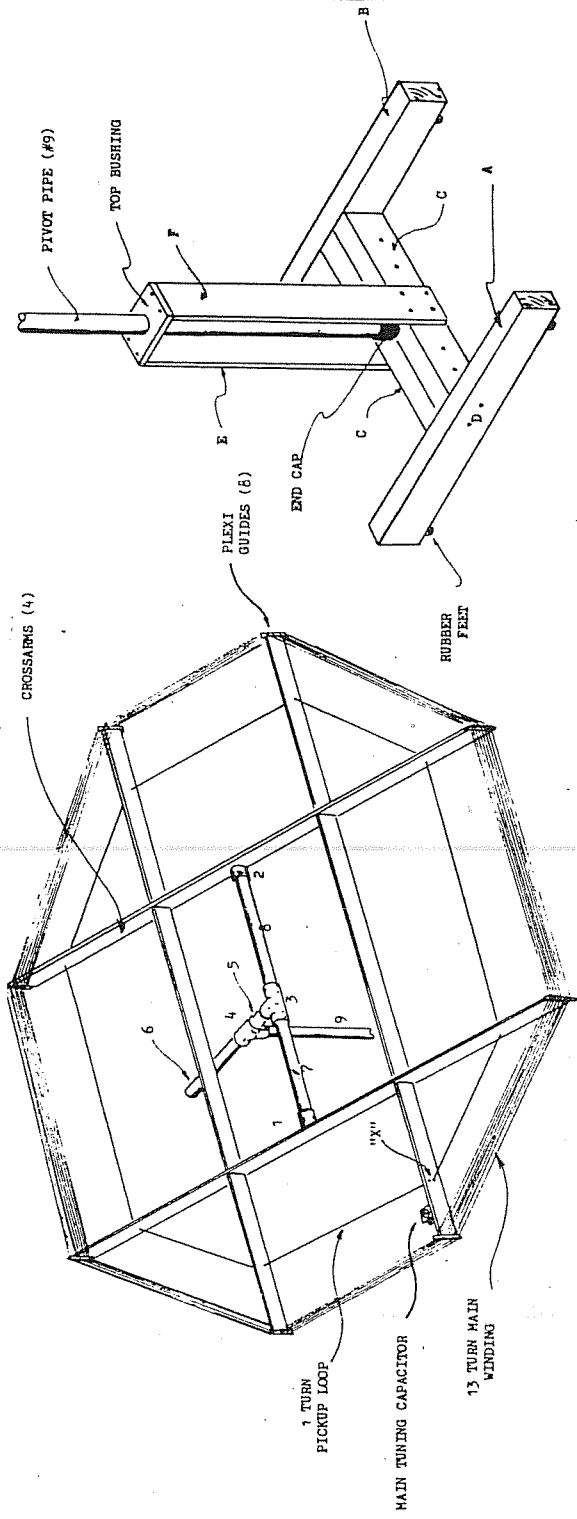
An excellent source of information about LW and MW antennas (including loops) is the National Radio Club (NRC). Of particular interest are: NRC ANTENNA REFERENCE MANUAL VOLUMES ONE and TWO; LOOP ANTENNAS - DESIGN & THEORY. These handy publications plus much more is available from the NRC PUBLICATION CENTER, KEN CHATTERTON, PO BOX 164, MANNSVILLE, NY 13661. A similar wealth of information is available from the International Radio Club of America (IRCA). For a complete list of over 400 reprints and their costs, send an SASE to: IRCA GOODIE FACTORY, P.O. BOX 21074, SEATTLE, WA 98111. These two clubs can send you enough information to keep you reading all winter!

73 and good 'looping'

*Steve*



# Floor Stand



# Loop Frame

# STATIONARY

## Music ship's bid to sail is thwarted

By William P. Coughlin  
Globe Staff

Alan Weiner, a Maine resident and New York City broadcast engineer for ABC Radio, sees himself as a "little guy trying to do something" — broadcast "free form rock 'n' roll" from an unlicensed, ship-based radio station anchored outside America's 3-mile limit.

For the US Coast Guard in Boston, it is equally simple: The failure of a freighter to comply with federal regulations relative to pollution control and financial responsibility. The rules, the Coast Guard says, apply uniformly to all ships.

So, when a Boston-based Coast Guard patrol craft spotted the ghostly form of a decrepit, former drug ship named Sarah sliding out of the harbor in pre-dawn darkness Sunday — in the company of another ship named Munzer — it gave chase and boarded.

