



Foreign ✓

DX Monitor

Devoted Exclusively to
Broadcast Band DXing

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Flash Tips

Several major stories have come to our attention since last issue. One of the most noteworthy, via David Reitz, is the downing of WHAS-840's tower on April 5 during a windstorm. The tower fell at about 5 pm and WHAS did not return to the air until 1 am that night. On April 6, they managed to get a 90 foot tower erected and have since been operating at reduced power. A new tower won't be permanently installed for another two to four months. If you live near WHAS, this would be a good time to watch for silent periods and co-channel Latin Americans.....From Karl Zuk, Jim Hilliker, and Robert Wien comes the news that the U.S. Supreme Court refused to hear WNYC's appeal on a ruling barring them from further nighttime operation. WNYC had been operating under special authority from 6 am to 10 pm local time since 1943, but WCCO has challenged this authorization since the 1950's, claiming WNYC caused disruption of WCCO's signal as far away as Mississippi (apparently WCCO didn't care about Colombian, Belizian, and Cuban interference in Mississippi....). WNYC must now revert to daytime-only status unless they can get regular full-time authority.....In the believe-it-when-you-hear-it department, Charles Wick, USIA director told Congress in early April that Radio Marti will hit the air "some time in May" and will operate 1½ hours per day. This per a Broadcasting magazine article, via Robert Wien.....According to a Bishop, CA newspaper, via Jim Hilliker, KIBS-1230 changed call letters to KBOV on March 9 and changed format to automated beautiful music and nostalgia. The KIBS calls and cw format were moved to FM. The station (KBOV) will also carry Dodgers baseball.....Finally, as various people have reported elsewhere in this issue, KFYI-1310 has dropped their all-news format and severely curtailed their operating hours.

Did you ever have a WPE callsign? In the 1960's, Popular Electronics issued 40,000 of these "call letters" to DXers and SWLs all over the world. Now a group called the Great Circle Shortwave Society is compiling a directory of those who were issued these callsigns. If you were one of those people, send you WPE callsign, name, and address (city and state) to GCSS WPE Directory, Attn: Vern A. Weiss, Box 874, Kankakee, IL 60901. There is no charge for being listed. If known, please include the date shown on your registration certificate. Here's your chance to participate in another bit of 60's nostalgia!

The rest of this season's publishing schedule is as follows:

Issue	Masthead Date	Headquarters Deadline
31	May 18	May 11
32	June 15	June 8
33	July 13	July 6
34	August 10	August 3

Editor's deadlines are a few days before the headquarters deadline or as listed in their columns. Have a good DX-filled summer, gang, and report often to these hallowed pages.....73, bp.

800-528-1234

RADIO HIGHLIGHTS IRCA '85 PORTLAND CONVENTION

Wednesday

6:30 p.m. Sounds of Business. KBPS.
7:30 p.m. Nightfall. KBPS. "The Tell-Tale Heart" by Edgar Allen Poe.

10:05 p.m. CBS Radio Mystery Theater. KYXI. A ruthless heavyweight boxer keeps in shape by practicing on his estranged wife, but is challenged by the woman's lover, in "A Most Dangerous Animal."

AM Radio (kHz.)

- KQW ... 820 KJQ ... 1290
- KXL ... 750 KUPL ... 1330
- KPDQ ... 800 KUK ... 1360
- KGN ... 810 KPAM ... 1410
- KYTE ... 870 KBPS ... 1450
- KWJ ... 1050 KAAR ... 1480
- KKEY ... 1150 KYXI ... 1520
- KEX ... 1180 KVAN ... 1550
- KROR ... 1230

The 1985 annual IRCA convention will be held in The City Of Roses, Portland Oregon, the weekend of August 23-25 at the Kingsway Best Western Motel. Reservations should be made through the Kingsway Best Western Motel at 420 N.E. Holladay-Portland, Oregon 97232, Phone (503) 233-6331. All major credit cards are accepted and besure and tell them you are attending the IRCA convention, as a block of rooms will be set aside. Room rares are \$38.00 Single, \$42.00 Double, \$45.00 King. This includes tax.

The Banquet entree will be Swiss Steak with all the trimmings. The Kingsway Best Western Motel is near many eating places and a few blocks away is Lloyd Center Mall, where many shops and restaurants are located also. Downtown Portland is also quite close. The convention will formally begin at 9 AM-Friday with registration and refreshments (Beer, Pop, and Munchies) in the meeting room, with the usual get-acquainted sessions. Several tours are planned and will be announced later.

The annual Business Meeting and Auction will be held Saturday evening, after the Banquet. You can bring auction items with you or mail them to: Bill Block C/O Byers Photo-6955 Sandburg Street-Portland, Oregon 97223. (Prepaid)

The convention will formally conclude Sunday evening. We have a great weekend planned for you in Portland. Send your registration form to Bill Block-9307 S.E. Clay Street-Portland, Oregon 97216. We hope to see you there! Your convention hosts, Patrick Martin (Phone: (503) 861-3185-Eve)- Bill Block (503) 256-2354(Eve)

NAME _____ PHONE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

CONVENTION REGISTRATION \$15.00 WITHOUT BANQUET \$9.00

Transportation will be provided from and to the Portland International Airport, Bus, and Train stations. Prior arrangements must be made. Detailed directions will be available if needed.

I WILL BE ARRIVING ON _____ (DAY/TIME)

I WILL BE DEPARTING ON _____ (DAY/TIME)

MODE OF TRANSPORTATION _____

I WILL NEED TRANSPORTATION TO AND FROM _____

Holladay to Portland to Union Ave to 420 NE Holladay

** PREPAID RESERVATIONS MUST BE MADE AT LEAST 30 DAYS IN ADVANCE TO THE KINGSWAY BEST WESTERN MOTEL.

BROADCASTING INFORMATION

Greg Monti, 1301 S. Cleveland St. #356, Arlington, VA 22204
prepared 31 Mar 85

call	kH _z	day/night	st city
KVIP	540	1000/	CA Redding wants 5000/
WGTO	540	50000/1000	FL Cypress Gardens wants 50000/5000 (MSJ)
WDRV	550	500/	NC Statesville the sale of this station was dismissed and so was the call change to WEAM (see 1580 below)
WPAB	550	5000/1000	PR Ponce granted 5000/5000
WSGN	610	5000/1000	AL Birmingham granted WZZK (Starr NRC)
KJNO	630	1000/500	AK Juneau wants 5000/1000
WKBX	630	5000/5000	GA Savannah granted WBMG
new	640	10000/500	FL Royal Palm Beach granted construction permit (MSJ) (thought this was on 650 with 1000/); granted WLWJ
new	640	5000/1000	NJ Mount Holly granted construction permit (MSJ)
WHLO	640	5000/5000	OH Akron granted "appl to add night service with 500 W;" I show them as having been granted fulltime about 2 years ago, presumably with 5000/5000; maybe that was special temporary authority? They still have an application pending for 10000/1000
KGDP	660	1000/1000	CA Santa Vnez wants Orcutt CA (MSJ)
WLFW	680	1000/	FL Saint Petersburg granted WLFF
appl	700	1000/	AR Marvell
appl	700	5000/	MD Walkersville application returned (MSJ)
new	700	5000/	PA Shiremanstown granted construction permit (MSJ)
appl	700	500/	TX Coppell
appl	700	1000/	TX Lewisville
WUFF	710	1000/	GA Eastman appl for 2500/ returned; still show a pending appl for 5000/
appl	720	10000/	FL Hernando application returned (MSJ)
new	720	5000/	PA Shiremanstown granted WWII
WBAM	740	50000/	AL Montgomery granted WLWI
WSBR	740	1000/500	FL Boca Raton granted 2500/500 (2500/2500?) (MSJ)
new	750	500/	IL Brookport granted construction permit (MSJ)
new	750	10000/1000	TX El Paso granted construction permit (MSJ)
WJHW	770	10000/500	AL Athens is 10000/250 per verification received by Starr NRC
WKZY	770	10000/1000	FL North Fort Myers appl for 10000/2500 returned
new	770	1000/	KY Nicholasville granted WKYJ
WTSK	790	2500/	AL Tuscaloosa granted 5000/
WSST	800	250/	FL Largo granted 820 kHz and 50000/1000 (MSJ)
WSMJ	800	250/	KY Cave City granted 500/
KFRZ	800	500/	UT Brigham City wants 1000/
appl	810	500/	TX Somerset (MSJ)
appl	820	2500/	CO Falcon (Starr NRC)
new	830	1000/500	LA Norco granted CP (MSJ) granted WADU
WMMI	830	2500/	MI Marshall wants Shepherd MI (MSJ)
new	830	1000/	OH Cortland granted WLND
appl	840	5000/1000	NM Bernalillo application returned (MSJ)
appl	840	1000/	TN Frayser application returned (again) (MSJ)
new	840	2500/	VA Annandale granted construction permit in initial decision only, subject to change or denial
appl	840	500/	WI Plover (replaces earlier returned 750 kHz appl)
appl	840	500/	WI Seymour application returned (MSJ)
KTRB	860	10000/1000	CA Modesto granted 50000/10000 (50000/50000?) (MSJ)
WAEK	860	5000/	GA Atlanta wants Mableton GA
KPRM	870	2500/1000	MN Park Rapids granted 5000/1000 (Starr NRC); still have a pending appl for 25000/1000
KKMC	880	5000/1000	CA Gonzales wants 10000/5000
KIXI	880	50000/1000	WA Seattle wants 50000/10000 (MSJ)
appl	890	500/	FL Port Orange
appl	930	2500/2500	AK Unalakleet
new	930	500/500	IL Sandwich wants WCDJ
WRFC	960	5000/500	GA Athens appl for 5000/2500 returned then reapplied
new	980	1000/500	NY Cazenovia granted WJIW
appl	990	250/	WI Mayville application returned (MSJ)
new	1000	1000/	TX Marion granted KKJB
WBIX	1010	10000/	FL Jacksonville Beach appl for 10000/10000 dismissed (still show a pending appl for 10000/5000; active?)
KSMN	1010	1000/	IA Mason City granted KLSS

