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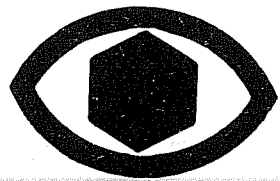
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### DX Tests

Monday October 27: KSRA-960, Salmon, ID will test 0300-0330 EST with march mx and test tones (1 kHz). Send reception reports to Richard Smith, CE, KSRA, Box 950, Salmon, ID 83467. Then, KLCY-930, Missoula, MT, will test 0330-0400 EST with tones and rock mx. Reports for them should be sent to Thomas Wojciechowski, W7LUU, KLCY, Box 7279, Missoula, MT 59807.

Saturday November 15: KSIV-1320, St. Louis, Mo, will test 0200-0230 EST with tones and MOR or religious mx. Send reports to Jeff Bean, KSIV, 2735 Bompert Ave., St. Louis, MO 63144.

Monday November 17: Two more tests: KSVA-1470, Sierra Vista, AZ will test 0300-0330 with cw mx and the NAB standard test tape (more on that later), plus frequent IDs. Send reports to Andrew Hansis, CE, WB4MKA, KSVA, 3514 Kings Court Drive, Sierra Vista, AZ 85635. At the same time, KLPZ-1380 in Parker, AZ will test with Beach



## FR3

### RADIO-TAHITI


410, RUE DUMONTI D'URVILLE  
B.P. 125 PAPEETE TAHITI - Tel. 2.05.51

Boys mx and test tones. Send reports to Mark Roberts, PD, KLPZ, 816 Sixth St., Parker, AZ 85344.

The above tests were arranged by NRC member Carl Dabelstein, with information received via Phil Bytheway. Five tests by one person isn't a bad record. If anyone in IRCA would like to do better (or even half as well), contact Phil Bytheway, 9705 Mary Avenue NW, Seattle, WA 98117. He'll send you some information on how you can set up tests with stations that may otherwise be difficult to receive.

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**TAPESPONDERS WANTED:**  
 Brian Withers, PO Box 871, Hamilton 2000, New Zealand, would like to exchange tapes (cassette or reel/reel) of AM or FM stations in the US or Canada with copies of recordings from his collection of 600 stns ins from all over the world.

**SUNSHINE COAST RADIO**



**4NA**

**828 on the dial**

## BROADCASTING INFORMATION

Greg Monti, 1301 S. Cleveland St. #356, Arlington, VA 22204-4848  
prepared 23 September 1986

call	kHz	day/night	st	city
WEIZ	540	5000/5000	GA	Columbus granted WDAK
WIS	560	5000/5000	SC	Columbia wants WVOC
KFRC	610	5000/5000	CA	San Francisco call changes to KMMG and KMMS set aside at station request. KFRC remains assigned
WGNZ	650	10000/	FL	Titusville requests extension of time to construct
appl	650	20000/1000	OR	Eugene (reapplies with lower day power)
KLDY	680	250/	WA	Lacey appl for 670 kHz and 250/1000 returned
appl	700	5000/	AL	Dothan
WWII	720	5000/	PA	Shiremanstown wants 2000/
WSBR	740	2500/500	FL	Boca Raton granted 2500/940
WGSF	740	500/	VA	Williamsburg granted WMEG
WNDZ	750	2500/	IN	Portage granted extension of time to construct new station to 11/14/86
KMGF	750	1000/10000	MN	LaCrescent wants to reinstate expired CP
KBCB	760	1000/	KS	Overland Park application for 6000/ returned
WJMM	770	1000	KY	Nicholasville wants extension of time to construct
new	770	230/230	NM	Santa Fe granted construction permit, to operate synchronously with KOB 770 Albuquerque
WJKB	780	5000/1000	FL	Siesta Key wants expired CP for new sta reinstated
KJMD	800	500/	TX	Laneville granted extension of time to construct 'til 2/9/87
appl	830	1000/1000	CA	San Marcos (reapplies)
WACN	830	250/	KY	Franklin requests extension of time to construct
appl	830	250/250	TX	Cibolo (competes with existing application)
WVOZ	870	5000/5000	PR	San Juan granted 10000/10000 (this may have appeared on 970 kHz in a previous column, in error)
WPRQ	870	?	TN	Colonial Heights granted 10000/
KFJZ	870	1000/	TX	Fort Worth wants 500/
WEEG	880	5000/	GA	Jefferson granted WBKZ
new	890	250/250	PR	Cieba granted construction permit
KVOZ	890	10000/1000	TX	Laredo granted extension of time to move here from 1490 kHz 'til 7/1/87
appl	910	/3000	CA	Antioch sources conflict on whether this KNEW 910 repeater is 3000/3000 fulltime or nighttime-only; Starr NRC says night only, <u>Broadcasting</u> implies night only, M Street Journal says only "3000 watts"
KNSA	930	2500/2500	AK	Unalakleet wants expired CP reinstated
WBYG	930	710/2200	IL	Sandwich wants 1450/1450
KAJR	930	5000/500	WA	Union Gap granted KZTA; granted extension of time to construct new night rig and move here from Yakima 'til 3/18/87
KSWM	940	500/	MO	Aurora granted Republic MO and 5000/5000
new	970	5000/5000	HI	Waimea granted KJRI ("Janus Radio" owner)
KBLS	990	1000/500	CA	Santa Barbara wants 5000/500
appl	1000	5000/	ID	Eagle
WCNL	1010	250/	NH	Newport wants 1020 kHz and 6500/
KRKX	1010	250/	OR	Milwaukie granted 4500/
new	1020	3600/	MI	Mount Pleasant granted WPRJ
WPJC	1020	1000/1000/	PR	Adjuntas requests extension of time to construct
WHRD	1030	10000/250	TN	White Bluff granted WBDX
WBEB	1040	500/	KY	Athens application to reinstate expired CP denied
KOFY	1050	1000/	CA	San Mateo wants 1000/500
KNXX	1050	1000/	NM	Los Ranchos de Albuquerque granted replacement of expired CP
KHJK	1060	250/	TX	Lockhart wants 4400/
WKII	1090	5000/2500	FL	Port Charlotte granted 4800/2500
WUBS	1100	???	IL	Harrisburg appl for extension of time to construct new station dismissed
appl	1100	10000/580	TX	Hudson
new	1120	1000/	FL	Destin granted construction permit (competing application dismissed)
new	1120	1000/	MS	Petal granted WLJH ("Louis J. Harding" co-owner)
WNYS	1120	1000/	NY	Buffalo granted WHTT
KANN	1120	10000/1000	UT	Roy requests extension of time to move here from 1090 kHz at Ogden UT
WOIZ	1130	250/	PR	Guyanilla wants extension of time to construct

WHHQ	1130	1000/500	SC Hilton Head granted WHHR
WMTG	1150	1000/500	MD Gaitheraburg wants WMET
new	1160	50000/500	FL Callahan granted construction permit
appl	1160	10000/400	GA East Point (reapplies)
appl	1170	5000/	DE Laurel (reapplies on new frequency)
new	1170	1000/	FL Bushnell granted construction permit
new	1170	2500/	FL Saint Augustine Beach granted construction permit (still has ungranted appl for reduction to 649/)
WCXN	1170	5000/	NC Claremont this is correct, is daytime; 1000 watts previously listed as night power is critical hours power (Starr NRC); wants 7700/
new	1180	50000/1000	CA Placerville wants KTLN
WKKE	1180	50000/5000	MS Pearl granted WJMT
appl	1180	1000/500	NM Roswell
appl	1200	500/	MS Pembroke
new	1210	10000/5000	CA Rocklin granted KFRP
WADE	1210	1000/	NC Wadesboro wants 1340 kHz and 500/1000
KOFO	1220	250/	KS Ottowa call change to KFRG set aside, KOFO remains
KGFJ	1230	1000/1000	CA Los Angeles formerly operated 1000/100 on nights when KPCC 1240 Pasadena CA was on, granted 1000/1000 all nights
KYTY	1230	1000/250	MT Hardin granted KBSR
appl	1230	600/600	TX Houston experimental repeater synchronous with KNUZ 1230 Houston; i.e., station is applying for a second transmitter site on the same frequency on the west side of Houston
WMPA	1240	770/770	MS Aberdeen granted WZZD
new	1260	2100/	MS Ellenville granted WEMK
appl	1260	5000/5000	NY Syracuse application dismissed (competed with WNDR)
WDVL	1270	500/	NJ Vineland granted WFHM
KREL	1280	5000/	NV Henderson wants Winchester NV, 1290kHz, 5000/5000
WPVA	1290	5000/	VA Colonial Heights granted WHUM
appl	1310	500/500	MA Dudley experimental repeater to operate synchro- nously with WORC 1310 Worcester MA
WGSP	1310	1000/	NC Charlotte granted 1000/1600
WXNC	1310	1000/	NJ Parsippany wants 1000/360
KNNC	1320	500/500	CA Oceanside granted KGNB
KUNN	1350	1000/	CA Bakersfield granted KLYD
WNLK	1350	1000/500	CT Norwalk wants 2500/500
WNRI	1380	1000/	RI Woonsocket wants 2500/
WMGI	1390	5000/	FL Gainesville granted WDVH
KKOA	1390	5000/1000	ND Minot granted KRRZ
KRE	1400	1000/1000	CA Berkeley granted KBLX
WLRQ	1430	5000/1000	TN Madison granted WNKZ
KYKN	1430	5000/5000	OR Keizer granted extension of time to construct new night rig and move here from Salem 'til 3/18/87
WGTR	1440	5000/1000	FL Lehigh Acres granted WOOJ
WMER	1440	5000/5000	ME Westbrook granted WWTG
KMOB	1450	1000/1000	UT Moab wants KCNY
KQTE	1460	1000/	CA Santa Rosa granted KWFV
WDYX	1460	5000/	GA Buford granted WJYA
KNTS	1510	10000/	AZ Mesa granted KJAA
KTRO	1520	50000/1000	CA Port Hueneme wants 10000/1000
WCMG	1520	500/	TN Lawrenceburg wants 910 kHz
appl	1520	500/	TX Cypress application returned
KTCR	1530	1000/	OK Wagoner wants 5000/
KNFO	1540	10000/10000	CA Sequel granted KNZS
appl	1560	10000/	NY Webster
WGAB	1550	5000/2500	CT Bloomfield wants 5000/2400
WBUZ	1570	250/	NY Fredonia renewal of license denied in initial decision by FCC administrative law judge; pending appeals this station could lose its license and go off the air (no applications for replacements have been filed yet)
WAMJ	1580	1000/	IN South Bend application for 1000/500 returned
WASY	1590	5000/2500	ME Gorham granted WJBQ
WPLW	1590	1000/	PA Carnegie wants 5000/ (reapplies)
appl	1590	500/	WI Biron application dismissed in Nekoosa WI grant
new	1590	500/	WI Nekoosa granted construction permit
KNWA	1600	500/	AR Bellefonte granted 5000/
WCKZ	1600	5000/	GA Austell granted WAOS

KGWB 1600 5000/

ID Priest River granted KZUN (this shown incorrectly in the August column as having old call WGWB and as still being in West Richland WA; CP for move to Priest River has been approved)

WSTL 1600 500/  
new 1600 1800/620  
appl ???? ???