Riding no proper registration, certificates or sailing orders, the Coast Guard party decided the Sarah was violating Port Captain Richard Anderson's order to stay put. The order was issued last July after the ship arrived from New York on the end of a towline.

Captain Frank Ganter of the Munzer, which had the Sarah lashed alongside, was ordered to tow the ship back to its East Boston berth or face daily fines up to \$25,000. Ganter, of Chelsea, could produce only an expired Honduran registry for Sarah and, when told of Anderson's order, said he knew nothing about it, coast guardsmen said.

Cmdr. Philip Chase, alternate port captain of the Marine Inspection office, denies that the Coast Guard, with the Federal Communications Commission, is trying to harass the Sarah and keep it here "no matter what," as Weiner told the Globe.

"This is a typical operation that applies to any vessel in this port," Chase said.

He added about Weiner: "It's not difficult to comply; he doesn't even need a lawyer. We gave him copies of the appropriate regulations and showed him the section that applies . . . If he complies, he could be down the road."

Chase said that so far Weiner has not complied with the regulations. He also asserted that the FCC has not discussed the issue with the Coast Guard.

The Sarah is the same ship from whose decks a "pirate" radio station called Radio New York/International broadcast rock music in defiance of the FCC last year for five days while floating just outside territorial waters off Long Island.

The 200-foot-long Sarah was formerly a coastal freighter of Honduran registry called Litchfield. The US Coast Guard seized the ship several years ago after it was found to be involved in drug smuggling.

Weiner yesterday indicated he had obtained the ship at a US marshals' auction for "around \$100,000." He said he is the principal owner, even though Boston Coast Guard records indicate it is owned by a firm called International Ship Owners of Yonkers, N.Y.

When Coast Guard inspectors Lt. (j.g.) John Stanley and Petty Officer 2d Class Daniel Dugery examined the Sarah on its return to East Boston on Sunday, they noted it had been repainted and "looked in seaworthy condition."

Its radio transmitting tower also "appeared in decent shape," Chase said.

He said the inspectors did not go into deck cabins, or below, but a caretaker on board, identified as John Hungerford, a friend of Weiner's, told coast guardsmen there was no documentation of any type on the ship.

The ship first made headlines when Coast Guard and FCC agents boarded and seized it last July 28. Weiner and a disc jockey identified as Ivan Rothstein of Brooklyn were arrested and charged with violating international treaty laws and federal laws that ban broadcasting off the US coast.

However, Matthew Fishbein, an assistant US attorney in Brooklyn, said this week that the case was never tried and that the government's complaint was dismissed when Weiner and Rothstein "promised as part of their bail conditions never to try to go back on the air again."

Fishbein said the government has the right to reinstate its complaint if the pair resumes broadcasting.

### "They won't let us out"

Yesterday, in a telephone interview, Weiner admitted he has "been trying to get the ship out of Boston and they won't let us out; it's as simple as that."

Weiner said he wants to bring his ship back into international waters and may start broadcasting again, "possibly" in the New York area. He said the Sarah, still sporting her 75-foot-high transmitting antenna, had been refitted with \$70,000 worth of radio equipment. Weiner said it was heading for an anchorage off Deer Island when it was stopped on Sunday.

"That's a perfectly legal maneuver," he said.

Weiner admitted that he had received the port captain's orders.

Boston Globe 7-22-88

via Karl Zuk

### Charges were dropped

He said that the government had dropped all the charges against him last year and returned his ship to him two days later "because they believed that we were not doing anything wrong. . . . They dropped the charges."

"It's a constitutional issue, absolutely," he said. "If the Coast Guard doesn't let that ship go, it's a case of prior restraint. . . . I don't know how many port orders are issued against ships in Boston Harbor. We're probably the only one singled out like this."

Weiner said that Coast Guard and FCC officials wrecked his ship when they boarded it last year. "The generator room was flooded, and the FCC went down into the radio station and tore it apart."

He said the ship was then towed to Boston for refitting. It has been at Bang's Shipyard here for the past year.

### "I want to move her"

"Now," Weiner said, "I want to move her, and they tell me I can't. I feel they're coming down hard on me because of my past infamy, or should I say fame . . . They're afraid the ship will go out into international waters again, and the government now knows that I have every right to do it. They don't want us to go that, and the easiest thing is to keep us in Boston."