new	1020	250/	CT Sharon granted WKZE
new	1030	5000/	IL Vernon Hills granted construction permit(StarrNRC) wants WLMV
appl	1030	5000/	IL Vernon Hills appl dismissed in above Vernon Hills grant
appl	1030	???	WI Milwaukee appl dismissed in Vernon Hills IL grant
WBDX	1030	1000/250	TN White Bluff granted 10000/250
new	1040	1000/	AL Fort Deposit granted WQTX
new	1040	5000/	CO Monument granted KKRE
new	1040	10000/	KY Cannonsburg granted construction permit (MSJ)
WHGI	1050	5000/	GA Augusta wants WTCB
new	1050	500/	NM Los Ranchos de Albuquerque granted construction permit, granted KNXX
appl	1060	250/	OK Mustang
KIJN	1060	5000/250	TX Farwell "granted night service with 250 W"
KJEL	1080	250/	MO Lebanon granted 750 kHz and 1000/ (MSJ)
KANN	1090	5000/	UT Ogden wants Roy UT and 1120 kHz and 10000/1000
KBND	1110	25000/1000	OR Lend; this station, originally 10000/1000, applied for and received a CP for 25000/5000; they are now 25000/1000 and don't want the night increase after all, so are officially applying for what they already have: 25000/1000 (MSJ)
appl	1120	1000/	FL Destin
WQXM	1120	5000/	GA Gordon wants WMKS
appl	1120	1000/	LA Metairie
appl	1120	1000/	MS Petal
WMSW	1120	250/1000	PR Hatillo granted 5000/5000
appl	1120	5000/	TX Bridge City
appl	1120	2500/	TX Manor (may be on 1200) (MSJ)
WWCM	1130	500/	IN Brazil wants WSDM
new	1130	250/	PR Guyanilla granted WOIZ
KGEM	1140	10000/10000	ID Boise granted 50000/10000 (MSJ)
WHUE	1150	5000/5000	MA Boston granted WMEX
WQMR	1150	5000/	MI Skowhegan granted 1160 kHz and 10000/1000 (MSJ)
appl	1150	500/	MS Canton
appl	1170	1000/	FL Bushnell
WERU	1190	1000/	WI Sun Prairie granted WMAD
appl	1200	1000/	MO Kennett application dismissed (MSJ)
appl	1200	2500/	MO Lamar application dismissed (MSJ)
appl	1200	2500/	TX Manor (may be on 1120)
KBGD	1210	10000/500	AZ Sahuarita, MSJ says the calls are KQTL
WLBI	1210	10000/1000	LA Denham Springs granted WBIU
WAVI	1210	1000/	OH Dayton granted WDAO
new	1210	250/	TN Static granted construction permit (MSJ)
KIFW	1230	250/250	AK Sitka wants 1000/1000
KIBS	1230	1000/1000	CA Blahop granted KBOV
KGfJ	1230	1000/1000	CA Los Angeles currently operates 1000/1000 at all times except when KPPC 1240 Pasadena is on the air (2 nights a week), when KGfJ runs 1000/100. This appl is for 1000/400 on the "KPPC nights" (MSJ)
WFAI	1230	1000/1000	NC Fayetteville construction permit for 1200 kHz and 500/5000 cancelled (MSJ)
appl	1230	1000/1000	NE Chadron application returned, then reapplied (MSJ)
KTNC	1230	500/250	NE Falls City granted 500/1000
KLAV	1230	1000/1000	NV Las Vegas granted KEZD
WEEX	1230	1000/250	PA Easton granted 1000/1000
new	1240	1000/1000	AZ Quartzsite granted KYPB
KJOP	1240	250/250	CA Lemoore granted 250/1000 (MSJ)
WWC	1240	500/250	NC Wilkesboro granted 1000/1000
WJTN	1240	500/500	NY Jamestown wants 500/1000 (1000/1000?)
WNQG	1270	500/500	FL Naples wants 500/2500 (also has a pending appl for 1000/1000, already in effect?)
KORY	1270	5000/	NV Sparks granted KPLY
WSBL	1290	1000/	NC Sanford wants WKKD, wants WEYE (two appl's in a row, no grants yet)
KLER	1300	1000/1000	ID Orofino granted 5000/1000
WCOG	1320	5000/5000	NC Greensboro granted WGLD
WUNO	1320	5000/1000	PR San Juan granted 5000/5000
WELW	1330	500/	OH Willoughby appl for 500/500 returned
WRID	1330	1000/	PA Homer City wants WCCS; still has an appl pending for 1160 kHz and 1000/1000
KENU	1330	500/	WA Enumclaw granted 500/500

WEXL 1340	1000/250	MI Royal Oak granted 1000/1000
WKSX 1340	500/250	NY Jamestown granted 500/500
WLVL 1340	1000/250	NY Lockport granted 1000/1000
WOUB 1340	500/250	OH Athens granted 500/1000 (Starr NRC says 1000/1000)
KTOW 1340	500/250	OK Sand Springs granted 500/500
KBOT 1350	2500/	AR Cabot granted KYXZ
WKZU 1350	5000/	NH Laconia granted WMRS
KGMS 1380	5000/5000	CA Sacramento granted KSMJ
WBBX 1380	1000/1000	NH Portsmouth wants WAHV
WYSH 1380	1000/	TN Clinton wants 1000/500 (MSJ)
new 1390	5000/	CA Fields Landing granted construction permit (Starr)
KBBO 1390	1000/500	WA Yakima appl for 5000/5000 returned
KUNA 1400	1000/1000	CA San Luis Obispo granted KLTW
KCOG 1400	500/250	IA Centerville wants 500/1000 (1000/1000?)
WCYN 1400	500/250	KY Cynthiana granted 500/1000 (1000/1000?)
WDNY 1400	1000/250	NY Danville granted 1000/1000
KFTN 1400	1000/1000	UT Provo granted KXYC
appl 1400	1000/1000	WA Silverdale application returned (MSJ)
KPHA 1400	1000/1000	WA Tacoma granted KITZ
WELM 1410	2500/500	NY Elmira granted 2500/1000
KJCK 1420	1000/	KY Junction City wants 1000/500
KNTA 1430	1000/1000	CA Santa Clara wants 1000/2500 (MSJ)
WUWQ 1430	5000/5000	FL Panama City granted WKSD
WJRB 1430	5000/1000	TN Madison granted WLRQ
appl 1440	1000/	AR Pea Ridge (reapplies with lower power, but conflicts with recent 1440 grant at Bellefonte AR)
KGCA 1450	1000/1000	ND Rugby granted KZZJ
KEED 1450	1000/1000	OR Eugene wants KRXX ("K-rocks")
WPAF 1460	1000/	FL DeFuniak Springs granted WZEP
new 1460	5000/	NJ Mount Holly granted WRLB ("Real Life B'casting"), wants Florence NJ (MSJ)
WMMW 1470	2500/5000	CT Meriden wants 2500/2500 (MSJ)
KLTB 1470	1000/	KS Liberal granted KILS
KGHM 1470	500/	MO Brookfield granted KGNB
WKCK 1470	1000/1000	PR Orocovis appl for 1000/5000 dismissed
new 1480	1000/	ID Gooding granted construction permit (MSJ)
WCNS 1480	500/	PA Latrobe "granted decrease to 500 watts;" I suspect that this is a change in their <u>application</u> for 1000/500, which is being changed to read 500/500. The 500/500 <u>may</u> already be <u>granted</u> .
KLAY 1480	1000/	WA Lakewood wants 1180 kHz and 10000/1000 (MSJ); also show a pending appl for 2500/500 on 1480.
KXLQ 1490	500/250	IA Indianola granted 500/500
KYNN 1490	1000/1000	NE Omaha granted KEDS
KOKC 1490	500/250	OK Guthrie granted 500/500
WYKR 1490	1000/1000	VT Wells River wants 840 kHz and 5000/
KGMR 1500	1000/	AR Jacksonville granted KDJC (may have been erroneously reported as KBOX earlier)
new 1500	10000/1000	CA Burbank granted KRCK
WDEB 1500	1000/	TN Jamestown appl for Alladart TN & 820 kHz returned and then reapplied for (MSJ)
WAOA 1520	5000/	AL Opelika granted WZMG
WTLN 1520	5000/	FL Apopka wants 1510 kHz and 25000/
KABI 1560	250/	KS Abilene granted KSAJ
appl 1560	1000/	KY Hazard (MSJ)
KGHO 1560	1000/	WA Hoquiam granted 1490 kHz and 1000/250 (hmm, they apparently didn't get an automatic grant of 1000/1000 with the new rule now in effect; still show a pending appl for 1280 kHz and 5000/ which I doubt is active now)
new 1560	500/	WA Sumner granted KPTJ
WOKG 1570	500/	OH Warren appl for 830 kHz and 5000/ dismissed (Nolan TX); grant listed here previously was incorrect
WCLE 1570	2500/	TN Cleveland granted 5000/
WKBH 1570	1000/	WI Holmen wants 5000/
WFBZ 1570	5000/	WI Minocqua granted WMYM
WIZY 1580	1000/1000	GA Columbus granted WEAM
KXRK 1580	500/	IA Davenport granted KTSS
WCRV 1580	2500/	NJ Washington granted WSRR
WCCL 1590	5000/1000	MS Jackson granted WYHT
KCGS 1600	5000/	AR Marshall granted 960 kHz and 2500/
WRBN 1600	2500/500	GA Warner Robins granted WVIJ
WGIV 1600	1000/500	NC Charlotte granted 1000/1000
KASH 1600	5000/1000	OR Eugene wants KEED
WKBK 1600	1000/	TN Milan wants 2500/

The FCC has voted to delete Section 73.37(e) of its rules. That rule said that authorization of new or expanded AM operations had to bring service to unserved or underserved areas. In many cases this rule caused AM daytimers who wanted to go fulltime to re-license their stations to "underserved" cities, which usually turned out to be next door to the one they were last licensed to. The transmitter site and studio site often remained the same. Everyone knew the rule wasn't serving any purpose so now it's gone.