KY Eminence wants WKXF  
NY Genesee granted construction permit  
MI Berrien Springs application dismissed

FIRST OF THE NEW SYNCHRONOUS TRANSMITTERS ON THE AIR: KROL 870 Laughlin NV, a new AM station using 10000/1000 watts, along with its synchronous repeater on the same frequency at East Las Vegas with 300/500 watts, is now on the air. The two transmitters have overlapping coverage areas and broadcast the same programming - and the same station ID's - at all times. Unless a special equipment test is performed with only one of the transmitters turned on - and identified as such - DXers will be unable to tell which transmitter they are hearing. To my knowledge, they are both called KROL. (Monti)

The long-awaited US-Mexican AM Treaty has finally been signed. Effective immediately, 320 US daytimers operating on Mexican clear channels (540, 730, 800, 900, 1050, 1220 and 1570 kHz) are authorized as fulltimers. Another 2000 daytimers whose post-sunset time had been limited to 1800 local time are now authorized to operate up to 2 hours after local sunset. They could sign off as late as 2230 local time in summer. Nighttime transmitter powers have not been made public but are 500 watts or less. Mexican daytimers may also operate on the 25 US clear channels at night but must not interfere with the 10-percent-of-the-time skywave signal of the US station. (BC)

AM AUDIO QUALITY UPDATE: The National Radio Systems Committee, a cooperative effort of the National Association of Broadcasters and the Electronic Industries Association, has proposed a standard for AM transmitters and receivers. The proposed voluntary standard is an effort to improve received AM audio quality for the consumer while holding down first- and second-adjacent channel interference between AM stations. The main problem is that AM stations are 10 kHz apart in different cities, can be as close as 20 kHz apart in the same metropolitan area, but are each allowed to occupy 30 kHz of radio frequency bandwidth under existing FCC rules. The proposal calls for limiting the audio frequency input to all AM transmitters in the US to 10 kHz, for the use of 75-microsecond pre-emphasis (turning up the treble audio frequencies) at each transmitter and for the manufacturing and marketing of a standard AM receiver with good audio bandwidth out to 8 or 9 kHz, a "whistle stop" notch at 10 kHz and complimentary 75-microsecond de-emphasis. All this processing would be in addition to, not instead of, any audio processing the AM station might do to keep its average modulation high. A demonstration was recently done in Washington in which WWRC 960 was intentionally interfered with by a low-power test transmitter in a laboratory, set up to be 20 kHz away from WWRC. On a wideband AM receiver (a Sony SRF-A100) the interference from the test "station" was obvious while the test station used full 15 kHz audio bandwidth. When the NRSC-standard processing was applied to the test transmitter, the interference into WWRC was significantly reduced. More tests need to be done after an NRSC-standard AM receiver is built. (None are yet available.) The NRSC hopes that all AM stations and receiver manufacturers can be convinced to use their voluntary standard to help improve the plight of AM stations who are losing listeners to FM. (Monti)

A study from the US Department of Commerce suggests that very few people listen to clear channel AM stations outside their groundwave coverage areas. In rural eastern North Carolina, where surveys were taken, only 1.3% of those questioned listened to AM stations more than 100 miles away. FM stations, some of which are more than 100 miles away, were preferred. Over reasonably flat terrain, a Class C (100,000-watt) FM has a listenable coverage area larger than that of a 50,000-watt nondirectional AM. (MSJ and Monti)

The FCC's Mass Media Bureau has proposed that RKO General might be able to sell its way out of its license challenge problems. It was suggested that RKO might be unfit to be a Commission licensee several years ago when international kickbacks were exposed and the FCC allowed challenges by competing applicants for all of RKO's radio and television properties. Many dozens of competing applications were filed. The Bureau has said that it will act as a mediator and will in effect allow an out-of-court settlement between RKO and any combination of the competing applicants. For each RKO station, one or more of the applicants could settle their differences with each other (possibly including a cash payment

to dismiss an application) and then buy out RKO's interest in the station. This would leave RKO with a lot more cash than it would likely ever see if it were stripped of its licenses during a comparative hearing before the FCC. It has been hinted that the FCC will not allow RKO to sell its Los Angeles and New York television stations (and reap the profits) until all other license challenges are settled. This gives RKO a definite incentive to negotiate. AM stations that might change hands in the next year or two as a result of this include WRKO 680 MA, WOR 710 NY, WGMS 570 MD, KRTH 930 CA, KFRC 610 CA and WHBQ 560 TN. (BC and Monti)

Except as noted from the 25 Aug and 1, 8, 15 and 22 Sep issues of Broadcasting and from the 25 Aug and 2, 8 and 15 Sep issues of The Street Journal.

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**RADIO PROGRAMMING NOTES:**

call	kHz	at city	
KBEY	630	OR Coquille	now SMN adult contemporary, was country
WLPF	730	FL Lake Placid	new station will be adult contemporary
WARY	790	KY Louisville	now automated easy listening, was rock oldies
KWDF	840	LA Ball	new station is religious
WAIT	850	IL Crystal Lake	now country, was easy listening/adult standards
KSKO	870	AK McGrath	drops National Public Radio net as of 10/1 (BC)
KROL	870	NV Laughlin	new station is rock oldies-contemporary hits mix
WXAM	910	LA Baton Rouge	now SMN black oldies, was adult standards
KRIO	910	TX McAllen	now Spanish religious, was English contemporary hits
KQEU	920	WA Olympia	now adult contemporary, was contemporary hits, still "KQ 92" (Bill Hardy WA)
WWST	960	OH Wooster	now religious, was variety format
WLUS	980	FL Gainesville	now adult standards "US 98," was country as WDVH
WFXB	980	FL Gulf Breeze	now SMN black oldies, was adult contemporary
WMAK	980	KY London	now rock oldies, was silent
WERK	990	IN Muncie	will be religious upon sale, was adult contemporary
WCKW	1010	LA Garyville	now adult contemporary, was country/religious as WKGT
WINS	1010	NY New York	has added a 10-minute "radio address" by New York City Mayor Ed Koch, Saturdays at 0910 ET, opponents' response at 1110 ET (BC)
WONS	1030	KY Pleasure Ridge Park	new station will be religious
WQWH	1050	MI Kaukauna	now Transtar rock oldies, was contemp hits as WKAU
WHTT	1120	NY Buffalo	now album rock oldies, was contemporary hits as WNYC
WAVS	1170	FL Davie	now silent (again), was Spanish
WWLD	1190	FL Pine Castle	now adult standards, was tourist information
WXGR	1190	MS Bay Saint Louis	now rock oldies, was religious
WNHX	1230	NH Berlin	now silent (again), was rock oldies
WCOL	1230	OH Columbus	now adult standards, was talk
KPOD	1240	CA Crescent City	now adult contemporary, was country
KDIG	1240	CA San Bernardino	now religious, was satellite country
WSPR	1270	MA Springfield	now news-talk, was satellite adult contemporary
KXXZ	1270	NM Alamogordo	now country, was contemporary hits as KINN
KSNE	1280	MN Minneapolis	now adult standards, was all-weather as WWTC
CJME	1300	SK Regina	now adult contemporary/oldies, was contemp hits
WRKT	1300	FL Cocoa Beach	now rock oldies, was country
WIBR	1300	LA Baton Rouge	now rock oldies, was easy listening
KHUG	1300	OR Phoenix	now silent, was country
CILW	1310	AB Grand Centre	new station is country "Radio LW"
KGMG	1320	CA Oceanside	now adult contemp (FM simulcast), was news-talk KNNC
KRGL	1360	OR Myrtle Creek	now silent, was country as KROR (Bill Hardy WA)
KGEN	1370	CA Tulare	now Spanish, was adult standards
KSLM	1390	OR Salem	now rock oldies, was adult contemporary
KBGG	1400	OR Cave Junction	now adult standards (Music of Your Life), was adult contemporary (Bill Hardy WA)
KITZ	1400	WA Silverdale	now silent pending move here from Tacoma, was adult standards (Bill Hardy WA)
WMYR	1410	FL Fort Myers	now country, was adult contemporary
KYNG	1420	OR Coos Bay	now adult contemporary, was easy listening
WFBA	1430	FL Homestead	now silent pending sale, was country
KDIF	1440	CA Riverside	now Spanish, was silent as KPRO
WWGT	1440	ME Westbrook	now adult contemporary (simulcasting FM) mornings, talk other times, was news-talk as WMER
WRRO	1440	OH Warren	now rock oldies, was adult contemporary
WMAJ	1450	PA State College	now rock oldies, was adult contemporary
KEYY	1450	UT Provo	will be religious upon sale, was adult contemporary
WCMB	1460	PA Harrisburg	now Transtar rock oldies, was local rock oldies
WABB	1480	AL Mobile	now SMN black oldies, was adult contemporary

KRRR 1480 ID Gooding now adult contemporary, was country as KIDI  
 KFXN 1490 AZ Tucson now black contemporary hits "Power 1450," was religious  
 as KFLT  
 KBZY 1490 OR Salem now adult contemporary days, talk nights, was all AC  
 KGHO 1490 WA Hoquiam may change to contemporary Christian (simulcasting  
 FM), still SMN satellite adult standards for now (Bill Hardy WA)  
 WMRE 1510 MA Boston now talk (local), was adult standards  
 WKIZ 1500 FL Key West now adult contemporary/contemporary hits mix, was  
 adult contemporary/adult standards mix  
 KXXR 1550 WA Opportunity now silent, was adult standards  
 WAIK 1590 IL Galesburg now rock oldies, was adult contemporary  
 KKAY 1590 LA White Castle now black, was adult contemporary  
 WZRX 1590 MS Jackson now SMN "Z-Rock" album rock, was adult standards WYHT  
 KDAE 1590 TX Sinton now SMN black oldies, was adult standards  
 WIXK 1590 WI New Richmond now modern country, was adult contemporary  
 KMNy 1600 CA Pomona now business news & financial talk "K-money," was rock  
 oldies as KWOW  
 KTMP 1600 CA Santa Maria now rock oldies, was Spanish as KZON  
 WSNX 1600 MI Muskegon now silent (again), was rock oldies  
 CKNM ??? NW Yellowknife new station will have variety format

**Networks:** American Public Radio has begun US distribution of the  
 entire 24 hours of daily BBC World Service programming. It is expected to  
 be carried mainly on public radio stations. Quality will be significantly  
 better than on shortwave broadcast. (APR and Monti) CBS RadioRadio will  
 begin feeding a package of 75 comedy bits per month to its affiliates  
 beginning in October. They'll be called "Laff Trax" and will include  
 material from both classic and modern comics. (BC) The Satellite Music  
 Network has debuted its seventh full-format satellite network, "Z-Rock,"  
 featuring heavy-metal album oriented rock sounds geared to 12-to-24-year-  
 old listeners. (BC) The Transtar full-format networks should add some CNN  
 Radio programming to their schedules this fall. (BC) New to United  
 Stations this fall will be "Rock Watch: A Countdown to Ecstasy with  
 Oedipus," an album rock countdown show and "Motor City Beat," specializing  
 in Detroit-based artists. (BC) Charlie Tuna is the new host of Westwood  
 One's "National Music Survey," replacing Bill Saint James and Mike Love.  
 (BC) The owners of WNWK 105.9 Newark NJ, a multi-ethnic-formatted station  
 have plans to launch a new satellite network programmed similarly to their  
 station. Programs would be in Greek, French, Italian and Spanish, plus  
 reggae music. They hope to market the services to stations in the US,  
 Mexico and the Caribbean. (BC)

**Syndication:** The "National Comedy Wireless" is a new series of comedy  
 vignettes which parody commercials and editorials. It's partly on tape,  
 partly scripted and done live by a station air personality. (BC) "On the  
 Move Starring Tom Joyner" is a weekly urban contemporary music and  
 interview program hosted by two-city disc jockey Tom Joyner. He does  
 morning drive at KKDA-FM Dallas and afternoon drive at WGCI-FM Chicago.  
 (BC) "Harlem Hit Parade" is a new, 26-part series documenting the history  
 of rhythm and blues. (BC) "Something Special" is a weekly hour of music  
 and interviews featuring middle of the road artists, hosted by Sid Mark,  
 host of "Sounds of Sinatra." (BC)

(Programming items are from The M Street Journal except BC =  
Broadcasting)

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**RECENTLY ANNOUNCED (and not yet approved) STATION SALES:**

WETC 540 NC, KNNN 550 KS, WIS 560 SC, KSKD 600 CA, WBDN 600 MI. WAES 610  
 NC, KSKY 660 TX, KBET 690 TX, WDOS 730 NY, WQSF 740 VA, KAMA 750 TX, WACN  
 830 KY, KLCY 930 MT, KOOL 960 AZ, WWWW 1010 NC, KYXE 1020 WA, WBZW 1040 TN,  
 KCCA 1050 MT, WCII 1080 KY, KFAB 1110 NE, KLCO 1220 MO, WRIB 1220 RI, WFVL  
 1220 TN, KATO 1230 AZ, KGFJ 1230 CA, WGGG 1230 FL, WFOM 1230 GA, WNEB 1230  
 MA, WCOL 1230 OH, KSEY 1230 TX, WTIP 1240 WV, WADD 1280 NY, WAVZ 1300 CT,  
 WOOD 1300 MI, KOZY 1320 MN, KMAK 1340 CA, WGAA 1340 GA, WIZE 1340 OH, WBLB  
 1340 VA, WBCE 1340 WI, WKAT 1360 FL, KWAS 1360 TX, WSPD 1370 OH, KGLD 1380  
 IL, WWHG 1380 NC, KBOP 1380 TX, KSLM 1390 OR, WTJS 1390 TN, WRJN 1400 WI,  
 WEST 1400 PA, WING 1410 OH, KAMP 1430 CA, KBRK 1430 SD, WBGA 1440 GA, KJWH  
 140 AR, KWBE 1450 NE, KATJ 1450 UT, KEYY 1450 UT, WAKS 1460 NC, WKXC 1470  
 MS, WRNB 1490 NC, WDLG 1490 NY, WPEX 1490 VA, KENE 1490 WA, WKRP 1500 GA,  
 WVOI 1520 OH, WCSJ 1550 IL, KRKY 1550 KS, WTNS 1560 OH, KPCC 1580 AR, KEND  
 1590 TX.

Dismissed station sales: KLVI 560 TX, WYNK 1380 LA.