Asked if he intended to try broadcasting again, Weiner said: "I have to be real careful what I say. I feel real vulnerable now; I'm afraid they're going to keep slapping me with problems, first one, then another, and I'll never get the ship out of Boston Harbor."

Weiner, a resident of Monticello, Maine, said: "If it weren't for all these Coast Guard problems, there's a good chance the ship would have been out there, on the air, months and months ago . . . It's costing money to keep the ship in East Boston. It's a financial drain on me."

He said his broadcasting plans still included what he calls "free form rock 'n' roll," and that his AM and shortwave radio signal "could reach a good third of the United States . . . Last year we got reports from as far as Oregon."

"But," he said, "the only thing now, step one, is to get my ship out of Boston Harbor."

IRCA VERIFICATION-SIGNERS COLUMN

Editor: TIM HALL 350 G St. #F-1, Chula Vista, CA 92010-4559 COLUMN #21  
 Deadlines: Last Friday of the month: 9/30 10/28 11/TBA B / 22 / 88

FREQ	CALL	SIGNER'S NAME / TITLE	ADDRESS	WHAT	WHEN	WHO
580	KCHX	LARRY "STONEWALL" JACKSON, MGR.	P.O. BOX 128	ASHLAND, OR	97520	P 8 TRH
610	KONA	ART BLUM, CE	P.O. BOX 2623	TRI-CITIES, WA	99302	Q 9 TRH
	KYJC	[ ADDRESS CHANGE: ]	1257 N. RIVERSIDE, #10	MEDFORD, OR	97501	
620	KWSD	JONATHAN W. REES, STN MGR.	P.O. BOX 448	MT. SHASTA, CA	96067	P 7 TRH
630	KCIS	TOD MERLEY (?), DIR ENG.	19303 FREMONT AV. NORTH	SEATTLE, WA	98133	P 6 TRH
660	KGDF	[ NEW STATION'S ADDRESS: ]	3070 SKYWAY DR. #501	SANTA MARIA, CA	93455	
690	KRCD	JOHN KENBILL (?), GM	P.O. BOX *K*	PRINEVILLE, OR	97754	P 7 TRH
700	KGRV	STEVE WEBER, CE	P.O. BOX 1598, 196 SE MAIN	WINSTON, DR	97496	L 6 TRH
790	KBHI	WILLIAM F. DAY, GM	2219 YEW STREET RD.	BELLINGHAM, WA	98225	PB+ 4 TRH
	KJRB	LEE FICHTNER	P.O. BOX 8007	SPOKANE, WA	99203+	LB 8 TRH
810	ZNSJ	ALBERT D. ADDERLEY, STN MGR.	P.O. BOX F-2403	FREEMONT, BAHAMAS	L 33	JD
		[ GOOD SHOW, J.D. !! -- TRH ]				
870	KORD	JEFF RIPLEY, DP MGR.	P.O. BOX 2485	TRI-CITIES, WA	99302	L+ 5 TRH
930	KBFW	S.L. SMITH, CE	P.O. BOX *D*	BELLINGHAM, WA	98225	P 4 TRH
950	KTRB	ELLIOTT MOTSCHENBACHER, GM	829 S.E. CASS	ROSEBURG, OR	97470	L 6 TRH
960	KALE	BILL GLENN, CE	P.O. BOX *K*	TRI-CITIES, WA	99302	L 8 TRH
1030	KDUM	ELLIE IRONS, DP MGR.	P.O. BOX 147	REEDSPORT, OR	97467	Lr 7 TRH
1050	KBLE	JOHN DUBUQUE, CE	114 LAKESIDE AVE.	SEATTLE, WA	98122	P 6 TRH
	KORE	LARRY KNIGHT, STN MGR.	2080 LAURA ST.	SPRINGFIELD, OR	97477	LLRb 6 TRH
1110	KJTT	BILL BENTON, MGR.	P.O. BOX 70	OAK HARBOR, WA	98277	P 8 TRH
1150	KEZX	JOHN PRICE	3876 BRIDGE WAY NORTH	SEATTLE, WA	98103	Q 6 TRH
1190	KEY	BYRON SWANSON, CE	4949 S.W. MACADAM	PORTLAND, OR	97201	L 1252 TRH
		[ THIS WAS A SECOND VERIE FOR A REPORT I SENT THEM BACK IN 1985 !! -- TRH ]				
1210	KEBR	[ NEW STATION'S ADDRESS: ]	3108 FULTON AVE.	SACRAMENTO, CA	95821	