Eight Florida AM stations (WSUN 620, WVCG 1080, WCGY 850, WKAT 1360, WINZ 940, WQBA 1140, WIOD 610 and WNWS 780) have applied for a total of \$1.74 million in financial compensation for improvements they made to counter Cuban interference. The FCC is the government agency charged with doling out this money which was provided for in the legislation that created the not-yet-on-air Radio Marti. The compensation provision was written into the bill to prevent broadcasters from opposing Radio Marti. Broadcasters were fearful that Cuba would retaliate by interfering with them when Radio Marti was announced. There's \$5 million available in the fund for the FCC to distribute. (BC)

AM Stereo Update: Support for the Kahn-Hazeltine system seems to be eroding, per a report in Broadcasting 3/25. WGN 720 Chicago and WSPD 1370 Toledo have switched from Kahn to Motorola AM stereo. The problem: the proliferation of Motorola-only AM stereo receivers in cars sold by the big three automakers. Listeners call Kahn stations to complain they can't get them in stereo and no amount of explanation by the station's chief engineer that "there are two systems and your radio doesn't receive ours" corrects the listener perception that "the radio station is broken, not my radio." (BC).

Except as noted from the 18,25 Feb; 4,11,18,25 Mar issues of Broadcasting.

RADIO PROGRAMMING NOTES:

call	kHz	at city	
KFXM	590	CA San Bernardino	now adult standards, was contemporary hits(MSJ)
WFST	600	ME Caribou	now SMN country, was silent (MSJ)
WBMQ	630	GA Savannah	now rock oldies, was SMN country as WKBX (MSJ)
WCNN	680	GA North Atlanta	now talk (local days, network nights), was all news; keeps CNN Radio, adds ABC/Talkradio (Apel PA)
WAIS	770	OH Buchtel	new station is country/adult contemp (Starr NRC)
KXTC	790	CA Clovis	is now silent (Starr NRC)
WBHY	840	AL Mobile	now country, was rock oldies as WWAX (MSJ)
WPRQ	870	TN Colonial Heights	new station is contemporary Christian (MSJ)
KOYN	910	MT Billings	now silent, was soft rock/adult standards (MSJ)
WMNN	920	WV Fairmont	now adult standards, was adult contemporary (MSJ)
WYUS	930	DE Milford	now adult contemporary, was adult standards (MSJ)
WSLI	930	MS Jackson	now news-talk, was partly adult contemporary (MSJ)
WBEN	930	NY Buffalo	has the NFL Buffalo Bills thru the '89 season(KempNRC)
WMAZ	940	GA Macon	drops CBS, adds ABC (sub-net not specified) (Kemp NRC)
KTOK	1000	OK Oklahoma City	carries NBC Talknet 2300-0100 CT (Norfolk RIB)
KHWY	1030	CA Folsom	new station is country (MSJ)
KBSM	1030	MD Blue Springs	now rock oldies, was adult contemporary (MSJ)
KSPD	1050	WA Diahman	new station is religious (MSJ)
KRLA	1110	CA Pasadena	is supposed to have changed from whatever rock format it was before to rock oldies effective 3/4 under the new ownership of Greater Media. It's now the AM sister of KHTZ 97.1(BC)
KMOX	1120	MO Saint Louis	beat out KUSA 550 for three more years of broadcast rights to the baseball Cardinals (BC)
WCBX	1130	NC Eden	now religious, was SMN adult contemporary (MSJ)
WMEX	1150	MA Boston	now rock oldies, was easy listening as WHUE (Apel PA)
WKPE	1170	MA Orleans	now contemporary hits "Cape 104," was adult standards as WVLC (MSJ)
WDAO	1210	OH Dayton	now black, was news-talk as WAVI (MSJ)
KBOV	1230	CA Bishop	has been heard as easy listening, contemporary, and country since call change, reports seem to indicate that "contemporary" (whether "adult" or "hit," we don't know) is correct; was country as KIBS (MSJ and Wein CA)
KCBN	1230	NV Reno	now adult contemporary, was contemporary hits (MSJ)
KYOR	1240	AZ Globe	now silent, was Spanish/country as KSML (MSJ)
KHOT	1250	CA Madera	reported earlier to have changed to contemp hits, is still Spanish (MSJ)
KDHI	1250	CA Thousand Palms	now country, was adult standards (MSJ)
WZBO	1260	NC Edenton	now religious, was contemp hits FM simulcast (MSJ)
WPVA	1290	VA Petersburg	now adult standards, was easy listening as WYNT(MSJ)
WZUU	1290	WI Greenfield	now contemporary hits "AM-13," was country as WLZZ
KGHX	1300	AK Fairbanks	now silent pending sale, was adult contemp (MSJ)
KFYI	1310	CA Oakland	adds ABC Entertainment net (Kemp NRC)
WDCT	1310	VA Fairfax	now religious telephone talk/contemporary Christian, was easy listening as WEEL (Fairfax Journal)

WGLD 1320 NC Greensboro now easy listening, was rock oldies as WCOG (MSJ)
 KCNN 1340 OK Oklahoma City now news-talk with CBS and CNN nets, Larry King
 at 2300 CT (Norfolk RIB)
 KBUK 1360 TX Baytown now country/adult contemp mix, was local/SMN country
 mix before (MSJ)
 KAMT 1360 WA Tacoma now album rock/oldies/variety, was adult contemp (MSJ)
 WGNW 1370 WI Sussex now silent, was all news (Reiger NRC)
 KBAE 1380 WA Everett now adult contemporary, was somewhat contemporary hits
 as KRRD (Hardy WA)
 KLTW 1400 CA San Luis Obispo now soft rock/adult standards, was easy
 listening as KUNA (MSJ)
 WKSD 1430 FL Panama City now adult standards, was country as WWWQ (MSJ)
 WGCA 1450 SC Charleston now soft rock/adult standards, was adult standards
 WWML 1470 PA Portage now adult contemporary, was country as WRML (MSJ)
 WDEE 1500 MI Reed City apparently relays WWKM 1540 Harrison MI; WDEE's
 address and phone are both at WWKM, same owner (Starr NRC)
 KAGY 1510 LA Port Sulphur now religious/gospel, was country (MSJ)
 KKGZ 1510 WA Mountlake Terrace now silent, was contemporary hits (MSJ)
 KLSY 1540 WA Bellevue now adult contemporary "Classy," was jazz as KJZZ
 (Hardy WA)
 KQYX 1560 MO Joplin now news-talk in drivetimes, contemp hits in midday,
 was contemporary hits at all hours (MSJ)
 KCVR 1570 CA Lodi now religious, was Spanish (MSJ)
 WPGC 1580 MD Morningside format still adult contemp, but slogan now "Classy
 95;" real calls used only on hour; FM (95.5) call has
 changed to WCLY and 2 stations still 100% simulcast (Monti)
 KOGO 1590 CA Ventura now SMN/Stardust adult standards, was country as KBBQ
 WALY 1590 KY Gray new station is religious (MSJ)
 KFJT 1590 KY Inez now religious, was country (MSJ)

Networks: ABC/Talkradio has decided to continue originating its
 overnight programming (Ira Fistell and Ray Briem) from KABC 790 Los
 Angeles. To do so, ABC has cut costs, including dropping the toll-free
 lines for that time period (new number 213-870-TALK). The net has 93
 affiliates. (BC) CNN Radio, which has existed as a shadow of the CNN
 Headline News television network for three years, is planning to come into
 its own in 1985. The existing top-of-the-hour newscasts which run from
 0500 to 2200 ET will expand to 24 hours, a newfeed (actuality) service
 will begin and staff and studio equipment will be beefed up. CNN Radio has
 also completed a move from a "cable satellite," Galaxy 1, to a "radio
 network satellite." Satcom 1R. (BC) NBC will be following each of the NFL
 games it'll begin broadcasting next season with live, call-in, post-game
 shows. Most will be 1 hour long, some longer. (BC) Westwood One net will
 air a live, 3-hour benefit radio program to raise money for the hungry in
 the US and in Africa. Titled "Radio USA for Africa," it'll feed 4/21 at
 1500 EST. (BC) Mutual has extended its rights to carry the Sugar Bowl for
 three more years. (BC)

Effective sometime in April, United Stations has bought the RKO One
and Two radio networks plus RKO Radioshows, the syndication arm, for around
 \$20 million. RKO Radio Networks have been in business only since 1979 but
 RKO One is already the nation's #2 radio network in total listeners over 12
 years old. United Stations at one time thought about, and dropped, the
 idea of building its own radio network. Once the sale closes, the networks
 will be renamed United Stations Radio Networks One and Two and
United Stations Entertainment Network. No radio stations are involved in
 the sale although you may hear the new names announced on RKO's 600
 affiliates. (BC)

The Georgia Network has gone off the air except for farm news
 programs. This comes almost a year after it filed for reorganization under
 chapter 11 of the bankruptcy laws. It has 36 affiliates remaining. GN's
 upstart competitor, Meredith Broadcasting's Georgia Radio News Service, has
 145 affiliates including 40 who jumped from GN. (BC)

Syndication: United Stations began offering "The American Music
 Magazine Starring Rick Dees" on 2/25; a weekday, 1-hour show about music
 and personalities in the top 40. "The On-Line Computer Connection" is a
 new magazine show for home computer users, 5 minutes daily. It's sponsored
 by the Compuserve computer network and listeners can file comments with the
 program's producers via Compuserve. (BC)