# CENTRAL DX ROUNDUP

Robert Kramer  
6416 N. Richmond  
Chicago, IL 60645

## UNID, SPECIAL, CHANGES, et. al.

- 530 TIS ON FORT FRANCES, 9/27 traveller's information for those crossing into ON from International Falls, MN. Loop tape giving info on Ontario's speed limits, Canadian exchange rate, etc- essentially the same tape that plays on 1150 at Sarnia; poor days, listed as 50 watts. WOLF-MB
- 610 KZSS NM ALBUQUERQUE, 9/24 0400 strong w/rck, new call, IDs as "Albuquerque's New Star, 610-AM". JCJ-MT
- UNID 9/27 2137 somebody surfaced above KADL w/"Hitchin' A Ride" by (Canadian artist) Michel Pagliaro; poor, this was on north-south beverage. WOLF-MB (Sounds like CHTM, ed.)
- UNID 9/28 0535 faded above CKTB w/"Hand Me Down World" by the Guess Who (also a Canadian artist), fair briefly. WOLF-MB (Again sounds like what I heard when I got CHTM a few years back, ed.)
- 640 CPOB ON FORT FRANCES, 9/27 2011 w/pop mx, wx & "Northwest Radio" IDs, fair-poor. WOLF, 9/28 0400-0600 carrying a satellite mx pgm originating in Toronto, "Nightcap", as were CKTB-610 & CKEF-1490 at the same time, poor to fair, ex-800. NJW-MB
- 870 KPRM? MN PARK RAPIDS, 9/26 2130 in WWL mull w/lcl H.S. football, didn't hear an ID on this one. TMJ-IL (Tom, I have seen no reports that this one is due on. Did you hear anything local, as far as mentioning Park Rapids? My guess is that you probably heard WFLO Farmville, VA, which I have noted on way past local sunset carrying U. of VA football., ed.)
- KROL NV LAUGHLIN, 9/20 0200 strong during KUUY fade, "Rebel Talk" call-in show. JCJ
- 880 CHQT AB EDMONTON, 9/30 0400 w/elevator mx, FSAs, weak mixed w/GKIQ, KRWN mull'd, new freq. ex-1110. JCJ-MT
- 1030 WBZE MD INDIAN HEAD, 10/11 1830 fair w/s/off. RK-IL JJR-WI
- 1210 WSEI TN STATIC, in poor w/mx, promo & school mx o/WILY, "WSEI AM 1210". 9/30 0710-//
- 1230 KESR MT HARDIN, 9/18 now using new calls, ID as "Big Sky Radio", C&W. JCJ-MT
- 1490 UNID 9/28 0802 some sort of concert pgm w/ancr ment. Roy Thompson Hall in Toronto, before the pgm began, the ancr said "From 102, the Spirit..."; fair briefly then gone, the slogan makes me think of CFNY-FM 102 in Toronto, who call themselves "The Spirit of Radio"; but who would be relaying a pgm of theirs, if it was them? CKEF would be // CPOB & CFFS would be // CPOS. WOLF-MB
- All da Rest
- 530 CJFT ON FORT ERIE, 9/28 0038 w/lcl spots & T40/CHR, noted // CJRN later, poor-fair w/CFM from the TIS. WOLF-MB
- 560 CPOS ON OWEN SOUND, 10/6 0104 poor w/sports, wx, religion, s/off. //CFFS-1490. RK-IL
- 570 WMMI MS BILOXI, 9/13 2240 during aurora o/WKXX w/C&W mx, IDs as "570 Country". TMJ-IL
- 590 KLEJ TX AUSTIN, 9/29 0718 all alone w/IDs, lcl spot, traffic rpt. TMJ-IL
- 600 KSJB ND JAMESTOWN, 10/1 2320 o/WMT, female DJ, wx, C&W mx. TMJ-IL
- CFCH ON NORTH BAY, 9/28 0632 mx, ID by man, more adcon, poor w/KSJB. WOLF-MB
- 610 CKTB ON ST. CATHERINES, 9/28 0538 w/satellite "Nightcap" mx pgm, Oh Canada & ID at 0600, fair o/KDAL & others. WOLF-MB
- 690 CBKF SK CHAVELBOURG, 9/9 1030 weak w/FF tlk pgm. JCJ-MB WOLF-MB
- 710 CHYR ON LEAMINGTON, 9/27 2116 w/mx, lcl spots & ID "CHYR Radio 7 Canada", fair o/WDSM/
- 730 CKLG BC VANCOUVER, 9/28 "1G-73", w/rck mx 0747, contest promo, fair-good in CKIM OC. WOLF-MB
- 760 KGU HI HONOULULU, 9/28 0827-0846 w/phone in pgm, TC, ID & promo, poor & alone after CKQR faded out. WOLF-MB
- 770 KATL MT MILES CITY, 10/1 2340 good o/WABC w/WBEM slop RR mx, ID. TMJ-IL
- 900 WGOR TN LEBANON, in fair w/nx, wx, ID & jingle, all alone. C&W mx 9/30 0706. JJR-WI
- WATK WI ANTIGO, 9/27 2152 C&W, lcl spot, ID "24 hours a day: WATK Antigo", poor w/CHML & CKDR. WOLF-MB
- 910 WFDF MI FILINT, 9/27 2138 w/ID & rck oldies, poor & alone. WOLF-MB
- KJJD SD VOLGA, 9/28 0256 C&W, 0300 s/off by YL, fair w/GKIQ. WOLF-MB
- 920 CKCY ON SAULT STE MARIE, 9/28 0521 oldie, lcl spot, ID, poor w/WOKY in CFNY OC. WOLF
- 930 CJCA AB EDMONTON, 9/15 0100 lcl mx by man, ID "The information station, 930-CJCA, I'm Gordon Ross", pop mx, good. NJW-MB
- KSEI ID POCATELLO, 9/25 0720 atop w/TC, PSA, birthdays, adcon, good o/CJCA. NJW-MB
- 970 WKLS CA ATLANTA, 9/27 2015 very good w/"96 Rock" IDs, RR mx, lcl spot. Dropped out of sight at 2055 (late pattern change). TMJ-IL (Tom, this station is daytime only, probably forgot to shut off xmtr, ed.)
- 1020 KBCQ NM ROSWELL, 9/25 0714 C&W, ID "The Best in the West- AM 1020 KBCQ Roswell", fair w/KTN4. NJW-MB
- 1060 KNLV NE ORD, 9/31(?) 0700 s/on, good, KYW & WHFB weak, w/NA, into nx, wx & sports. TMJ-IL

1070 CHOK ON SARNIA, 9/22 2114 lcl spot, ID "Your major league station CHOK", Blue Jays baseball, poor u/WTSO. NJW-MB

1200 WAGE VA LEBESBURG, 10/11 1828 fair in WJJD slop w/rck mx & ID. RK-IL  
 CKDA BC VICTORIA, 9/6 0400 weak u/WOAI w/rck mx, ex-1220. J CJ-MT  
 CFIG ON OTTAWA, 10/1 0245 good o/WOAI w/"AM 1200" slogan, RR mx, wx. TMJ-IL

1210 KLDI WY LARAMIE, 9/15 0207 oldie, 0210 OC, 0212 s/off ancst, poor-fair. NJW-MB

1230 KTRF MN THIEF RIVER FALLS, 9/13 2114 w/Minnesota football, spots, fair. NJW-MB  
 CJBZ ON THUNDER BAY, 9/28 0500 Broadcast News, lcl nx, ID & mx, fair. WOLF-MB

1240 KLTZ IA OTTUMWA, up o/mess w/Big Band show & stn promo, poor 10/3 0025. JJR-WI  
 KLTZ MT GLASGOW, 9/28 0127 oldie, ID by man, poor o/mess. WOLF-MB TMJ-IL

1260 WNDR NY SYRACUSE, 9/9 0549 poor o/WNDE w/NorthEast Farm Report, verified by phone//  
 1270 WCHQ MI CHARLEVOIX, 9/28 0436 w/rck mx, ID "This is 106-KHQ", fair w/CHAT & WHBF.WOLF  
 1280 KBBQ CO DENVER, 9/28 0321 C&W, TC, ID & spot, fair. WOLF-MB

1320 CHQM BC VANCOUVER, 9/21 0800 BFL mx, ID "The Good Music Station: CHQM, QM-FM/JCJ-MT  
 Vancouver", fair w/KHRT. NJW-MB, 9/25 0900 w/CHQM mx, elevator mx, o/KBUG//

1340 KDEN CO DENVER, 9/28 0456 "KDEN covers the world" ID by man during nx, surfaced  
 again at 0520 w/wx, poor. WOLF-MB

KPOK ND BOWMAN, 9/21 0741 sports promo for Bowman Bulldogs football, ID, oldie,  
 fair. NJW-MB

KTOQ SD RAPID CITY, 9/28 0405 wx, ID "a million dollar weekend on 13-40 KTOQ, Q  
 country", C&W mx, fair briefly. WOLF-MB WOLF-MB

CIBQ AB BROOKS, 9/28 0704 w/C&W mx, female anc& numerous "Q-91" IDs, //CKDA-910//

1400 KDRG MT DEER LODGE, 9/28 0700 ID "This is 14, KDRG, Deer Lodge", net nx, fair. WOLF  
 KODI WY CODY, 9/28 0704 fade in w/wx, ID, rck mx, poor. WOLF-MB

1410 KCOL CO FORT COLLINS, 9/22 0031 w/promo for KCOL bumper stickers & Paul Harvey nx,  
 C&W mx, poor w/CFUN & WIZA. NJW-MB

1420 CJVR SK MELBORT, 9/7 2300 weak w/KUJ w/C&W mx. J CJ-MT

1430 KLO UT SALT LAKE CITY, 9/21 0822 promo for Western College football, ID pop mx,  
 fair. NJW-MB

1440 WRPZ KY PARIS, 10/2 0600 good w/s/on. RK-IL

1450 KVCK MT WOLF POINT, 9/22 0017 w/C&W, ID "You are tuned to 1450 on your AM dial", PSA,  
 Jingle, more C&W, good o/mess. NJW-MB NJW-MB

1460 KLTC ND DICKINSON, 9/22 0006 YL said goodnight, SSB, 0009 taped s/off, good o/CJMH//

1490 KOVC ND VALLEY CITY, 9/21 2109 C&W mx, numerous IDs as "Country Gold 1490", 2120  
 ID & lcl spot. NJW-MB

CKEF ON EAR FALLS, 9/28 0532 //CFOB-640 w/"Nightcap" pgn, fair & dominating 1490  
 for at least 20 minutes. WOLF-MB

1590 KMTI UT MANTI, 9/25 0756 s/on by CM, IDs as "Radio 16" into C&W, fair w/KCNN. NJW-MB

1600 CHNR ON SINCOE, 9/22 2046 pop oldies, ID by CM, fair w/KCRG. NJW-MB.

DX SEASON RETURNS !!!

JCJ... John G. Johnson 979 Neptune Blvd. Billings, MT 59105-2129

(R-71A, Radio West Loop)

TMJ... Tom Jasinski 503 Jensen Shorewood, IL

{PRG-7, 2 1/2" loop}

RK... Somebody or other

(R-1000, HQ-129X, Radio West Loop, Kowalski Loop)

JJR... John Rieger 801 Sherman Ave. South Milwaukee, WI 53172

(RF-2900, R-1000, Radio West Loop, Kowalski Loop)

NJW... Niel Wolfish 867 Wicklow St. Winnipeg, MB R3T 0H9

(ICF-2010, Superadio, LW)

WOLF.. Niel Wolfish at the UMXC DXpedition to Lewis, MB

(R-7, R-70, 2 ICF-2010's, ICF-2002, beverages, Heath Bar & Swedish Berries)

Those of you who disagree with me about what should be included in Round-Up sections should take a look at what Niel Wolfish reported on his DXpedition, and compare it to some of the things that have been sent in by others, both at home & on the road. There were no 50kwers or groundwave loggings, or easy stations in his report. What I talked about in my resignation has continued. Some examples of what I am talking about include, loggings of KDKA & KYW by Pennsylvania DXers, 2 reports by the same person of WHAM in the same issue, both from Pennsylvania, loggings from Pennsylvania of nearly every eastern clear channel station, a vacation logging of KUSA-550 St. Louis from Missouri, etc. The purpose of the Round-Up sections is to list DX catches, not record every station that is heard everytime someone turns on a radio. There are a few DXers that it is apparent report everything that they ID, whether or not it is of note. Round-Up sections should include new loggings & unusual loggings. DXers on vacation should ask themselves whether or not what they are hearing is really unusual. Vacation DX should not be what is essentially a bandscan. If you want to report everything you hear, I suggest that you do what Bruce Fortser did, write of your DX travels in an article. Don't clutter up, and bury good DX catches, the Round-Up Sections with loggings of little value. Remember, the column names are DX Round-Up, not Station Round-Up.