1230	KDOV	PERRY ATKINSON, PRES.	P.O. BOX 520	ASHLAND, OR	97520	PB+ 6 TRH
	KDKI	GAVIN R. ROSELLES, PD	HC 64, BOX 46	LAKEVIEW, OR	97630	P+ 7 TRH
	KVAS	BOB LOUCKS(?), OWNER	1490 MARINE DR.	ASTORIA, OR	97103	PB 6 TRH
1240	KBY	[ ILLEGIBLE ], DP MGR.	P.O. BOX 1249	OLYMPIA, WA	98507	P 6 TRH
	KGY	WILLIE KELLEY, DJ	P.O. BOX 1249	OLYMPIA, WA	98507	Q 8 TRH
	KYLE	DENNIS LEACH, PD	1311 VANTAGE HIGHWAY	ELLENBURG, WA	98926	P 5 TRH
1270	KAOJ	CAROL O'KEEFE, OFC MGR.	P.O. BOX 230	GRANTS PASS, OR	97526	L 8 TRH
1280	KDUK	KEITH L. MILLER, JR.	RTE. 2, BOX 502	EUGENE, OR	97401	PL 7 TRH
1310	KCRE	BOB BERKOWITZ, PRES.	P.O. BOX 1089	CRESCENT CITY, CA	95531	PB++ 6 TRH
		[ WOULD YOU BELIEVE... A BOOK OF MC DONALD'S GIFT CERTIFICATES ?!! -- TRH ]				
1340	KIHR	GREG WALDEN, PRES.	P.O. BOX 360	HOOD RIVER, OR	97031	L 6 TRH
	KLKI	BOB BERRY, PD	P.O. BOX 96	ANACORTES, WA	98221	PL 6 TRH
1370	KWNC	DONALD R. LOCKWOOD, GM	P.O. BOX 607	QUINCY, WA	98848	PL 6 TRH
1380	KRKD	M.S. PARDY, PD	P.O. BOX 1227	EVERETT, WA	98206	Lr 6 TRH
1390	WFHJ	LARRY OLESON, CE	101 W. BOARDMAN ST.	YOUNGSTON, OH	44503	LH+ 314 TRH
		[ ALSO THREW IN A PICTURE OF BRUCE WILLIAMS AND FRIENDS -- TRH ]				
1400	KITZ	JAYME WEST, PROMO DIR/ANNCR	P.O. BOX 1400	SILVERDALE, WA	98383	LB 6 TRH
1470	KELA	BILL TILTON, CE	P.O. BOX 827	CHEHALIS, WA	98532	Q 8 TRH
1490	KBRD	JOHN LARSON, GM	P.O. BOX 1490	BRENERTON, WA	98310	P 8 TRH
	KENE	RICK KNAPP, GM	P.O. BOX 350	TOPPENISH, WA	98948+	PL 6 TRH
	KLOG	BILL DODD, PD	P.O. BOX 90	KELSO, WA	98626	P 4 TRH
	KTOB	EDWARD GARDNER, PRES / GM	58 E. WASHINGTON ST.	PETALUMA, CA	94926	P 6 TRH
1550	KNTR	RICHARD ELLISON, PRES / GM	P.O. BOX 308	FERDALE, WA	98248	L 6 TRH

WHAT was received: Q=QSL card, L=Letter, P=Prepared card, Lr=rpt used as verie, B=Bumperstickers, M=Map.  
 WHEN did the reply come: Number of days elapsed. f = Follow-up report ( or phone call ) was necessary.

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610 KYJC M. STEELMAN, CE 810 KTB1 DAVID BUECKERS, CE

Contributor:

JD -- J.D. STEPHENS, 3605-8 Chasewood, Huntsville, AL 35805

SORRY about the confusion in the deadlines posted in the last few columns. This column is being mailed a few days early, in hopes of arriving in time for the September 3rd issue. Will try to have a column in both of the October issues, so don't worry about sticking to the deadlines posted above. Just SEND IT IN, and it'll get into the column ASAP. Thanks ! See you next month -- Tim

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The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (310 - 1630 KHz). "DX Monitor", the official publication of the IRCA, is published 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. "DX Monitor" contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.



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