Otherness: Expect some changes in major market AM station ownerships,
 formats and call letters when the \$3.5 billion sale of ABC to Capital
Cities Communications goes through later this year. In several cases, ABC
 and Cap Cities own radio stations in the same markets and Cap Cities will
 have to "spin off" (sell) several to comply with the FCC's one-service-to-
 a-market rule. (The Commission no longer permits sales which result in new
 crossownerships of radio and TV stations in the same market. New

cross-ownerships of AM and FM stations are allowed. Here's a summary of the markets the two companies now have in common:

Market	Cap Cities Station	ABC Station	Likely for sale
New York	WPAT 930 NJ	WABC 770	both WPAT and WABC*
	WPATFM 93.1 NJ	WPLJ 95.5	both WPAT-FM and WPLJ*
Los Angeles	KLAC 570	KABC 790	both KLAC and KABC*
	KZLA 93.9	KLOS 95.5	both KZLA and KLOS*
Chicago	--	WLS 890	WLS*
	--	WLS-FM 94.7	WLS-FM*
San Francisco	--	KGO 810	KGO*
Detroit	WJR 760	--	WJR*
	WHYT 96.3	WRIF 101.1	both WHYT and WRIF*
Providence RI	WPRO 630	(none.....but see below)	
Dallas-Ft Worth	KSCS 96.3	KTKS 106.1	anybody's guess
Houston	--	KSRR 96.5	KSRR*
Buffalo NY	WKBW 1520	--	WKBW*

The * indicates sale will probably be needed to comply with the radio-TV cross-ownership rule. (Presumably, the TV station would be kept, radio sold.) "Anybody's guess" in the "Likely for Sale" column means the two stations have about equal coverage areas so it isn't clear which will be sold. Other factors, such as how much the network's unionized employees cost, will likely be the deciding factors in which stations get the heave-ho. In the case of Providence RI, it's possible that WPRO has a primary coverage area which overlaps the coverage area of WABC 770. The FCC has allowed such overlapping conditions (same owner, same band) to exist in cases before their regional concentration-of-ownership rule was enacted. The FCC is expected to be tighter with the rule book this time and WPRO may have to be sold. Note that this doesn't show all the stations ABC and Cap Cities own, just the ones that might be in conflict. (BC and Monti)

(BC=Broadcasting, RIB=Review of International Broadcasting, MSJ=M Street Journal (published by RadioPhiles), NRC=National Radio Club DX News)

RECENTLY ANNOUNCED (and still pending) STATION SALES:

WETC 540 NC, KFRM 550 KS, WSGN 610 AL, KRKE 610 NM, WEEG 670 GA, KZEY 690 TX, KUET 710 AZ, WROM 710 GA, WOHS 730 NC, KSSS 740 CO, KVFC 740 CO, WCAS 740 MA, WMBC 740 VA, WAKY 790 KY, WJW 850 OH, WPRQ 870 TN, WPRX 880 PR, WFLN 900 PA, WTXN 910 AL, KVAA 910 SD, KIKM 910 TX, WSEV 930 TN, WESA 940 PA, KXLA 990 LA, WMUF 1000 TN, WCST 1010 WV, KTNQ 1020 CA, WWIC 1050 AL, WHGI 1050 GA, WJXY 1050 SC, KWAI 1080 HI, WSLG 1090 LA, WBOZ 1090 PR, WWVE 1100 OH, WCMC 1130 IN, KBAL 1140 TX, KJAN 1220 IA, WEZG 1220 NY, WGGG 1240 MN, WWON 1240 RI, KHOT 1250 CA, WCKM 1250 SC, KIKZ 1250 TX, WEXI 1280 FL, WFYC 1280 MI, WCLG 1300 WV, WDKD 1310 SC, KAVI 1320 CO, WCAI 1350 FL, WLLY 1350 NC, WISV 1360 WI, WYNK 1380 LA, KLIZ 1380 MN, WBBX 1380 NH, WTNL 1390 GA, WHLB 1400 MN, WDXA 1410 GA, WAMK 1410 MA, KASI 1420 IA, WBSM 1420 MA, WSHU 1420 MI, WBRB 1430 MI, WBSR 1450 FL, WTHU 1450 MD, KNET 1450 TX, WPLM 1450 VA, WCIN 1480 OH, KOAW 1490 NM, WCRJ 1530 FL, WFRL 1570 IL, WKOL 1570 NY, WJFT 1590 KY, KDEX 1590 MO, WPOM 1600 FL, WRNC 1600 NC, KDAL 1600 ND. Station sales dismissed: WDRV 550 NC, WXXR 1340 AL, WNVN 1380 CT.

Replacing the R70's PBT Filter

Gerry Thomas

As has been widely proclaimed, the ICOM R70/R71 family of communications receivers is a potentially outstanding breed. A recurring complaint about these receivers, however, centers around ICOM's choice of filter in the passband tuning (PBT) circuit when receiving in the AM mode. The R70 (and I assume, the R71/A) uses a muRata CFW455HT ceramic filter in this mode, a relatively inexpensive filter with the following specs---6kHz at -6dB, 18kHz at -50dB and a maximum stopband attenuation of 35 dB. The last figure is of particular interest in that nearby signals of even moderate strength can find their way under the skirts of this filter and produce audible (occasionally intelligible) interference. This state of affairs is in stark contrast to the outstanding performance of the FL44/A, an optional (and expensive---\$159.95) filter available for the SSB PBT circuit.

The obvious solution to the PBT-AM problem is filter substitution. Unfortunately, space limitations are such that very few high quality

filters are available which will fit and no quality filters (to my knowledge) have the same (strange) terminal lay-out as the stock CFW455HT. So, early attempts at correcting the PBT-AM problem revolved around mounting filters on the underside of the circuit board and bending filter leads to fit. This method, as well as the one whereby a filter was mounted nearby and connected to the solder points via heavily shielded cable, did not succeed because signal leakage at one point or other negated the improved specs of the more expensive filter. (Similar difficulties had been encountered in the past when trying to substitute high quality filters in certain brands of portables (i.e., Panasonic).) It became obvious that a more drastic solution was needed---a small, high quality filter would have to be found and the tracings on the circuit board reworked.

Finally, I did locate a ceramic filter of much higher quality than the stock filter, and of nearly identical size. Installation is not that difficult but is really not for the faint-hearted because new mounting holes must be drilled in the circuit board and copper tracings must be removed. Nonetheless, selectivity is improved and leakage is nil. In fact, I've modified my R70 so that the super FL44A can be used in the AM PBT mode and I can detect no difference in leakage between the FL44A and the substituted filter. Incidentally, the filter used in this mod is the muRata CFG455I with the following specs---4kHz at -6dB; 10kHz at -60dB; and a stopband attenuation of 70dB.

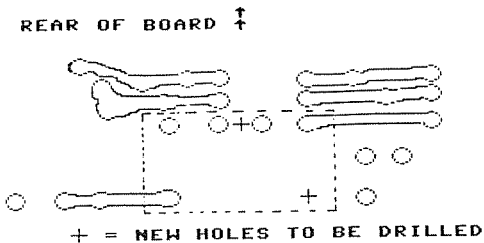
Before performing this mod, make sure that your warranty has expired because the procedure described below will undoubtedly terminate it.

What you will need--

- (1) muRata CFG455I filter
- (1) hand or power drill
- (1) #60 drill bit
- (1) soldering iron and solder
- (1) desoldering tool or wick
- (1) Phillips head screwdriver
- (1) razor blade or X-acto knife
(a Dremel tool with a small grinding bit is much preferred, however).
- (1) length (<2") of hook-up wire

Procedure

1. Remove top cover of R70 as per manual instructions.
2. Locate on top of the circuit board the AM PBT filter. It's labeled F15 on the schematic and is at the left rear of the board.
3. Follow instructions in the manual for accessing the bottom of the main circuit board. These are the same instructions in the manual for installing the FL44 crystal filter in the SSB PBT circuit; but, obviously, you won't be installing an FL44 so don't remove the SSB filter, resistors, etc. You just want to get at the bottom of the circuit board.
4. Locate the solder points of the stock ceramic filter on the underside of the board (see illustration).



STOCK CERAMIC FILTER TRACINGS

5. Using your desoldering tool, remove the solder from the five (5) solder points and remove the filter from the board.
6. Now, take the new CFG455I filter and bend the ground tab on the filter so that you can press the filter against the copper tracings on

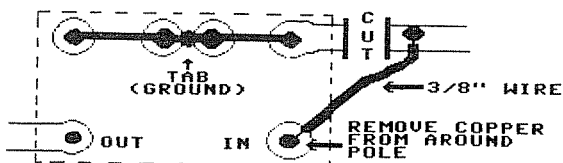
the bottom of the board and thereby create indentations to mark the places to drill the new mounting holes. You will have to drill two new holes (one for the input terminal and one to accommodate the ground tab) and you will have to enlarge the existing mounting holes (in the three remaining corners) to accommodate the slightly larger terminals of the new filter.

7. Drill/enlarge the holes as illustrated; drill from the copper tracing side of the board (to avoid ripping the tracings from the board).

8. Take your razor blade/X-acto knife or Dremel tool and carefully cut or grind away the circuit board coating that surrounds the hole which you drilled for the tab of the new filter (you want to get to bare copper):

9. Now remove the coating as well as a small circle of copper that surrounds the new hole you drilled for the input pole of the new filter. When you insert the new filter, you don't want this pole touching any of the surrounding copper.

10. Finally, cut or grind away the copper tracing as illustrated below.



CFG4551 CONNECTIONS

11. Now insert the CFG4551 on the component side of the board (the space formerly occupied by the stock filter) and press down firmly so that the new filter is seated snugly against the circuit board.

12. Fold the ground poles of the new filter toward each other so that they meet at the ground tab of the filter.

13. Bend the tab against the board tightly and solder the poles and tabs to each other and to the circuit board.

14. Take a 3/8" piece of ordinary 18-20 gauge hook-up wire (I tried shielded wire and ferrite beads with no discernable improvement over the hook-up wire) and solder one end to the pole marked 'IN' on the illustration.