# WESTERN DX ROUNDUP

2301 PACIFIC AVE., ABERDEEN WA 98520

Phone for hot WDXR tips: (206)532-6827 7-9pm(PLT)

DEADLINES: Tues. 11/4, Mon. 11/10, Tues. 11/18, Tues. 11/25, Tues. 12/2

REPORTERS FOR THIS ISSUE:

- (BB) Bill Block-9307 S.E. Clay St.-Portland, OR 97216  
R-390A, Radio West loop
- (GL) Gary Larson-DX'ing in Tujunga, CA
- (bp) Bruce Portzer-6546 19th Ave. NE-Seattle, WA 98115
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118  
GE Superadio, GE long-range portable, SM-2

\*\*\*\*\*  
OF SPECIAL INTEREST:

- 540 KSHO CA, Hesperia per call to KSHO, hope to come on the air Nov. 1 with a jazz format. (RW-CA)
- 1050 KELE WA, Seattle 10/3 2300 noted on with Christian music. Newspaper says they're now on until midnight (ex-daytimer). (bp-WA)
- 1220 KCCS OR, Salem 10/4 0001 fair in CJOC null with Christian rock music, local ads, ID. (bp-WA)
- 1350 KLYD CA, Bakersfield 10/6 1023 call change, ex-KUNN. Logged o/u KCKC with KSR0 nulled. Local PSA, "Clyde Country" slogan. Still C&W. (RW-CA)
- 1420 KRIZ WA, Renton don't know if anyone mentioned it, but KRIZ has been fulltime for several months. Badly QRM'd at 15 miles by KITI & sometimes KUJ. Black format. (bp-WA)
- 1540 KNZS CA, Aptos-Capitola 10/6 0830 call change, ex-KMPO logged with Jim Bohannon show. "K-News satellite weather outlook," ID "K-News time is 5:30, this is KNZS, Aptos-Capitola." Poor signal in KSKQ null, KLSY in background. Bad signal at night here. (RW)
- \*\*\*\*\*
- 530 (TIS) CA, Burbank all night 10/6 airport station noted off. (GL-CA)
- 1030 KBUF KS, Garden City 10/6 0846 bombing in over both KHMY & KTWO with Kansas farm report, several local spots, ID "KBUF Skywatch Radar Weather..." (RW-CA)
- 1060 \*KPAY\* CA, Chico 10/6 0457 noted with TT. (RW-CA)
- 1100 \*KFAX\* CA, San Francisco 10/6 0425 off on rare SP with TT. (RW-CA)
- 1200 WOAI TX, San Antonio 10/4 0730 news, ads, ID. Fair under CKDA. First time heard since semi-local CKDA moved here. (bp-WA)
- 1260 KWEI ID, Weiser 10/6 0821 strong with Idaho state agribusiness news, ID "Here on 1260 AM, KWEI and 99 FM" (FM on 99.3). Good in KOIT null. (RW-CA)
- 1340 KWVR OR, Enterprise 10/6 2223-2225 after 22 years of DXing I heard my most-wanted station with ID "This is KWVR Enterprise, the best in country music of yesterday and today." (BB-OR)
- 1590 KSRN NV, Sun Valley 10/8 1005 fair in KJET null with UPI news, then local news. (bp-WA)
- 1600 KWOW CA, Pomona 10/6 0527 as of this date/time still using KWOW call. "Magic oldies 16, K-Wow where you get the oldies" heard. (GL-CA) (According to NRC, call change to KMNY has been set aside and will never be used.--NH)

I'm not sure where all our reports are this week. Yesterday was a postal holiday (Oct. 13) so perhaps the post office wanted to keep them another day, hi. On the other hand, maybe next week we'll have a gigantic WDXR! ♡

# DX Worldwide - West



**PAT MARTIN**  
**P.O. BOX 843**  
**SEASIDE, OR 97138**

**Time: UTC phone (503) 861-3185**

DEADLINES: 10/21, 10/28, 11/4, 11/11

DX this week has been somewhat slow with only a few tips. Info from Chuck Boehnke-Hawaii: 2G0-1323-Gosford, NSW (Australia) is now on 801 KHZ! Iran has moved from 1116 KHZ to 1121 KHZ!. KAHU-1060-1KW-Hilo is due to start testing w/ 1KW. Tower is set up, and boy is it a beauty! KLEI and KWAJ are both for sale and price is dropping. Thx for the info. On with the short show!

## TRANS-PACIFIC DX ROUNDUP

- 531 AUSTRALIA, Kempsey-2MC good with Pop mx and IDs at 0923 10/12 (PM-Or)  
549 U.S.S.R., man in RR here in passing at 1126 10/13. (PM-OR)  
585 U.S.S.R., Svobodnyy-10/7 w/Radio Moscow IS at 1400 at fair level  
class. mx circa 1430 UTC, but nothing good enough to warrant a  
report. (RHM-Wa)  
666 JAPAN, Osaka-JOBK 10/6 fair w/NHK pips 1400, not an overpowering  
signal by any means. (RHM-Wa)  
720 U.S.S.R., Yuzhno-Sakhalinsk 10/6 w/Radio Moscow IS thru KDWN s/on  
at 1200. Should be coming in earlier I should think. (RHM-Wa)

## THANKS TO THESE REPORTERS:

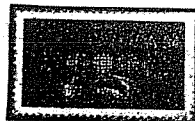
RHM-Wa ROY H. MILLAR-13714 30th Avenue, Northwest-Marysville, Wa. 98270  
DAK-3 w/700' LW FRG-7 w/300' LW  
PH-Or YER EDITOR  
SP-600JX RB0-2, (2) 1500' East Beverages, 200' NNE LW (DUs), Grounds



## KANADIAN KORNER

*Knews from the Frozen Knorth*

**JOHN OLDFIELD**  
**7135 129A Street**  
**Surrey, BC V3W 6T4**



To celebrate the CTC's 50th anniversary Canada Post will issue a 3¢ stamp showing the CTC logo in 5 different colors. These logos will be suspended over a map of Canada. Limited edition.

This is your last chance to hear EXPO Radio. Maybe try TIS or CSS. Sked. is 3am-7:30pm PM until EXPO 86 ends. These are "high" powered 400/600 watts standby xrs. of CJTM & CFWA using 570/1300 in parallel. Also note WMIS 946(?) 1610 TIS low power Expo Radio near Elaine, V.A.

- 530 ON CJFT Ft. Erie is on twinning CJRN-710 Niagara Falls  
Local agms. 50 hr./wk. Shares CJRN air etc.  
\*530 ON C... Sault Ste. Marie 21. 50w. UJ owned by Telemedia for ON Tour.  
\*530 ON C... Ft. Frances TIS 50w. UJ owned by CFCB...for ON Tourism.  
540 ON CICY Sault Ste. Marie still on 820 & appears to be not leaving now.  
\*730 ON CJNR Blind River drops all CBC as part of license requirements.  
\*740 BC CMT Creston left loves to FM. Continued on  
760 BC CHLD Burns Lake CP 500w. nights. Still on 1400. Page 18.....  
770 AB CHQR Calgary is here ex BJJ.  
780 ON CFWA Braxton now 25.74 w/1300 on 1240.  
840 BC CFWA 100 Mile House now 74.25 on 1240. 24hrs CFCB, CMT.

# EASTERN DX FORUM

RICHARD EVANS  
P.O. Box 1294  
NORTH WALES, PA 19454

Deadlines: Fridays.  
This column typed: 10/11/86.

Bill Harms, Box 961, Bad Aibling Station, APO New York, New York 09098

I am currently listening to a syndicated program called "Newsweek on Air" over AFN-1107. It originates from KRPH-AM and FM. I don't know how many stations broadcast this program, but I did hear a mention of WOR-710. Congrats to Robert Wien on winning the Ted Vasilopoulos Award. Since I've joined the club nine years ago, there have been several very prolific reporters, but Robert is "head-and-shoulders" above us all. I agree with bp that "his efforts should be an inspiration to us all". Mike Harla, we noticed the new TIS-530 at the Newark International Airport during our trip up to New York, the weekend of 8 August. Not sure how far they get out, but they were audible at the Statute of Liberty ferry landing on the N.J. side. Also when we went through the Lincoln Tunnel, we noticed that the whole AM band was rebroadcast and there was a message by a female about the traffic conditions which interrupted the station we were listening to. There was no such arrangement in the tunnel connecting Queens and Manhattan. I seem to remember something about this sometime back. Perhaps a NYC DXer can shed some light on this. Congratulations to the Hardys on their new addition. I can relate to what Bill said, becoming a parent is an awesome experience. I read with interest Nick Hall-Patch's and Gene Martin's discussion about reception of TP's around the summer equinox. JOIB-747 was heard in Utah during the middle of May, 1982 one time with good audio and a het several other times, but no reception in June. I also heard HLDA/HLAZ-1566 several times in May and once in June. (I don't remember the exact date.) and I too noted Vladistok-1476 once in June. NHP, your time frame of 1100-1130 UTC corresponds to my experience, although I've had reception to almost 1200 a few times. Gene, I am curious as to how other TP's were coming in at the time. Enuf for now. 73s from Bavaria. de WJH.

John H. Demmitt, Box A K0848, Bellefonte, Pennsylvania 16823

(A report from last June--rce) On Sunday June 15th WRSC-1390 which has been experiencing severe filter problems causing slop down as far as 1270 kHz and up as far as 1500 kHz shut down its transmitter to make an attempt to correct the situation. This was done at 0935 (EDT) and at 0943 the station returned to the air without the slop on the co-channels ...0948 when the original problem reoccured. No attempt has been made to correct the problem since. Several local stations in the area are suffering interference as a result of the slop from WRSC so I suspect they will be forced to do something to correct the situation soon. On Saturday, June 14th, WPHB-1260 kHz from Phillipsburg, Pa. devoted the day to a radiothon to raise money for the American Cancer Society by allowing anyone in the community to come in and sing or play musical instruments over the air. A remote was set up at the Harbor Inn which could handle more people than the WPHB studio. The entertainers paid any amount of money they wished to donate to the cancer fund and listeners were invited to call into the remote or at the radio station to pledge money to the fund and vote on the entertainment team (\$1 per vote) they felt was the best. By the end of the program, the station had raised \$4,664. Cellular phone users in the Cleveland, Ohio area are being invited to assist WWWE-1100 kHz in their traffic coverage. This on the ground reporting will supplement the stations jet helicopter in bringing the latest traffic information. 73.

Jim Hall, 240 Byron Road, Pittsburgh, Pennsylvania 15237-4015

Re the monster DXWW-E in the 9/27 DXM: In my 1360 logging of CMHW Radio Cadena Agramonte, it was the CE of WIXZ that was phoned, not CMHW!

New NRC Log: The NRC is currently working on a new "AM Radio Log Book", listing all the AM stations in the US & Canada. It'll be available one of these weeks, but in the meantime they're willing to take orders and have even offered a special discount price to IRCA members: \$10.95 US, \$11.95 Canada, \$15 to the Caribbean basin area, \$18 to Europe/S.America/N. Africa, and \$21 to the rest of the world. Be sure to tell them you're an IRCA member when you send your order to: NRC Publication Center, P.O. Box 164, Mannsville, NY 13661.



# 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

1986 DEADLINES — WEEKLY ON TUESDAY 11 DAYS PRIOR TO PUBLICATION DATE

□ □ □ □ □ □ □ □ □

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

This is to continue the day-by-day accounting of Japan's reception as noted here in Denver in the case of JOIK 747 Sapporo. As I reported in the summer, my final reception of this station for the season came on 06 May, no more than a northerly carrier revealed by the BFO at 1040 UTC.

Now the declination of the sun on 06 May to make that reception possible was 16 degrees, 35 minutes north of the equator. In the summer, I realized that if JOIK bowed out for the season with the sun as 16-35 then it could be looked for again when the southward moving sun returned to that position in August. Accordingly, I began checking 747 daily in August, for I'm always up in the early hours. JOIK returned for the new DX'ing season on 16 August at 1117. The position of the sun that day was 13.40 north, the same position it had been on 26 April, so it seems there's not an exact relationship between the springtime disappearance and the August return of JOIK. But perhaps it can be said there is a 92-day period before and after the summer solastice when JOIK's signal cannot be located in my diggings.

After 16 August, JOIK was heard again on six August days, always close to 1100 hours, and on the first 11 days of September. On 12 September, as I began my elporation I found YNX on 750 quite strong, also an unusually good signal from 1YA 756. I said to myself, "Something's happened," and went looking for JOIK, found it missing, no trace. Presumably auroral activity. I couldn't locate JOIK again until 22 September when I found a BFO trace at 1135, then back into the daily silence until 27 September, when I found its carrier "close to audio" at 1128. But the signal remained poor the last three days of September and 01 October. But the following day JOIK delivered the NHK pips at 1100 and was putting a strong het on YNX 750 when the crystal was put over on the 2 kc position. I missed monitoring 03 October, but found Japan missing again on the fourth. It was back again 05 and 06 October, but not strong. JOIK returned to the scene in fine style 07 October, again hetting the 750 mix of YNX and CJWW. By the way, I think YNX has an SP on SM, did on 05 October anyway.

What this all suggests to me is that the main circumstance which prevents Japan - and the other northern Asiatics - from being heard in Denver is an outbreak of auroral conditions once there is a path of darkness from here to there. This is drastically different from reception of northern Europe, cloer to Denver than Japan, but that TA reception is knocked out on occasion by the famous Mid-Winter Anomaly (MWA) as well as by auroral activity. Finally, isn't the MWA only a Trans-Atlantic phenomenon with no effect at all on reception of northern Asians? (Gene, I always associated MWA with TP and DU reception, to tell you the truth-Rth.) 73.

NIEL J. WOLFISH, 867 WICKLOW ST., WINNIPEG, MANITOBA R3T 0H9 CANADA

Back from the latest DX'pedition with the gang from the University of Manitoba DX Club. Added another 24 to my Winnipeg totals to put me at 546 logged here. Most of the success came by way of the GY's, with good signals for an 800-mile radius in all directions, except to the north. Some interesting non-GY's were logged as well. The new IIS from Fort Frances, Ontario was heard fighting it out on 530 with CJFT from Fort Erie, Ontario. 50 watts doing battle with 250. For western DX'ers who have been looking for CJFT, you'll probably need a longer antenna than the 2,000-foot/3,200 meter Beverage we had.

Jim Hall's 08 September EDXF brought back a name from my past: Bob Haberkost, the WAMO CE who was willing to test. Bob signed OSL's for former IRCA member Douglas Miske and me back in '77 when he was at WJET 1400 Erie. About a year later, a verie from WNDE 1260 Indianapolis was accompanied by a nice letter from Bob. Since that time, I've lost track of Mr. Haberkost. It sure is nice to see that somebody so accomodating to DX'ers is still around! It would be nice if I could actually log WAMO and send a reception report to Bob, but I suppose a friendly "hello" would suffice. If and when WAMO tests, I hope a lot of DX'ers can take the time to thank Mr. Haberkost.

Other tidbits: WATK 900 Antigo, Wisconsin is now running 24 hours on this former Mexican Clear. A satellite music program from Toronto, which I believe is called "Nightcap," is running overnights on several stations. Noted on 610 CKTB, 640 CFOB, 900 CKDR and 1490 CKEF. 73.

RIC HEALD, 8537 BELLAMY WAY, SACRAMENTO, CA 95826 Tele-Forum: 834-8477 to 2200 ELT & pdd

Gene, interesting reading regarding JOIK. My strong JJ here is JOBB 828 Osaka. They're usually the first to become audible here. That is until semi-local KNCD 830's sign on at 0800 ELT, hi. I've noticed them or their het almost everytime I DX year 'round. Their het was there nearly all summer.

I had what seems like an unusual experience on 1210 with KREW Sunnyside, Washington. Like they were readable with a decent signal as late as two hours after sunrise (local). Winter, that wouldn't be a big deal, but the first week of October? Will keep an ear on this one as we go into the winter season. Quite possibly they might be audible all day in December and January. Only other note was a re-log of KKMV 1000 Steamboat Springs, Colorado absolutely wiping out KOMO at 0820 ELT. Must have been exact sunrise time there.

I have this sneaky feeling that someone snitched to KRAK that I could put a partial null on them. Now I'm lucky to hear 1170 CWX where before they were quite clear. OK, who wants to own up? Hi.

Speaking of owning up, which one of you guys has the personalized California license plate ECB DXER? While at the California State Fair in September, I was at the DMV booth where they had directories of personalized plates (in use) and saw MY future plates in use, hi.

Gary Larson, thanks for the recent newspaper clippings. But, next time you send me something from a Sacramento paper, let's use The Bee. I mean, the Union is like using the Herald-Examiner as opposed to the Times, hi. I don't care that the Union is California's oldest daily and that Mark Twain started here (after setting the woods at Tahoe on fire, hi). NO ONE reads the Union, hi.

And speaking of The Bee, radio critic really panned the "new" KGNR 1320. It's automated and soft rock from the '50s, '60s and '70s. To paraphrase, the automation sounds about as exciting as listening to radio from the moon. He even suggested that they simulcast their very successful FM, KCTC.

That's it this week. Remember my offer, save time and postage by enclosing more than one forum in your envelope. Best of DX to all and 73 de RTH.



## FOCUS ON FORMATS

MIAMI / GOLD COAST MARKET

— AM —

560 WQAM	Country	1290 WIRK W. Palm Beach	Country
610 WIOD	Pop/Talk	1320 WLOQ Hollywood	International
710 WAQI	Latin	1340 WFBR Palm Beach	News-Talk
740 WBSR Boca Raton	Nostalgic Pop	1360 WKAT Miami Beach	Nostalgic Pop
790 WNWS South Miami	News-Talk	1380 WLIZ Lake Worth	Religious
850 WEAT W. Palm Beach	EZL	1400 WFTL Ft. Lauderdale	Nostalgia
940 WINZ	News-Talk	1420 WBBF Delray Beach	Big Band
980 WBSS Pompano Beach	Rock Oldies	1430 WRBA Homestead	Country
1040 WYFX Boynton Beach*	Urban Contemp.	1450 WOCN	Latin
1080 WVCG Coral Gables	Variety/Mx/Tx	1470 WRBD Pompano Beach	R & B
1140 WQBA	Latin	1490 WMBM Miami Beach	Gospel
1170 WAVS Ft. Lauderdale	Latin	1520 WEXY Oakland Park	Religious
1210 WCMQ	Latin	1550 WRHC Coral Gables	Latin
1230 WJHO W. Palm Beach	All News	1580 WSRF Ft. Lauderdale	Gospel
1260 WSUA	Latin EZL	1600 WPOM Pompano Beach	Soul

— FM — \*\*

88.5 WKPX Sunrise	Top 40	97.9 WRMP Palm Beach	AC
88.9 WDNA	Public Access	98.3 WTHM Goulds	Urban Contemp.
89.7 WMCU	Religious	98.7 WKGR Ft. Pierce	"Gourmet Rock"/Jazz
90.3 WAFG Ft. Lauderdale	Religious	99.1 WEDR	R & B
90.5 WVUM Coral Gables	Univ. of Miami	99.9 WKQS Boca Raton	Country
90.7 WXEL Boynton Beach	Public Radio	100.7 WHYI Ft. Lauderdale	Contemp.
91.3 WLRN	Public Radio	101.5 WLYF	EZL
92.1 WNGS Riviera Beach	AC	102.7 WMXJ Ft. Lauderdale	AC
92.3 WCMQ	Latin	103.5 WSHE Ft. Lauderdale	Rock
93.1 WTMI	Classical	104.5 WEAT W. Palm Beach	EZL
93.9 WLVE Miami Beach	AC	105.1 WHQT Coral Gables	Urban Contemp.
94.9 WINZ	Adult Rock	105.9 WAWY Ft. Lauderdale	AC
96.3 WPOW	Contemp.	106.7 WJQY Ft. Lauderdale	Contemp./EZL
96.9 WCEZ W. Palm Beach	Rock	107.5 WQBA	Latin
97.3 WAIA	AC	107.9 WIRK W. Palm Beach	Country

NOTE: All stations licensed to Miami unless otherwise stated. \*Formerly 1510 WKAO with EZL format. \*\*Source excludes 89.3 WRMB Boynton Beach and 94.3 WJNY Riviera Beach.  
SOURCE: The Miami Herald, 29 June 1986; via Dale Park.

# TRANSPACIFIC SHORTWAVE PARALLELS

by Nick Hall-Patch and Paul Routenburg

Signals heard from the other side of the Pacific Ocean can be a problem to identify. They are often weak and suffer from domestic QRM, are in a language unknown to the listener, and may well be heard for only a quarter of an hour or so around sunrise.

Fortunately, many of the signals heard in North America are from a station which is part of a government network whose stations are often in parallel. At least one, and sometimes more of these stations broadcast on shortwave, particularly in the tropical bands, and may well be easier to hear on shortwave than on medium wave. The unidentified MW DX can be checked against one or more of these SW parallels. If the programming is exactly the same, and no other two stations on these two frequencies are likely to be in parallel, then you have the best ID you may likely ever get from many of these stations.

The following list of parallels is based on Bruce Portzer's list of TP parallels in Volume 8 of the IRCA Foreign Log, but all of the SW parallels listed here have been definitely heard in Western Canada at any rate. Many of the MW stations have yet to be heard here however!

Network abbreviations are generally used to identify a station on the list rather than station call letters: NHK1 and NHK2 from Japan, PEN - Far East Network also from Japan, KBS1 and KBS2, as well as KBS-SE Social Education from South Korea, CPBS1 and CPBS2 from China, USSR1, USSR2 (Mayak) and USSR-PE (Foreign Service) from, you guessed it, USSR. Australian call letters are used however. Otherwise, the country name is used to indicate the station from that country on the channel. Chinese stations listed are generally only from those provinces reasonably close to the ocean, as otherwise this exercise would really have gotten out of hand. Abbreviations of Chinese province names are as used in the World Radio TV Handbook, and appear after this list.

As many of the parallel listings are repetitive or lengthy, footnote indicators are often used in place of the SW parallel frequency: (1), (2) etc. See the end of the list for footnote info. Remember that seeing a listing here does not guarantee that the stations are always or ever in parallel with each other. Some are educated guesses, while other stations can carry local programming which will be separate from the network feed, at least at some time periods.

531	6DL	6140 9610	585	CPBS1	(1)
	China-ZJ	2475; 4785 (to 1030 UT)		China-ZJ	2475; 4785 (to 1030)
	CPBS1	(1)		RR1	3976 (9)
	CPBS2	(2)		NHK1	(3)
	NHK1	(3)		Papua New Guinea	
540	4QL	(8)		USSR-FS	4890 4825? (10)
	CPBS1	(1)	594	3WV	(8)
	NHK1	(3)		China-FJT2	4850 (from 1500 UT); 6790
	KBS1	(4)		CPBS1	(1)
549	2CR	(8)		NHK1	(3)
	China-FJT1	3815 4770		KBS1	(4)
	CPBS1	(1)		Malaysia	5965; try 9515
	NHK1	(3)		USSR2	(7)
	Sarawak	4835	603	7ZL	9680
	USSR2	(7)		CPBS2	(2)
552	6WA	6140 9610		NHK1	(3)
	China-FJ	2340 4975		KBS2	(5)
	KBS2	(5)	612	4QR	(8)
	USSR2	(7)		China-FJ	2340 4975
567	4JK	(8)		-LN	4830
	CPBS1	(1)		NHK1	(3)
	NHK1	(3)	621	3AR	9680
	KBS1	(4)		China-HL	4840 5950 6150
	USSR1	(6)		NHK1	(3)
576	2FC	9680		KBS1	(4)
	China-ZJ	2475; 4785 (to 1030)		Malaysia	5965; try 9515
	NHK1	(3)		Sarawak	4950
	Malaysia	5965; try 9515		USSR1	(6)
	Sarawak	4835			
	USSR2	(7)			