15. Scrape away the plastic coating on the illustrated copper tracing and solder the other end of the 3/8" wire. Route the wire away from other solder points and press against the circuit board.

16. Replace the circuit board and top cover of the R70.

You have now completed the filter substitution mod.

Turn on the R70 and notice that the travel of the PBT knob is much tighter than before. That is, intelligibility on moderately strong stations is lost at about the 9:00 and 3:00 o'clock positions (instead of 7:00 and 5:00, if at all). Most importantly, if you performed the mod correctly, you should be able to detect no difference in levels of audible splatter between the PBT 'on' and 'off' positions when tuned a few kHz away from a strong station.

If you are interested in this mod but can't find the muRata CFG4551, I'll mail you one for \$19 (ppd) or I'll perform the mod for you for \$30 (plus return shipping). Please send inquiries or questions to: Gerry Thomas, 3635 Chastain Way, Pensacola, FL 32503.

Finally, I have not tried the preceding mod on the R71/A but I assume the procedure is identical. I would be very interested in hearing from anyone who tries the mod on these later models.

73's---GT



the irca technical column

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In recent years, use of the cassette recorder for taping DX has become widespread. Reasonably good cassette machines are cheaper than reel to reel recorders and easier to use. Their main disadvantages are the limited amount of recording time dictated by the size of the cassette (though slower speed recorders exist, see below), and lengthy cassette tapes seem to be improving in quality), and the restricted input/output on some of the cheaper machines.

The cheapest cassette recorders include a playback amplifier and speaker and are intended for recording speech only, i.e. audio reproduction is not so good. Their brand name is usually something stamped on before it's put out in the drugstore or five and dime. Some do not even have an external microphone input, let alone an auxiliary audio input intended for recording from a radio, and are thus virtually useless for taping DX from a receiver. One can, at a pinch, put the machine near the radio and record direct from the speaker into the internal microphone, but that method can introduce a lot of extraneous noise, and your DX audio is probably not all that clean to start with. In A DXer's Technical Guide (page 49 or see IRCA reprint M-12), Gerry Thomas shows a method for connecting a receiver tape output to a microphone input of a recorder which has no auxiliary input jack. In Gerry's design, one should experiment with resistor values for best results with the equipment one is using. Besides the lack of an auxiliary input, disadvantages of the cheaper cassette recorders may include a lack of a tape counter (useful for finding IDs), lack of manual control of recording level together with a decent recording level indicator, and questionable quality control. Companies like Sony and Panasonic make simple cassette recorders with higher prices--the question here is whether you're paying for quality or for the name. Obviously, the better known companies can't afford to put out junk, but I've not had enough experience with a variety of recorders to say whether a Sony recorder will last longer and have better recording quality than an "el cheapo" or (ahem) a Realistic. However, if you're only occasionally recording from an inexpensive portable, it probably isn't worth it to pay top dollar for a recorder.

But if you have a reasonable DX receiver, you're likely to want a good recorder. For many of us, a stereo recorder would only be necessary for DX taping while you sleep (WWV time signal goes on the second channel), or for putting a voice commentary concerning the DX on the second channel. Also, many stereo recorders are decks and require an amplifier for playback. For those who are considering a good mono recorder, read the following:

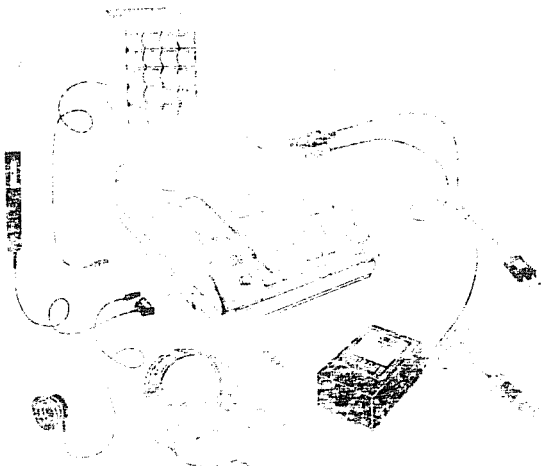
The Superscope C-202LP

by Dennis Kibbe

I call the Superscope C-202LP a "DX recorder" because it has many features ideal for DXing. Here is my catalog of minimum features for DXing:

- 1) Good overall quality and ruggedness
- 2) Stable speed
- 3) Good audio
- 4) Doesn't load down receiver, robbing signal from phones or speaker
- 5) Cue and Review functions, to find ID's fast, and repeat them quickly
- 6) Auto power off in all modes
- 7) Ability to monitor incoming signal, for radios without recording output jack.

The C-202LP has all these and more! Construction is above average: large, well-placed controls; power is from a built in transformer, 120 volts only, or, 6 VDC external, 4 C batteries or a Nicad pack that will charge automatically. Input jacks include both mike and an



auxiliary input which works well with radios that only have an earphone jack. Record level can be set auto or manually. There is a real VU meter. The speaker is large, audio is powerful, and there's a tone control.

Now for three features that really set this unit apart from the crowd. Half speed recording! Yep, up to two hours recording time on one side of a cassette. Up to three hours if you use the Super Thin TDK C-180 tape, and unlike other recorders I've tried, it will record properly on this tape without distortion. Playback speed is variable $\pm 15\%$. Want to copy a tape made with weak batteries? No problem. This control will bring the pitch back to normal, or use it to play back a CW tape at a speed that you copy. The last feature is something I've not seen before on a cassette recorder. In addition to a 1/8 inch earphone jack on the side, there is a $\frac{1}{4}$ inch jack on the front. Just plug your communication headphones right in! I like to connect the recorder to the speaker jack of my SPR-4 and then listen through the headphones connected to the recorder...then I can switch from play to record and back to repeat ID's etc.

The Superscope C-202LP sells in the US for about \$100. A second model, C-200LP is about \$20 less, but lacks manual record level setting and variable speed playback. Superscope/Marantz makes (or used to make) a number of recorders with this sort of quality and features, but unfortunately most are being discontinued. The only ones remaining will be the C-202LP and C-200LP mentioned above, and one 3-head stereo model, the 430 which has a \$400-\$500 price tag.

Regarding tapes, I find the TDK series D cassettes seem to give the best performance/cost ratio. They stand up well to repeated use and provide 15 minutes to 90 minutes of recording time per side.

A further note to my headphone review (DX Monitor, Nov. 24, 1984), I picked up a pair of Sony stereophones MDR-S30. Good for DX, too! Has large (2-3/4") earpads, 6 foot cord, good sealing around ears, unimatch stereoplug (1/8" and $\frac{1}{4}$ "), comfortable for long wear and earpieces pivot for flat carrying. Priced under \$30, and with a good sound.

*

(part of the above article first appeared in CIDX Messenger; the following article is reprinted in full from the Messenger. Should we call this the CIDX Technical Column?)

*

The Sony ICF 2010

by Don Moman

The January 18 edition of Media Network featured a review by Jonathon Marks of the new receiver from Sony, the ICF2010 (or ICF 2001D outside North America). Their comments were detailed in the March 2 DX Monitor (page 8). Since I now have one in my possession, my comments follow:

Basic facts and specifications: Coverage is AM 150-29,999 kHz, FM 76-108 MHz, AIR 116-136 MHz. Built in antennas for all bands. 4 inch speaker, 380 mw of audio, .775 mV tape output (low level for "mic" input on recorder). 3 D cells (2 AA for computer memory) of 4.5 volts external power. Battery life should be 8 hours with standard 1.2 amp/hr D NiCads, considerably (30-40 hrs) longer with fresh alkalines. 32 memory channels, each will store frequency, mode and bandwidth. Keyboard plus tuning knob frequency input system. LCD readout to .1 kHz. 4 digit 12/24 hour clock with 4 timers, each capable of selecting the frequency as well as on/off times. Versatile memory and band scanning functions, modes keypad selectable. Size is 288 x 159 x 52 mm (11.375 x 6.375 x 2.125 inches w/h/d) which is very similar to the 2001. Weight is 1.7 kg, nearly 4 pounds.

Performance wise, the 2010 comes off as a very competent package. Readout to .1 kHz, with stability to match, 32 memories and key pad tuning might make you think I was describing the ICOM R71! And in many ways, the 2010 is a more "portable" version of the R71. Many of the comparisons in this review are made with my R71.

Tuning the set is accomplished 3 ways. A very easy to use keypad--just hit the numbers, then EXECUTE and there you are. Slightly simpler than the R71--no leading or trailing zeroes need be entered. Tenths of a kHz entry is not allowed in the 2010, only a small complaint here. A manual tuning knob is also provided--two tuning steps (.1 and 1 kHz increments) are switch selectable. 50 kHz/rev in fast, 5 in slow. Minimum steps are 100 Hz with no provision for fine tuning (RIT)--this is an unfortunate situation, but

with the special "sync" feature it becomes much less of an annoyance. More on that later. But for utility and ham listening it still is a shortcoming, especially if you have a CW/RTTY decoder--they may require unusually precise frequency resolution.

The third way of tuning is via the J2 button (64 function) memory preset system. Each of the J2 presets will store frequency, mode and bandwidth (plus a "skip" feature). Each button (most of them, anyway) has a second function that is used to define scanning parameters, and can also take you to a preset band edge instantly. Example, hit shift and C1/41m and you'll be at 7.000.0 instantly, no matter where you were before. Hitting scan will then only scan that portion of the spectrum. Conventional upper and lower scan limits can also be defined. Keys are provided for LW, MW, 120 through 11 meters, FM and AIR. It may sound complex but it is very easy to use and requires an absolute minimum of keystrokes to accomplish a function. The 4 x 8 matrix of memory preset buttons is more versatile than the rotary stepper switch on the R71, since any memory may be selected in any order.

Some form of fine tuning, like the 2001 had, would be nice on this set, as it tunes in 100 Hz increments at minimum. 10 Hz may be a bit much to expect in a small portable, especially in this price range; to build a good spectrally pure 10 Hz PLL is not a simple or cheap task--the R71 is probably the lowest priced set to have such a good PLL. The only other complaint is the noise the PLL makes as you tune. There's a popping sound as the PLL unlocks momentarily. The same noises are found in the R71 but they are much less noticeable there.

Sensitivity using the built in whip seemed to be low, but compared to other sets which I know to be at least of average sensitivity (Sony ICF 7600A, Panasonic 6300) it was almost identical. It should be significantly better than the 2002, which was insensitive. With an external input, it was very good, and kept up with the R71 on all frequencies above the ECB range. The R71 became the leader as the frequency decreased, but then my R71 is not "stock"--the front end has been modified for better MW performance.

Measured performance (HP606 RF generator) indicated that it could just detect a .08 microvolt signal at 9.5 MHz, and at 1000 kHz sensitivity had fallen to 1 uV. Quite comparable to a stock R71 actually. The 10 LED S-meter reads values of 1/1.5/2/2.5/3/5/10/25/50/80 uV at 9.5 MHz for the 1 through 10 LEDs. Notice that the "9" LED is exactly 50 uV. At 1000 kHz, the meter started indicating at 20 uV with all values correspondingly higher. One nice feature with the antenna input--unlike almost any other portable--is that the external antenna plug, when inserted, cuts off all internal antennas. Not just the whip but even the LW/MW internal loops. Very nice for the DXer who wishes to use an external directional loop or FM/AIR directional beam system. Surprisingly, the shielding is very good too. With a dummy plug inserted to cut off the internal antennas, only faint audio from my locals could be heard, and my locals are VERY local! My compliments to Sony for incorporating this into their design.

FM performance was only fair, in my opinion. It seemed reasonably sensitive (2 stations about 100 miles away came in fair) but it seemed on the verge of overloading as well. AIR band performance was poor--using only the telescopic whip the set received no audio on the local airport flight information frequencies, while my Radio Shack PRO-30 handheld scanner was able to provide just barely readable audio. And I don't consider the PRO-30 to be above average in sensitivity.

Surprisingly, an external SW antenna did not introduce severe overloading from my strong locals. At my DX'pedition site near Cooking Lake (still with strong locals but free from externally produced spurious signals) the 2010 suffered no more (or less) overloading than the R71 on the SW bands. MW held up quite well, but LW was awash with images. Here the problem is compounded by the already low sensitivity on this band. Still, LW is not that important to the majority of listeners, I'm sure. Unfortunately, it is important to me, so the 2010 is not my dream LF receiver, and it only covers LF down to 150 kHz. Overall it performed surprisingly well, better than any other portable with the exception of the much higher priced Sony CRF-1.

Selectivity is rather typical for a portable. The wide filter is w-i-d-e and provides good audio when conditions permit. The narrow filter is adequate in that it provides much relief from QRM but still allows quite respectable audio. Measurements I made indicated a wide value of 10 kHz (16 at -50 dB) and a narrow value of 5 kHz (8 kHz at -50 dB). A third, narrower choice for SSB would be useful. Using the 2010 in either USB or LSB while listening to a conventional AM signal AM signal is nearly totally

unsatisfactory, since the 100 Hz tuning steps are far too large to permit in-phase tuning. However, a small button labelled "sync" does the job very well and automatically. Tuning to the high side of the signal will cause it to lock onto the USB portion, and vice versa. As to whether it helps much--it can reduce the impact of fades, and does allow you to choose the least interfered sideband with ease. But it also adds some background noise (a high frequency hiss), quite noticeable on weak signals. On some signals (ones with a lot of random fades and rather weak too) it adds another noise --a burbling sound. It's no doubt caused by a confused PLL circuit, wandering about looking for a signal to lock onto. Sometimes the noise would stay even after the signal came back; turning off the sync and then turning it back on would get rid of the noise. Not unexpectedly, if there are two carriers present within the lock range of the circuit (typically 1400 Hz), the circuit cannot choose between them. Tahiti on 15170.25 was producing a strong het this morning, and the audio on the 2010 was hopeless; without fine tuning there was no way to manually zero beat the signal. The R71 fared much better, as it should. Listening to RCI on 11945 at 2130 for the SWL Digest, which suffered severe splash from Gabon on 11940, the 2010 again fared worse than the R71.

Other Features:

A separate clock display (only 4 digit) is 12/24 hour selectable. It is also the heart of a useful timer function which allows you to program 4 "on" times, each of which selects a frequency stored in a particular memory channel. The tuning dial is used to set the clock times--both forward and reverse setting make it very easy to use.

Memory and band scanning are quite versatile but the scanner will only stop on relatively strong signals. It scans so quickly that weak signals are not even audible, and unlike the R71, there seems to be no adjustment to slow down the scan rate. On FM the scan consistently stops before, during and after a strong signal. You can scan several ways--predefined "bands", user defined limits and all memory channels (you can program in a "skip" function too); and the set can either pause for 1.5 seconds on each strong signal or stop scanning altogether.

Audio from the 4 inch speaker is certainly not in the "ghetto blaster" tradition, and bass response is obviously lacking in such a small set. A 3 position tone control is provided. I would rate it to have good audio for the SWL but only fair for FM. Panasonics and other portables have better FM sound, possibly at the expense of their weak signal SW audio.

Overall, I quite enjoy the ease of using the 2010, and it makes an excellent companion for use with the R71, but when reception conditions get difficult it soon becomes obvious that there is nothing terribly exceptional about its ability. The "sync" feature does little to improve things. A narrower filter would certainly help matters, but I haven't checked out the inside of the set yet--there may very well be no room to do any experimenting with better filters. Price is listed as \$520 (Canadian) and the set seems to be in quite plentiful supply already.

* * * *

Sloping Random Wire Antennas

by Jim Herkimer

In his phasing unit articles, Mark Connelly mentioned the minimum antenna length for passive systems is about 120 feet. In order to accommodate this length in the space available, I simply tilted the wires using available supports. I've found these sloping wires preferable to horizontal ones for phasing experiments. It makes no difference which end is fed, directionality is always from the low end, which makes it equally convenient for those with shack locations on second or third floors, as opposed to those with basement or first floor locations. Although a slope angle of 45 degrees is desirable, angles as great as 60 degrees will still show a pronounced directionality. With the slopers used here, (120 feet long, at 60 and 170 degrees), minimum phasing unit adjustments are required to cover a large portion of the band. Often, only one LC module is needed, simply to peak the wire favoring the direction of the propagation opening. Under these conditions, actual phasing is reserved for stations that are seldom heard/desired, and/or masked in adjacent channel interference. In short, it pays to optimize the wires to be phased

At our cottage, I use a 120 foot sloper at 160° which runs down to the dock at the edge of the St. Lawrence River. This has proven to be an effective Caribbean antenna. Unfortunately, during the summer months, there is considerable ignition noise from the numerous outboard motor boats

on the river. I tied a short piece of copper tubing to the end of the sloper, and tossed this into the river. This has proven effective in reducing the noise, but also narrowed the beamwidth, as normally dominant stations to the west, in Ontario, are now completely absent. I've not experimented with various resistors, as I have been quite happy with the antenna thus far. Incidentally, I had a neighbor remove the copper tubing from the river at timed intervals. The effect was similar to throwing a switch. The differences in response were quite remarkable. Also, this terminated sloper was excellent for longwave trans-Atlantics, while a similar length wire at horizontal was poor, even though the horizontal wire favored Europe on BCB.

We know about resonant antennas using sloping elements from the ham press: Inverted Vees, Delta Loops, and the $\frac{1}{2}$ and $\frac{1}{4}$ wave slopers; these consistently show better low angle response than horizontal arrays. However, at BCB frequencies, such short wire lengths (in terms of wavelength) require some investigation.

* * * * *

...still on antennas, I'd like to add a couple of extra comments to "Notes on Mediumwave Beverage Antennas" in the Jan 12/85 DXM. Further experiments have changed my tune a bit about termination of Beverages. If the ground is damp at the end of the wire, and you have plenty of QRM off the back of the wire, then use a termination by all means...In a recent DXpedition to the west coast of Vancouver Island, two wires were put out at 270⁰, one terminated at the far end to a single ground rod via a 560 ohm resistor; both wires were 1000' long. In this situation, almost all domestics were off the back of the wire, and desired DU DX was all that was off the front of the wire. In the early evening, the terminated wire sounded quite "dead", as domestic strength was not as good on this one as the unterminated wire. As the DU's started fading in, they were readable first on the terminated wire and continued more readable all morning, due to less domestic splatter. This was a universal observation, at least up to the middle of the band; there was little DU activity above about 1100 kHz.

In another later experiment, a 300⁰ wire was laid out along a beach, again 1000' long, and unterminated. Although conditions favored Asiatics that morning, using a TRF with Shotgun loop, very little improvement in DX signals was noted when the wire was hooked up to the TRF. This was not unexpected; the ground under the wire was salty and damp, with the ocean close by and parallel to the wire, and it would seem that the excellent ground conductivity severely restricted the action of the Beverage antenna.

--NHP

* * * * *

Morning Distributing Co., P.O. Box 717, Hialeah, FL 33011, offers a number of kits of possible use to the homebrew receiver builder. Included are kits for an audio preamplifier and power amplifier, active modulators or mixers, AM envelope detector, IF amplifiers, SSB product detector, crystal oscillators and buffers, RF amplifiers/mixers etc. These boards are intended for use in an amateur radio SSB transceiver, but many of the boards would be useful to the MW experimenter. The kits range in price from \$4 to \$10 complete with etched board and parts. For full circuit details of available kits, send \$2 to the above address. The company also offers parts including 365 pF air-variable capacitors for \$1.49, which sounds like a steal.

*

The latest Fair Radio catalog, WS-85, once again includes spare parts for the R-390A, but the mechanical filters are down in price, e.g. 2 or 4 kHz filters now go for \$35.