630	4QN (8) CPBS2 (2) FRI 4719; (9) KPS1 (3) Singapore 5052; maybe 11940 USSR-FS 5940 5960; (10)	765	China-NM 4525 -FJT1 3815 4070 N. Korea (11)
639	4MS (8) China-GX 5010 CPBS-1 (1) KBS2 (5)	774	3LO (8) China-HB 3940 NHK2 3377.5 until 1300
648	2NU (8) FEM 3910 6155 NHK1 (3) USSR-FS 4825; (10) Sarawak 4835	783	SAL 2310; 9580 from 1430 China-FJ 2340 4975 KBS1 (4) N. Korea 3015; from 1500: 3320 3400 6250 USSR1 (6)
657	2BY (8) SDR 2310 ? 9580 after 1430 KBS1 (4) N. Korea (12)	792	4QG 9680 China-GX 4915 -FJT1 3815 4070 NHK1 (3) KBS-R. Seoul 6015 from 16-1800 UT Nepal 5005 Singapore 6000 (1300-1415 UT) 5052 (1415-1405 UT) USSR2 (7)
666	China-FJH1 3535 3640 4045 NHK1 (3) USSR2 (7)	801	4QY (8) CPBS1 (1) N. Korea (12) USSR-FS (10)
675	2CO (8) China-NM 3970 4525 NHK1 (3) KBS1/2 (4, 5) Papua New Guinea 4890 Singapore 6000; maybe 9635	810	2BA (8) China-ZJ 2475; 4785 (to 1030) FEM 3910 6155 N. Korea (11) USSR1 (6) until 1400 USSR-FS (10) from 1500
684	2KP (8) CPBS2 (2) China-FJT2 4850 6790 NHK1 (3) N. Korea (12)	819	2GL (8) China-FJH2 2600 2800 4380 NHK1 (3) N. Korea (12) Sarawak 4950
693	China-ZJ 2475; 4785 to 1030 UT -FJT1 3815 4070 NHK2 3377.5 until 1300 USSR1 (6) until 1200 USSR2 (7) from 1200	828	JGI (8) NHK2 3377.5 until 1300
702	2BL (8) NHK2 3377.5 until 1300	837	4RK (8) China-FJ 2340 4974 CPBS1 (1) NHK1 (3) USSR2 (7)
711	4QW (8) KBS-1 (4) USSR2 (& local) try 4610	846	2CY 9680 China-ZJ 2475; 4785 (to 1030) -FJH1 3535 3640 4045 CPBS2 (2) NHK1 (3) KBS1 (4)
720	4AT, 3MT (8) 4WF try 6140 9610 ?? CPBS2 (2) N. Korea (11) Malaysia 4845 6025 USSR-FS 5940 5960 until 1500; (10)	855	4QE 4QO (8) CPBS2 (2) FRI 4754; (9) N. Korea (12)
729	5CL 9680 NHK1 (3) N. Korea (12)	864	CPBS1 (1) KBS1 (4) Papua New Guinea 4890
738	China-HN 4990 N. Korea try 3015 Fr. 6135 9750 11825 15170 Polynesia (all varying?) USSR1 (6)	873	China-HL 4925 CPBS1 (1) NHK2 3377.5 until 1300 Sarawak 4950 N. Korea (11)
747	4QS (8) CPBS2 (2) NHK2 3377.5 until 1300 KBS1 (3)	882	China-FJ 2340 4975 NHK1 (3) KBS1 (4) Malaysia 7295 Mongolia 4995
756	2TR, 4QA (8) CPBS1 (1) NHK1 (3) KBS1 (4)		

891	CPBS2	(2)	1053	CPBS1	(1)
	NHK1	(3)		N. Korea	4557
	KBS1	(4)		Malaysia	5965
	Thailand	[4830 6070] new off air?	1062	4TI	(8)
	USSR1	(6)		KBS1	(4)
900	CPBS1	(1)		Sarawak	4895
909	NHK2	3377.5 until 1300	1071	China-FJ	2340 4975
	KBS1	(4)		NHK1	(3)
	Sarawak	4835	1080	China-ZJ	2475; 4785 to 1030 UT
	USSR2	(7)		NHK2	3377.5 until 1300
918	China-FJ	2340 4975		N. Korea	(11)
	KBS1	(4)		USSR-FS	(10)
	USSR2	(7)	1089	China-FJT2	6790; 4850 from 1500
927	China-FJT2	4850 (from 1500 UT)		CPBS2	(2)
		6790		NHK2	3377.5 until 1300
	RRI	5881; (9)		KBS1	(4)
	NHK1	(3)	1098	China-NM	6974
	KBS1	(4)		CPBS2	(2)
	N. Korea	(11)		KBS1	(4)
936	China-NM	3970 4525	1107	China-NM	4525 3970
	-ZJ	2475; 4785 (to 1030 UT)		CPBS1	(1)
	KBS2	(5)		CPBS2	(2)
945	China-FJ	2340 4975	1116	China-HL	4840 5950 6150
	CPBS1	(1)		-FJT1	3815 4770
	NHK1	(3)		CPBS2	(2)
	KBS1	(4)		USSR2	(7)
	Malaysia	7295	1125	China-ZJ	2475; 4785 to 1030 UT
	Solomon Is.	5020		NHK2	3377.5 until 1300
954	Burma	5985	1134	China-ZJ	2475; 4785 to 1030 UT
	China-FJH2	2600 2800 4380		RRI	3250; (9)
963	China-LN	4830		KBS1	(4)
	-AJ	2475; 4785 to 1030 UT	1143	China-ZJ	2475; 4785 to 1030 UT
	NHK1	(3)		VOA-	9620 (1230-1330)
	KBS1	(4)		Philippines	6120 9620
	USSR2	(7)			(1500-1600)
972	China-FJT2	4850 from 1500 UT;		USSR2	(7)
		6790	1152	China-HN	4990
	RRI	4932; (9)		NHK2	3377.5 until 1300
	KBS (SE)	6015		KBS1	(4)
	USSR1	(until 1400) (6)		USSR	4610
	USSR2	(from 1400) (7)	1161	China-GX	5010
981	CPBS1	(1)		CPBS1	(1)
990	NHK1	(3)		CPBS2	(2)
999	2NB	(8)		NHK1	(3)
	CPBS1	(1)		Sarawak	4950
	RRI	7270	1170	RRI	3935; (9)
	NHK1	(3)		KBS(SE2)	6135
	N. Korea	(11)		USSR-FS	(10)
	USSR2	from 1300 UT: (7)	1179	China-NM	6974
1008	China-FJH2	2600 2800 4380	1188	China-NM	4525 3970
	KBS2	(5)		NHK1	(3)
	USSR1	(6)	1197	China-ZJ	2475; 4785 to 1030 UT
1017	CPBS1	(1)	1206	CPBS1	(1)
	China-JL	4620 5975		CPBS2	(2)
	NHK2	3377.5 until 1300		Sarawak	4895 5005
	Malaysia	4845 6025	1215	CPBS1	(1)
1026	NHK1	(3)	1224	China-GX	4915
	KBS1	(4)		-FJT2	6790; 4850 from 1500
1035	CPBS1	(1)		NHK1	(3)
	NHK2	3377.5 until 1300		KBS2	(5)
	KBS1	(4)		Malaysia	4845 6025
	Solomon Is.	5020		USSR2	(7)
1044	2UH 4WP	(8)	1233	China-HN	4990
	CPBS2	(2)		RRI	3345; (9)
	China-ZJ	3960 4960 7480		KBS1	(4)
	KBS1	(4)			
	Sarawak	4835			



1242	China-LN	4830	1440	China-GX	4915
1251	CPBS2	(2)		CPBS2	(2)
	USSR-FS	(10)	1449	KBS1	(4)
1260	CPBS1	(1)	1458	China-NM	6974
	KBS1	(4)		KBS1	(4)
1269	China-FJH1	3535 3640 4045		USSR2	(7)
	KBS1	(4)	1467	NHK2	3377.5 until 1300
1278	KES1	(4)		KBS1	(4)
	USSR2	(7)	1476	China-FJT1	3815 4770
1287	CPBS1	(1)		-ZJ	2475; 4785 until 1030
	RRI	4856; (9)		CPBS2	(2)
	USSR2	(7)		NHK-2	3377.5 until 1300
1296	NHK1	(3)		USSR-FS	4825; (10)
1305	CPBS2	(2)	1485	China-ZJ	2475; 4785 until 1030
	KBS1	(4)		KBS1	(4)
1314	CPBS1	(1)		USSR2	(7)
1323	NHK1	(3)	1494	China-FJ	2340 4975
	KBS1	(4)		Papua New	
1332	China-GX	4915		Guinea	2410
1341	NHK1	(3)	1503	China-NM	3970 4525
1350	CPBS1	(1)		-ZJ	2475; 4785 until 1030
1359	CPBS1	(1)		NHK1	(3)
	NHK2	3377.5 until 1300		KBS1	(4)
	USSR2	(7)	1512	China-NM	3970 4525
1368	China-FJ	2340 4975		-FJT1	3815 4770
	NHK1	(3)		NHK2	3377.5 until 1300
	KBS1	(4)	1521	China-XJ	7820 (1500 to 1555)
1377	China-FJH2	2600 2800 4380			7035 7470 (1600-1655)
	NHK2	3377.5 until 1300 UT		NHK2	3377.5 until 1300
	USSR2	(7)	1530	China-NM	3970 4525
1386	China-FJ	2340 4975	1539	China-FJH2	2600 2800 4380
	NHK2	3377.5 until 1300 UT	1548	4QD	(8)
	Solomon Is.	5020	1566	USSR1	(6)
1395	China-FJ	2340 4975	1575	VOA--	(from 1130-1230 UT):
	KBS1	(4)		Thailand	9620 11910 15155
1404	China-FJ	2340 4975			(1400-1500 UT):7255
	-HF	3940		USSR2	(7)
	-ZJ	2475; 4785 until 1030	1584	PEN	3910 6155
	CPBS1	(1)		NHK1	(3)
1422	China-FJ	2340 4975		KBS1	(4)
1431	2WN	(8)	1593	NHK2	3377.5 until 1300
	China-FJ	6790; 4850 from 1500 UT		Papua New	
	-ZJ	2475; 4785 until 1030		Guinea	3205
				USSR2	(7)
			1602	NHK2	3377.5 until 1300
				KBS1	(4)

Footnotes:

- (1) CPBS1--4460 5320 6665 7335 7504 7516 also 5860 5880
- (2) CPBS2--3220 3290 4250 5075 7095 7770
- (3) NHK1---until 1300 UT: 3607.5 (upper sideband)  
until 1500 s/off: 3970 6005 (USB) 6130  
\*in many cases, a MW NHK1 parallel would be more likely to deliver  
a reasonable signal e.g. 594 666  
\*for NHK2, 747 774 or 828 are best bets
- (4) KBS1---3930; after 1600 UT, try 6015 also
- (5) KBS2---after 1600 UT: 3930 6015  
\*regional stations may have their own programs in various time  
slots which would be separate from either KBS1 or KBS2.
- (6) USSR1--5015 (some local programs before 1315 UT)
- (7) USSR2--3995 (from Oct-Mar);4040 4485 (from 1400 UT); 5970
- (8) ABC1 or ABC3: 4920 and/or 6150 and/or 9660; try 9680, though this is  
usually ABC2

- (9) RRI---Radio Republik Indonesia stations take the national news feed on the hour. The feed is usually 7 or 8 minutes long, but can be as much as 15 minutes. 7270 is a good parallel for the national program news.
- (10) USSR-PS Foreign Service in various languages:  
 Chinese---try 6145 6165; sometimes 4825 7170 7300 9705  
 (noted on MW channels of 585 648 801 810 1080 1170 1251 1476 at various times)  
 English---try 9450 9575 9665 9765 9780 (//1251 720 630)  
 or 5900 5920 6020 6050 (//720 630)  
 Japanese---5940 5960 7340; sometimes 5950 6020 6050 7150 7260  
 (noted on MW channels 630 720 1251 at various times)  
 Korean---4825; sometimes 9540 5940 (noted on MW 1476)  
 Mongolian---try 3960 4080 4850 4865 4995 7260  
 or 6100 6383 7245 9480  
 (MW channels of 801 1080 1170; LW channels 209 227)

(the above information is over two years old, but many frequencies are likely still in use)

NB The Vladivostok transmitter on 1476 has been noted on the second harmonic of 2952 kHz; perhaps a useful parallel for Chinese broadcasts on other MW frequencies.

- 11) N. Korea Central Broadcasting Station: 2745 2775 2850 4272. All but 2850 may have segments of local programming.
- 12) N. Korea, R. Pyongyang Broadcasting Station: 3320 6400; 6250 after 1500 UT; 3015 after 1530 UT.

\*

Abbreviations for Chinese provinces in the above listing:

FJ - Fujian	GX - Guangxi	LN - Liaoning
FJH1 - Fujian, Haixa 1	HB - Hubei	NM - Nei Monggol
FJH2 - Fujian, Haixa 2	HL - Heilongjiang	XJ - Xinjiang
FJT1 - Fujian, Taiwan 1	HN - Hunan	ZJ - Zhejiang
FJT2 - Fujian, Taiwan 2	JL - Jilin	

\*

References:

"China Remonitored", Peter V. Taylor, DX Monitor, Feb 6, 1982.