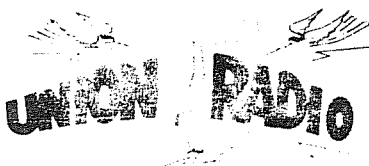
*

--that's it for now. 73, Nick

SISTEMA DE EMISORAS ADVENTISTAS DE GUATEMALA

*¡Clamad a voz en cuello que aqui y en lontananza,
escúchase el preludio más bello de la Voz de la Esperanza!*

UNION RADIO 1330 KHz. A. M.
ADVENSTEREO 105.5 MHz F. M.
LA VOZ DE LA IGLESIA ADVENTISTA
EN LATINOAMERICA, 6090 Y 5980
KHz. ONDA CORTA BANDA DE 49 METROS



RT-1 REMOTELY-CONTROLLED ANTENNA TUNER
 =====
 Article 3: Control Box and Cable Construction

Mark Connelly, WA1ION

27 DEC 1984

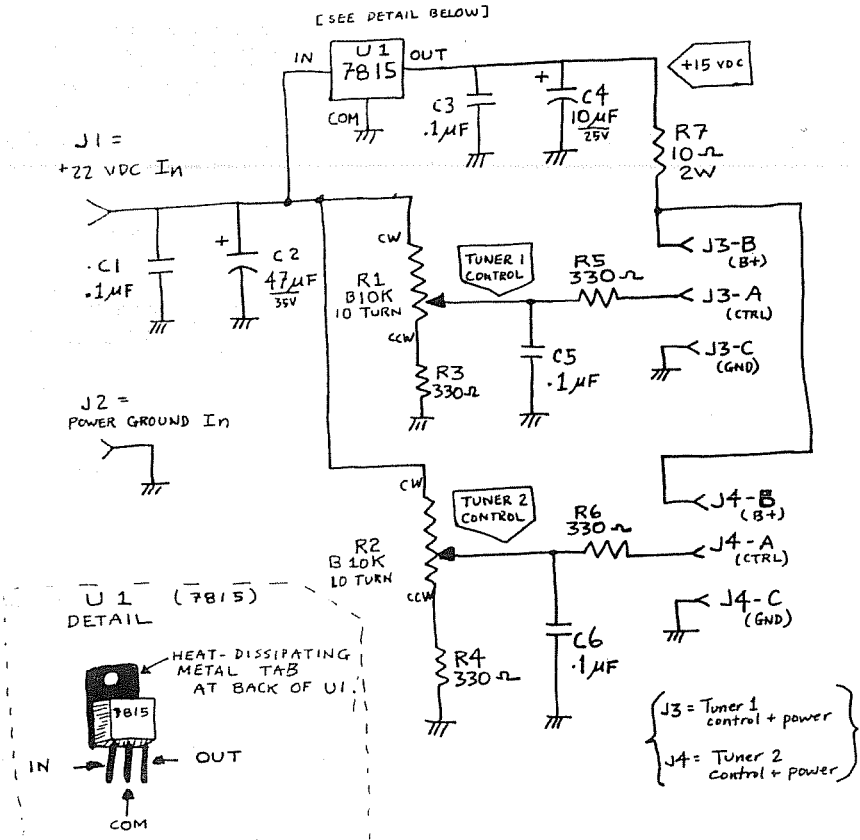
Article 1 of this series, dated 24 OCT 1984 introduced the RT-1 remote antenna tuning system. Article 2 (26 DEC 1984) gave details necessary to build the remote tuner box part of the RT-1 system.

This article (RT-1 Article 3) provides information required to build an operating-position control box (DTC-1) capable of controlling one or two RT-1 remote tuner heads.

Construction details will follow the same paradigm used in Article 2: outline, parts list, hole list, and wiring & component-connection list.

Part I: DTC-1 Dual Tuner Controller Box

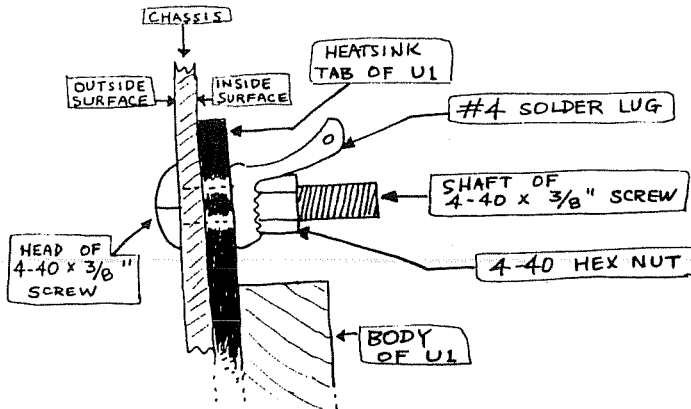
Figure 1: DTC-1 Schematic Diagram



Construction Outline

1. Read this article thoroughly before starting the project. Keep a copy of the article in the work area.
2. Obtain the parts specified in the Level 1 & Level 2 Parts List. Organise them in work area.
3. Ensure that customary electronics tools are available: Refer to construction outline given in RT-1 Article 2.
4. Measure & mark chassis box hole locations; then drill holes (initially with a $\emptyset.113$ " bit, then with the final size bit if hole is to be larger). Consult Hole List.
5. Mount U1 to the chassis using G1 mounting / grounding hardware in accordance with Figure 2.

Figure 2: +15 V Regulator Mounting



6. Mount G2 & G3 hardware at the locations specified by the Hole List: assembly is the same as that used in Figure 2 except that there is no regulator IC at the G2 & G3 locations.
7. Mount the following components (using hardware supplied with each component): J1, J2, J3, J4, R1, & R2. "Loctite", or a similar substance, should be painted onto the mounting threads of each jack and pot during mounting to prevent later loosening and slippage.
8. Install knobs on R1 & R2 so that the pointers are at the 6 o'clock position when each pot is set fully CCW.
9. Connect wires and "air-wired" components in accordance with the Wiring / Component Connections table. Use good soldering practice, including cleaning of flux from all joints. Leads of all "air-wired" components should be kept as short as possible without putting stress on the leads.
10. Inspect finished DTC-1; set it aside and proceed to Part II (Cable Construction).

Parts List for DTC-1 Dual Tuner Control Box
 =====

NOTES: Prices (current DEC 1984) are subject to change.

Level 1 list = electrical & major mechanical components
 Level 2 list = small hardware (a total estimated price
 is given instead of item-by-item listings)

Stock #'s for mechanical (hardware) components and for
 fixed resistors represent packs having more than the needed
 number of components.

RS = Radio Shack - many locations
 MOU = Mouser Electronics - 11433 Woodside Ave. - Santee, CA 92071
 DK = Digi-Key Corp. - P. O. Box 677 - Thief River Falls, MN 56701
 me = Mark Connelly - 30 William Road - Billerica, MA 01866

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Level 1

Component Designation	Description	Vendor	Stock #	(US \$) Est. Price
C1	.1 uF monolithic cap.	DK	P4525	0.18
C2	47 uF/35V electrolytic cap.	RS	272-1015	0.69
C3	.1 uF monolithic cap.	DK	P4525	0.18
C4	10 uF/25V tantalum cap.	DK	P2049	0.82
C5	.1 uF monolithic cap.	DK	P4525	0.18
C6	.1 uF monolithic cap.	DK	P4525	0.18
J1	banana jack (red)	RS	274-662	1.39
J2	banana jack (black)	RS	274-662	1.39
J3	stereo headphone jack	RS	274-277	1.39
J4	stereo headphone jack	RS	274-277	1.39
R1	10K, 10-turn pot	me	B10K-10T	3.50
R2	10K, 10-turn pot	me	B10K-10T	3.50
R3	330 ohm resistor	RS	271-1315	0.39
R4	330 ohm resistor	RS	271-1315	0.39
R5	330 ohm resistor	RS	271-1315	0.39
R6	330 ohm resistor	RS	271-1315	0.39
R7	10 ohm / 2 W resistor	RS	271-000	0.69
U1	7815 regulator IC (+15V)	RS	276-1772	1.59
--	knob for R1	MOU	45KN017	0.54
--	knob for R2	MOU	45KN017	0.54
--	chassis box (5.25"X3"X2.125")	RS	270-238	2.49

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Level 2

NOTE: Mounting hardware is supplied with the following Level 1 components: J1, J2, J3, J4, R1, & R2.

The builder must provide hardware as follows:

Components (Qty.) where used	Total Qty.	Description	Vendor	Stock #
G1(1),G2(1),G3(1)	3	4-40 X .375" screw	MOU	572-01881
G1(1),G2(1),G3(1)	3	#4 solder lug	MOU	565-1416-4
G1(1),G2(1),G3(1)	3	4-40 nut	MOU	572-00484

Estimated total cost of hardware actually used to construct the DTC-1 is \$ 1. Approximate total cost of all DTC-1 parts is \$25.

Hole List for DTC-1 Dual Tuner Control Box

BOX USED = (approx.) 5.25" X 3" X 2.125" aluminium
(Radio Shack 270-238, or equivalent)

See RT-1 Article 2 for definitions of parameters X, Y, & D.

LEFT SIDE

Hole #	Comp. Desig.	Description	X	Y	D
1	J2	GND In, banana jack	-0.375	0.5	0.3125
2	J1	+22 VDC In, banana jack	-0.375	0.5	0.3125
3	G1	Ul mounting/GND hardware	0.0	1.25	0.113

TOP SIDE

Hole #	Comp. Desig.	Description	X	Y	D
1	R1	Tuner 1 Control Pot	-0.875	1.375	0.375
2	G2	GND hardware (int. lug)	0.0	2.0	0.113
3	R2	Tuner 2 Control Pot	0.875	1.375	0.375

RIGHT SIDE

Hole #	Comp. Desig.	Description	X	Y	D
1	J3	Tuner 1 CTRL/PWR Out, shaft	-0.625	0.625	0.375
2	J3	Tuner 1 CTRL/PWR Out, tab	-0.625	0.34375	0.14
3	G3	GND hardware (int. lug)	0.0	0.375	0.113
4	J4	Tuner 2 CTRL/PWR Out, shaft	0.625	0.625	0.375
5	J4	Tuner 2 CTRL/PWR Out, tab	0.625	0.34375	0.14

Wiring / Component Connections for DTC-1 Dual Tuner Control Box

NOTES: W = insulated wire (approx. #22 AWG)
BW = bare (solid) buss wire

Use "spaghetti" (plastic insulation) on all component leads longer than 0.5".