"Korean Broadcasting System", Bill Harms, DX Monitor, Oct 26, 1985

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- 870 BC CFBV Smithers still on 1230 late August.  
 880 AB CQQT Edmonton here ex 1110... stereo.  
 \*860 BC CBRR Cranbrook gone to 101.3 FM  
 890 BC CJXC Dawson Creek 10kw. U2 from 1350. Taking the Williams Valley assignment of 890.
- 920 MB CFBY Portage la Prairie gets 25/10kw. U2  
 930 NB CFBC St. John granted better channel... CRTC didn't say which.  
 1040 BC CIOF Vancouver is on... stereo. Hwy. #10 & 104th St. in Delta is where Pierre La Tuque witnessed the erection (towers) G/12 So far the 5 tower array slope only 1050 at 4.5 miles away.
- 1150\*BC CEWR Rogers Pass lprt is off.  
 1200 BC CKDA Victoria is here ex 1220. Seems clean of KEX-1190/Kasy 1210 OK  
 1210 SF C... Kinderley 1/4kw. UL will twin CJYM-1330 in Rosetown.  
 1230 AB CFKJ High Level lprt will move to FM  
 1280 PEI CB... TIS 20w. UL French at Cape Turner National Park. \*  
 1340 MWTF CFYK Yellowknife now 4kw. UL ex 4/lkw.\*  
 1340 ON CKDK Woodstock now 102.3 FM & will PHASE OUT AM.\*  
 1340 ON CFBQ Parry Sound to 103.3 FM & will also kiss AM goodbye! \*  
 1370 NF CENE lprt moves to 1420 due to QRM from ORTF-1376. \*  
 1380 NB C Moncton. Old owners now want P...ish... good luck guys.  
 Other people were turned down when you got French.
- 1450 NS CFAB Windsor gets 1kw. UL  
 1470 ON CHOW Welland will change day pattern.  
 1470 BC CJVB got CRTC OK to be 60% ethnic\*  
 1490 PEI CB... The English version of 1280.  
 1540 BC CHIN Toronto got OK to be 32.5% ethnic.\*  
 1490 BC CFWB Campbell River now 1kw. UL from new 160' tower Quadra Island

The \* is from Brian Vernon.

The Rafe Hair Show airs live 6:30 - 9pm MT M-Fri. on 77.1 FM satellite on CKNW-980, CKIQ-1150, CHUB/CHPQ-1570/1370, CJAT/CFKC/CKKC-110/1340/1390, CKOK-CKOO, CKOO-1, CKSP, CKRP, CJCI-620, CIVH-1340, & CIPB/1171.  
 It's Open Line BC and BC calls accepted collect.

"Well hello. I'm Tommy Flanagle and I'm substituting...no, raking over this feature. Yeah, that's it! I've got credentials; I used to do this for the Staten Island...er, New York...er, U.S. DX Club. Yeah, that's the ticket, yes! And I'd like to thank my first contributor...er my wife, Morgan Fairchild, yeah!"—Sorry folks for this attempted coup: I was watching Frank Gifford being "Monday Night Football" without Al Michaels for the first time this season. Which means I haven't received any Football network station lists or I would spend the time compiling them instead of watching TV. If you have any on hand for this season, please mail them pronto, Tonto. I also would like networks for the hockey and basketball seasons just commencing. Meanwhile, here's a very short column—

## NCAA FOOTBALL

HAWAII RAINBOW WARRIORS / RAINBOWS Jim "Kimo" Leahey, Rick Blangardi

690 KKUA-HI                      720 KUAI-HI                      900 KNUI-HI



KANSAS JAYHAWKS (no announcers or flagship listed)

730 KJGE-KS*	1250 WFEN-KS	1400 KWCL-KS	1420 KULY-KS	1510 KANS-KS*
790 KXXX-KS	1290 KWLS-KS	1450 KAYC-KS	1450 KWEW-KS	1530 KONK-KS*
980 KMBZ-MO	1320 KLWN-KS*	1410 KCLO-KS	1460 KOYJ-KS*	1540 KLKC-KS*
1130 KLEY-KS*	1360 KSPE-KS*1	1400 KQAM-KS	1490 KRAN-KS	1570 KNDY-KS*
1240 KULU-KS		1420 KJCK-KS		1600 KMDO-KS*
		-FM-		
92.1 KREL-KS	92.1 KGGF-KS	93.7 KHYE-KS	101.5 KSLS-KS	103.9 KNZA-KS
		100.7 KHOK-KS		

Syndicator: Learfield Communications. NOTE: 1. As listed by team; other sources say KOYJ.

**JOCKEY SHORTS:** More sports tidbits. L.A. FAIDERS on 670 KWNK-CA and 940 KDEO-HI, plus 1020 KTNQ-CA in Spanish...NBC claims over 300 stations will air its NFL games...Hot Stove League item: 680 WCBM-MD outbid 600 WCAO, 1030 WBAL, old flagship 1300 WFBR and 93.1 WPOC for the rights to air the Baltimore ORIOLES until 1993. Cost is reportedly \$5.5 million, according to Variety 24 September, over the three seasons...Indoors, Ernie Grunfeld moves from the bench to the booth by retiring from the New York KNICKS and joining the Madison Square Garden Network, who airs the team's games on 660 WNBC-NY.

**PLAYERS OF THE WEEK:** Variety; Kannon Shanmugam, American Shortwave Listeners Club (Honorable Mention). And from last time, Leonard A. Jozwiak, MI; sorry about omitting it.

**CONTEST RESULTS:** Unfortunately, only one entry came in the "Missing Baseball Radio Network" contest, and a late one at that. So, you are "our" winner, RICHARD E. BERG-ANDERSSON of New York. Your prize will be mailed shortly. Thanks to everyone who entered but whose entry was lost in the mail (yeah, blame the USPS for everything, hi). The results of the "Sports Jeopardy" contest will be announced soon. This is being typed 13 October; hope you contribute before I type the next one! See you in DXM.

## OCTOBER 1986 A. N. A. R. C. REPORT

BY: Albert S. Lobel, Your A. N. A. R. C. Representative

The results of the voting on the site of the 1988 A. N. A. R. C. Convention have just come in. The 1988 A. N. A. R. C. Convention will be held in Southern California and will be hosted by ASWLC, American Shortwave Listeners Club. Now all of you who have said we are due for another convention on the West Coast can celebrate. [That's a little better than I can say for fans of the California Angels. I really wanted them to take it all! Well, maybe again in 1988. It would be great during a year when we have the A. N. A. R. C. Convention in Southern California, too!!] Most of you know I am a member of several other clubs as well as I. R. C. A. One of those other clubs is A. S. W. L. C. I plan to help with the 1988 A. N. A. R. C. Convention and would like some input from all I. R. C. A. Members as to what they would like at the 1988 A. N. A. R. C. Convention. It has been said that the A. N. A. R. C. Conventions are mostly shortwave oriented. Tell me what you would like and I will do my best to change that image of A. N. A. R. C. Conventions in 1988. Padres v.s. Angels in 1988!

It is still not too late to write to your Congressman or Senator in regard to the various bills before Congress and the House that will restrict your right to listen to radio broadcasts. Come on and write to your Congressman and/or Senator and let him or her know what you think or forever hold your peace. Let's not let the vote go against us as it did with the now infamous tax reform bill of 1986. This is a Free Country! We do have a right to speak out against our government! Let's keep it that way! Restricting your right to listen to whatever broadcasts you wish is one step towards a communist take over in this Country! Write n-o-w!!

That is all for another A. N. A. R. C. Report. If you wish to write directly to me in regard to any A. N. A. R. C. or I. R. C. A. matter you can write to me at: P. O. B. 26762, San Diego, CA 92126. Or you can telephone me at (619) 566-0092; 1900-2100 Pacific Time. This is a business line and you will get the answering machine. However, personal calls are intercepted if I am at home. I will not accept collect calls. Until my next A. N. A. R. C. Report . . . 73 and good DX de ASL.

# UNREPORTED STATIONS UPDATE

The following chart lists the total number of stations in each state in the USA and each province in Canada, the number reported by IRCA members in Volume 23 of "DX MONITOR" and the number not reported at all since Volume #11 (ending September 1974) by state and province.

This chart does not include any stations operating with less than 100 watts (e.g. Canadian LPRT's).

T= Total number of Stations

R= Reported in Volume 23

U= Unreported since September 1974 (Vol 11)

STATE	T	R	U	STATE	T	R	U	PROV.	T	R	U
AL	161	32	31	MT	49	39	0	AB	45	30	0
AK	39	23	2	NE	50	35	0	BC	69	34	5
AZ	74	59	1	NV	23	20	1	MB	19	15	1
AR	103	25	6	NH	29	11	0	NB	18	9	2
CA	244	225	0	NJ	38	23	1	NF	32	1	12
CO	81	60	0	NM	62	33	2	NWT	5	0	2
CT	41	25	0	NY	168	74	14	NS	18	4	1
DE	10	3	0	NC	224	56	28	ON	104	64	5
DC	7	7	0	ND	34	23	0	PEI	3	1	0
FL	209	64	19	OH	131	71	2	QU	86	25	18
GA	196	41	19	OK	69	22	8	SK	26	18	0
HI	27	26	0	OR	87	62	0	YT	2	0	0
ID	46	29	0	PA	190	125	3				
IL	132	46	0	RI	16	11	0				
IN	89	19	1	SC	114	17	17				
IA	85	41	0	SD	37	28	2				
KS	62	41	0	TN	191	56	16				
KY	139	27	9	TX	301	61	40				
LA	99	17	15	UT	42	38	0				
ME	39	7	7	VT	20	4	2				
MD	52	36	0	VA	146	65	10				
MA	68	39	1	WA	105	72	0				
MI	138	42	1	WV	67	32	3				
MN	101	58	2	WI	113	37	0				
MS	112	19	18	WY	33	20	0				
MO	117	48	7								
								TOTALS			
									5231	2295	234

The following chart lists the same information as the chart above, except by regions instead of states/provinces.

REGION	T	R	U
North East (CT-ME-MA-NH-RI-VT)	213	97	10
Mid Atlantic (DE-DC-MD-NJ-NY-PA)	465	268	18
South Atlantic (FL-GA-NC-SC-VA)	889	243	93
South East (AL-AR-KY-LA-MS-TN-WV)	872	208	98
Mid East (IL-IN-MI-OH-WI)	603	215	4
Mid West (IA-KS-MN-MO-NE-ND-SD)	486	274	11
South West (AZ-NM-OK-TX)	506	175	51
Rockies (CO-ID-MT-UT-WY)	251	186	0
West Coast (CA-HI-NV-OR-WA)	486	405	1
Maritimes (NB-NF-NS-PEI-East NWT)	72	15	15
Eastern Canada (ON-QU)	190	89	23
Central Canada (MB-SK)	39	33	1
Western Canada & Alaska (AK-AB-BC-YT-west NWT)	159	87	9
TOTAL	5231	2295	334

IRCA--UNREPORTED STATIONS TO BSM SLIDE VOLUME 11 (August 1974)

by Frequency

540--	1030--
550--WDLV-NC,	1040--WYFX-FL, KRMH-OK, CIOF-BC,
560--WWCR-TN,	1050--KPKX-TX,
570--WIDS-KY,	1060--WCOK-NC, KHJK-TX,
580--	1070--WBRG-KY, KBCI-LA,
590--WCAB-NC, CPTK-BC, CFAR-MB,	1080--WLVN-AL, WBSI-MS, WALD-SC,
600--CFCT-NWT,	1090--
610--WCEH-GA,	1100--WYKR-VT,
620--EKGM-NF, CFRP-QU,	1110--
630--KLEA-NM,	1120--WTVZ-MS,
640--	1130--WACQ-AL, WCTM-OH,
650--	1140--WONQ-FL, WRNA-NC, WSPC-VA,
660--WMOQ-AL, WCRR-VA,	1150--KEZB-TX, KPHE-TX, CHMG-QU,
670--	1160--WYRU-NC,
680--WRGC-NC,	1170--WHZI-AL, KDLP-LA, WVEE-TN,
690--	1180--
700--	1190--WECC-GA, KNEK-LA,
710--WQKI-SC, KURV-TX, CIPC-QU,	1200--WMLI-ME, KYOO-MO,
720--	1210--WGSF-TN,
730--	1220--WEQO-KY, CFVM-QU,
740--WIRJ-TN,	1230--WKWL-AL, WJBB-AL, WHOD-AL, WNUZ-AL,
750--	KIPW-AK, KBZB-AZ, WCNH-FL, WCKJ-GA,
760--	WANO-KY, KSLO-LA, WQDY-ME, WSJR-ME,
770--KCHU-AK,	WCHA-MS, WHSY-MS, WAZP-MS, WBZA-NY,
780--WZZX-AL,	WFR-NC, WNNC-NC, WTIV-PA, WMLR-TN,
790--WTNC-NC, CKBH-QU,	WSTK-TX, KIKE-TX, KERV-TX, KLVF-TX,
800--YOWR-NF,	KEBE-TX, WODI-VA, WAMM-VA, CKTK-BG,
810--WBLW-GA, WCTA-TN,	CPLN-NF, CFTB-NT, CFLK-ON,
820--	1240--WIGJ-AL, KWAK-AR, KASO-LA, WSYY-ME,
830--	WHPA-MS, WGRM-MS, WYAM-MS, KFMO-MO,
840--WESS-FL,	KNEM-MO, WPNF-NC, KBEL-OK, WKDK-SC,
850--WQKA-NY, WPPD-TN, CHVO-NF,	WLSC-SC, KVLV-TX, KAWS-TX, KSOX-TX,
860--KPST-TX,	CKIM-NF, CBSI4-NF, CJAF-QU, CJMD-QU,
870--WQRX-AL, KROL-NV, CFBV-BC,	1250--KBTC-MO,
880--	1260--WIYD-FL, WCSA-MS,
890--	1270--KVGL-LA, WHRP-TN, KEPS-TX,
900--KICR-LA,	1280--WIFC-FL, WAOB-IN, KRAN-TX,
910--KNAP-TX,	1290--WOPP-AL, WTNX-TN,
920--WWWR-AL, WVOH-GA, KTOC-LA, WPTL-NC,	1300--WCKI-SC, WKSC-SC,
930--	1310--WDLF-FL, WGTB-MS, WJOZ-PA, KBUG-TX,
940--	1320--WHOF-FL,
950--	1330--WPRN-AL, WSPQ-NY, WMTJ-TN,
960--WGRR-AL, WAAK-NC, WWGR-TN,	1340--WWRK-AL, WXXR-AL, WSBM-AL, WFEF-AL,
970--WCHN-NY, CFIQ-NF,	KCAT-AR, WWFL-FL, WFSH-FL, WGAA-GA,
980--WAAA-NC,	WBTT-GA, WALH-GA, KVOB-LA, WLVC-ME,
990--WGML-GA, KXLA-LA, KAML-TX,	WHOU-ME, KDLM-MN, WJMB-MS, WKOZ-MS,
1000--WXWY-AL, KSTA-TX, KJJT-TX,	WAML-MS, KSMO-MO, WKSJ-NY, WMSA-NY,
1010--WWWX-NC, WORM-TN,	WAGR-NC, WCBQ-NC, KITHN-OK, KAMG-TX,
1020--WRIX-SC,	WKLEY-VA, WBLB-VA, CKWK-NF, CFLW-NF,
	CPLH-ON, CKRE-ON, CHAD-QU, CFED-QU,
	CKMG-QU, CBGA7-QU, CKVP-QU,
	1350--KSLQ-MO, WBNY-NY, KIHHD-OK,
	1360--WELR-AL,
	1370--WBNY-SC, CFVD-QU,
	1380--WGYV-AL, WZLH-GA, WVTN-NY, WAGS-SC,
	KQRD-SD, MBOI-TN, CHLR-IB,

1390--WJRM-NC, KULF-TX, WDOT-VT, 1480--WMLB-FL, KCKW-LA, WBBL-VA,  
 1400--WTCG-AL, WFFA-AL, WIRA-FL, WSGC-GA, 1490--KXAR-AR, KDRS-AR, WXVQ-FL, WCKC-FL,  
 WCOH-GA, WFPR-LA, KVI4-LA, KFIN-IL, WPXE-FL, WSIR-FL, WXYZ-GA, WSPB-G,  
 WDNY-NY, WSLB-NY, WSMR-NC, WSTC-NC, WFKY-KY, WIKC-LA, WGOO-NY, WLOE-NY,  
 KTHC-OK, WPTN-SC, WKDY-SC, WNEG-TN, WSTP-NC, KWMC-TX, KVOZ-TX, KDOK-TX,  
 KUNO-TX, KKNX-TX, KEBE-TX, KDWT-TX, KVLN-TX, WPAK-VA, WTCG-NY, CBDQ-NY,  
 WHHV-VA, WHLF-VA, WRON-WV, CJER-BC, VOHR-NF, CKMV-NB, CKOA-ON, CFRG-OH,  
 CBG--NF, CKRV-QU, CKRN-QU, CKLR-QU,  
 1410--WZZA-AL, WMYQ-MS, WGFN-NY, WYMB-SC, 1500--  
 KBAL-TX, 1510--WVAP-SC, WCPL-SC,  
 1420--WADX-GA, KZMO-MO, WMYN-NC, 1520--WIGC-KY, WZBR-MS, WCSP-MS, WBHT-TN  
 1430--WPHK-AL, WRMG-AL, KMRC-LA, KNSP-MN, 1530--WKEZ-FL, KBWS-SD,  
 WDJ5-NC, WCLT-OH, KALV-OK, WCOG-SC, 1540--KKDI-AR, WVKM-MI,  
 1440--WJBS-SC, 1550--KXOJ-OK,  
 1450--WSMQ-AL, WDEK-AL, WWJB-FL, WGPC-GA, 1560--WRDJ-AL, WLJA-GA,  
 WBHF-GA, WKKK-ME, WCEA-MA, WQIC-MS, WCLI-NY, WKAL-NY, WGNB-NC, WJZS-NC,  
 WHKP-NC, WCRS-SC, WLAF-TN, KBEN-TX, 1570--  
 KCFI-TX, KMBL-TX, KCYL-TX, KMHT-TX, 1580--WZFL-MS, KBYP-TX,  
 WBBB-WV, CPAB-NS, CBGA4-QU, CHRT-QU, 1590--WPSI-FL, WALY-KY, WFJT-KY, WWRT-TN,  
 1460--KCGI-AR, WBPA-KY, WRLB-NJ, WRKB-NC, KYCX-TX,  
 WEMR-PA, 1600--  
 1470--WEGN-AL, WCLA-GA, WTOE-NC, KVIN-OK,

by state

AL--31-WMOO--660, WZZX--780, WQKX--870, WWHR--920, WGRR--960, WXYV-1000,  
 WLTV-1080, WACQ-1130, WHEI-1170, WJBB-1230, WHOU-1230, WNUZ-1230, WMGJ-1240, WQFP-1290, WFRN-1330, WXXN-1340, WWRK-1340,  
 WSBM-1340, WFEB-1340, WELR-1360, WGYV-1380, WTCG-1400, WFFA-1400,  
 WZZA-1410, WPHK-1430, WRMG-1430, WSMQ-1450, WDLK-1450, WEGN-1470,  
 WRDJ-1560,  
 AK---2-KCHU--770, KIPW-1230,  
 AZ---1-KBZB-1230,  
 AR---6-KWAK-1240, KCAT-1340, KCGI-1460, KXAR-1490, KDRS-1490, KKDI-1540,  
 CA---0-  
 CO---0-  
 CT---0-  
 DC---0-  
 FL---19-WPGS--840, WYFX-1040, WONQ-1140, WCNH-1230, WIYD-1260, WIFC-1280,  
 WDLF-1310, WHOF-1320, WWFL-1340, WFSH-1340, WIRA-1400, WWJB-1450,  
 WMLB-1480, WXVQ-1490, WCKC-1490, WPXE-1490, WSIR-1490, WKEZ-1530,  
 WPSI-1590,  
 GA--19 WCEH--610, WBLW--810, WVOH--920, WGML--990, WEGC-1190, WCKJ-1230,  
 WGAA-1340, WBBT-1340, WALH-1340, WZEL-1380, WSGC-1400, WCOH-1400,  
 WADX-1420, WGPC-1450, WBHF-1450, WCLA-1470, WXYZ-1490, WSPB-1490,  
 WJLA-1560,  
 HI---0-  
 ID---0-  
 IL---0-  
 IN---1-WAOB-1280,  
 IA---0-  
 KS---0-  
 KY---9-WIDS--570, WSRG-1070, WEGC-1220, WANO-1230, WBPA-1460, WFKY-1490,  
 WIGC-1520, WALY-1590, WFJT-1590,  
 LA--15-KICR--900, KTOC--920, KXLA--990, KBCT-1070, KDLP-1170, KNEK-1190,  
 KSLO-1230, KASO-1240, KVLG-1270, KVOB-1340, WFPR-1400, KYLA-1400,  
 KMRC-1430, KCKW-1480, WIKC-1490,  
 ME---7-WMLI-1200, WQDY-1230, WSJR-1230, WSYV-1240, WLVC-1340, WHOU-1340,  
 WLKN-1450,  
 MD---0-  
 MA---1-WCEA-1450,  
 MI---1-WWKM-1540,  
 MN---2-KDLN-1340, KNSP-1430,

MS---18-WSSI-1080, WTWZ-1120, WGBA-1230, WHEX-1230, WAZF-1230, WMPA-1240,  
WGRM-1240, WYAM-1240, WCSA-1260, WGTE-1310, WJMB-1340, WKOZ-1340,  
WAML-1340, WMYQ-1410, WQIC-1450, WZBR-1520, WCSP-1520, WZFL-1580,  
MO---7-KYOO-1200, KFMO-1240, KNEH-1240, KBTC-1250, KSMO-1340, KSLQ-1350,  
KZMO-1420,  
MT---0-  
NE---0-  
NV---1-KROL--870,  
NH---0-  
NJ---1-WRLB-1460,  
NM---2-KLEA--630, KMIN-1400,  
NY---14-WQKA--850, WCHN--970, WBZA-1250, WSPQ-1330, WKSH-1340, WWSA-1340,  
WRNY-1350, WVIN-1380, WDNV-1400, WSLB-1400, WGFR-1410, WCLT-1450,  
WKAL-1450, WCDQ-1490,  
NC---28-WDLV--550, WQAB--590, WRNC--600, WTNC--790, WTTN--1110, WNCN--960,  
WAAA--980, WWWX-1000, WOOK-1060, WRNA-1140, WYRU-1150, WJAX-1230,  
WNNC-1230, WPHF-1240, WAGR-1340, WCEB-1340, WDRB-1390, WNCN-1400,  
WSIC-1400, WMYN-1430, WDTN-1430, WJMS-1450, WNCN-1450, WNCN-1450,  
WRKB-1460, WTQE-1470, WJOL-1490, WJOL-1490,  
ND---0-  
OH---2-WCTM-1130, WCLF-1450,  
OK---8-KRAD-1040, KBEL-1240, KINN-1340, KRID-1350, KENC-1400, KRLV-1430,  
KVIN-1470, KXOJ-1550,  
OR---0-  
PA---3-WTIV-1230, WJUZ-1310, WEMR-1460,  
RI---0-  
SC---17-WQKI--710, WRIX-1020, WALD-1080, WKDR-1240, WLSG-1240, WCKI-1300,  
WKSC-1300, WBNY-1370, WAGS-1380, WGTN-1400, WKDY-1400, WYMB-1410,  
WCOG-1430, WJBS-1440, WCRS-1450, WVAP-1510, WCPL-1510,  
SD---2-KQKD-1380, KBWS-1530,  
TN---16-WWCR--560, WIRJ--740, WCTA--810, WPFJ--850, WWGR--960, WORM-1010,  
WWEE-1170, WGSF-1210, WMLR-1230, WHRP-1270, WTNX-1290, WBJT-1330,  
WNBG-1400, WJAF-1450, WBHT-1520, WJRT-1590,  
TX---40-KURV--710, KPST--860, KHFA--910, KHFA--990, KETA-1000, KJJT-1000,  
KPXE-1050, KHJK-1060, KEZB-1150, KPHM-1150, KSIK-1230, KLLK-1230,  
KERV-1230, KLVT-1230, KEEB-1230, KVLP-1240, KAWS-1240, KBOX-1240,  
KEPS-1270, KRAN-1280, KBUC-1310, KANG-1340, KBOP-1380, KULP-1390,  
KUNO-1400, KKNX-1400, KEBE-1400, KDWT-1400, KBAL-1410, KBEN-1450,  
KCTI-1450, KMBL-1450, KCYL-1450, KMBT-1450, KWMC-1490, KVOZ-1490,  
KDOK-1490, KVLL-1490, KBYP-1580, KYCX-1590,  
UT---0-  
VT---2-WYKR-1100, WDOT-1390,  
VA---10-WCRR--660, WSPC-1140, WODI-1230, WAMN-1230, WKEY-1340, WBLB-1340,  
WHHV-1400, WHLF-1400, WBBL-1480, WPAK-1490,  
WA---0-  
WV---3-WRON-1400, WWBB-1450, WTCS-1490,  
WI---0-  
WY---0-  
AB---0-  
BC---5-CFTK--590, CFBV--870, CIOF-1040, CKTR-1230, CJER-1400,  
MB---1-CFAR--590,  
NB---2-CHLR-1380, GKMV-1490,  
NF---12-KCKM--620, VOWR--800, CHVO--850, CFIQ--970, CFLN-1230, CKIM-1240,  
CBST-1240, CKWK-1340, CFEN-1340, CBG--1400, CBDQ-1490, VOHP-1490,  
NWT--2-CFCT--600, CFFB-1230,  
NS---1-CFAB-1450,  
ON---5-CFLK-1230, CFLH-1340, CKRE-1340, CKOA-1490, CFRG-1490,  
PEI---0-  
QU---18-CFRP--620, CIPC--710, CKBH--790, CHMG-1150, CFVM-1220, CJAF-1240,  
CJMD-1240, CHAD-1340, CFED-1340, CKMG-1340, CBGA7-1340, CKVT-1340,  
CFVD-1370, CKRV-1400, CKRN-1400, CBGA4-1450, CHRT-1450, CKLR-1490,  
SK---0-  
YT---0-

## THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1630 KHz). "DX Monitor", the official publication of the IRCA, is published 3-4 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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Seattle WA 98111

# FIRST CLASS

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