On J3 & J4 the A pin is that which mates to the tip end of the plug inserted; the B pin is that which mates to the plug's centre section (neither the A nor the B pin mates to the outer shell (ground)).

Dual Control Box Wiring / Component Connections

INSIDE BOX:

From	To	Description
J1	J2	C1
J1 (+ of C2)	J2 (- of C2)	C2
J1	U1 In pin	1" W
G1 lug	U1 GND pin	2" W
G1 lug	J2	1" BW
U1 Out pin	jct. C3/C4/R7	4" W
G2 lug	jct. C3/C4/R7	C3
G2 lug (- of C4)	jct. C3/C4/R7 (+ of C4)	C4
J4 pin B	jct. C3/C4/R7	R7
U1 In pin	R1 CW pin	2" W
R1 CW pin	R2 CW pin	3" W
R1 CCW pin	jct. R3/R4	R3
R2 CCW pin	jct. R3/R4	R4
jct. R3/R4	G2 lug	3" W
R1 arm	jct. C5/R5	2.5" W
R2 arm	jct. C6/R6	1.5" W
jct. C5/R5	J3 pin A	R5
jct. C5/R5	G3 lug	C5
jct. C6/R6	J4 pin A	R6
jct. C6/R6	G3 lug	C6
J4 pin B	J3 pin B	2" W

Part II: RTC-50 Control, Power, & RF Cable Assembly (Length = 50 feet / 15 metres)

The control, power, & RF cable assembly, designated RTC-50 (Remote Tuner Cable - 50'), provides transfer of +15 VDC power, +0.7 to +22 VDC varactor control, and power ground between one of the DTC-1 control box output ports and the input port of an RT-1 tuner box. Furthermore, a coaxial section of the RTC-50 sends RF from the RT-1 tuner back to the receiver (or the input of an amplifier or phaser) at the operating position. Audio-type cable is used for DC transfer. The two 50' cables are tie-wrapped together to form a single assembly.

Construction Outline

1. Read this article thoroughly before starting the project. Keep a copy of the article in the work area.
2. Obtain the parts specified in the Parts List. Organise them in work area.
3. Ensure that customary electronics tools are available: Refer to construction outline given in RT-1 Article 2.
4. Prepare the RF cable by screwing an F-to-BNC adaptor onto each end. Then set the RF cable aside until step 8.
5. Strip about 2" of outer insulation from each end of the 50' Control / Power Cable (Radio Shack 278-1275). Then, at each end, remove about 0.5" of red-wire and clear-wire insulation.

- Assemble a stereo phone plug to each end by soldering control cable wires to plug connection pins as follows (use ohmmeter to verify wire-connection-pin -(to)- plug-section correspondence):

Designation	Cable Wire	Solder to plug pin that corresponds to:
A (Control)	red	tip of plug
B (B+) (+15V)	clear	central section of plug
C (GND)	shield	large ground section of plug (closest to cable)

- Wrap waterproof tape over areas at which each plug's solder-connection-zone-cover meets an insulated control cable end.
- Tie-wrap (at intervals of approximately 2') the RF cable to the control cable to permit about 1' of separated cables at the tuner end and about 5' of separated cables at the operator "shack" (receiver) end.
- Test finished RTC-50 with an ohmmeter for proper C & I (Continuity and Isolation). If two RT-1 tuner heads are to be controlled, a second RTC-50 should be fabricated.

Parts List for RTC-50 (50'/15 m.) Cable Assembly

NOTES: Prices (current DEC 1984) are subject to change.

There is only a Level 1 parts list for the RTC-50 cable assembly.

RS = Radio Shack

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Level 1

Description	Vendor	Stock #	(US \$) Est. Price
50' coaxial cable w/F plugs	RS	15-1526	7.99
50' control cable (2cond.+shld.)	RS	278-1275	5.19
F female to BNC male adapter	RS	278-251	2.39
F female to BNC male adapter	RS	278-251	2.39
stereo phone plug	RS	274-285	1.49
stereo phone plug	RS	274-285	1.49
tie-wraps (package of 30)	RS	278-1632	1.59
electrical tape (roll)	RS	64-2348	0.49

(+ solder, as required)

Estimated cost of parts to construct the RTC-50 cable ass'y: \$24



Western DX Forum

★ ★ ★ ★

WCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald, 1632 J St., #3, Eureka, CA 95501

HEADLINES - 30 APRIL, 07 MAY, 04 JUNE, 02 JULY

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

From his matchless DX'ing location in Hawaii on 05 March, at 7 PM his time, Dr. Richard Wood reported hearing LR1 Buenas Aires on 1070. He mentioned the music was mostly tangos reminding me I have a lot of memories about that station extending back into the late '30s.

I gave up DX'ing the BCB in '32, and for years didn't even own a radio. In 1938, though, I acquired an 8-tube G.E. receiver, AM plus short wave, and before long I had discovered LR1 in the 31-meter band. Don't believe they called it Radio Mundo in those days, but they did call it, "el-airy-uno en Buenas Aires."

And they filled the air with this utterly thrilling music of the tango, which I learned to love then and I still do. Tango imitations of it that you may have heard occasionally from the likes of Vincent Lopez or Lawrence Welk. The Argentine musician performs tricks on those little lap accordions that put Welk's accordionists to shame. They are alive where his are half-dead. So you can put me down as a long-time aficionado of Argentina tango music as they perform it in Buenas Aires.

So, one night in 1946-7, I think, I was home in Cincinnati listening to LR1 on SW. The phone rang and it was a call from a radio survey outfit, wanting to know what station I was listening to at that minute. At that time I was working in WLW's news room, and the girl on the phone was expecting me to give her one of the Cincinnati stations. I knew she was set-up for that and had them all listed on the pad in front of her. Knowing full well I was wrecking her survey and relishing the opportunity to do it, I said to her, "Now you take this down. I am listening to station LR-one in Buenas Aires, Argentina." (Love it, love it. I've always wanted to do something similar to Arbitron or Birch, hi-Rth.) Never before or since have I received that kind of telephone call. And I have no idea how that radio survey tallied that fellow in Cincinnati caught listening to Buenas Aires. Maybe I was put in a miscellaneous category.

I logged LR-1 a couple of times maybe ten years back, and I haven't heard in recent years any SW service from Argentina that does justice to tango music. (As a Journalism major, Gene, I appreciate your journalistic mark-ups. You've still got the touch. You ought to see UPI and AP stories now. Gone are the "rip and read" days; I have to correct them first-Rth.)

RICHARD E. WOOD, P.O. BOX 5074, HILO, HI 96720 (808) 966-7091

Like most DX'ers, I dislike Daylight Savings Time, but at least here in Hawaii there are two redeeming features. First, we don't use it, and second, it means that midnight PDT is only 9 PM our time. And importantly, my local midnight is then 6 AM on the East Coast, giving me a more convenient listening time for possible EC s/ons. And at this season, the EC is actually showing better strength than in winter. Or perhaps the major difference is that stations in western Canada and Alaska are weaker. I've never heard WNBC 660 at such a level as on 06 April during SSS, with no sign of CrFR. Jamaica 700 has become a regular, though no luck with other Jamaicans, nor yet with Barbados or Trinidad. Probably the best Cuban these days is 670, though 1360, not too often reported from the East, is often dominant, and has the edge of a higher frequency. Europe is still in, and I wonder whether it will be heard even in midsummer. Africa seems more likely then.

Bob Cudlipp, the talkshow host on WGY 810, sent a studio monitor tape of the interview he did with me. I had some feedback to the show, mostly from people interested in moving to Hawaii and from isolated DX'ers unaware of DX clubs, logs, DX'ing techniques, etc. I amazes me that, every time a station interviews me on the air, and even without much advance promo, there are good relevant phone calls from DX'ers or interested listeners. Makes me think we are just scratching the surface with our limited club memberships.

Gardner Smith refers in DXWWE 22/27 to Willie Conover. He was never the star of the "Morning Show." He was and is the long-established host of "Music USA," including its segments such as the Jazz Hour and Now Music USA. These are broadcast mostly in the evening in target areas. VOA mornings have various hosts including Phil Irwin, whom I met at ANARC Arlington 1983. Conover has always been strictly a music host, never a magazine, show announcer.

Still no sign of KAHU 1060 Hilo, which has a CP. The project is unknown to the local radio and newspaper community and hasn't been mentioned in the local press. With 1060 one of my top DX frequencies, providing KYW, CJAM, Chile, Mexico, Cuba and much more, I hope it's delayed or shelved. Likewise, no sign of KPUA 970's move to 670. Aloha. (Many CP's have gone on for years and then dropped. Weed, California even had calls, KDAD, was listed for years, but no action-RtH.)

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

The convention is coming along quite well now, after all the problems with management changes, etc. Bill Block and I hope to have a good turnout. We had hoped to have the convention on the Oregon coast at Seaside, but the place we were planning on upped their rates so high it was impossible, like from \$40 per night to \$100! There are very few places on the coast a convention can be hosted, that is if you want banquet facilities and meeting rooms. There are numerous smaller motels and not too much else. The few larger motels are quite expensive. (Gee, sounds just like our area - they too double the rate in summer - greedy SOB's, hi-RtH.) There'll be a registration form in the bulletin soon.

DX of late has been rather slow. By what I've heard from Dave Williams and Bruce Portzer, I've missed out on some good mornings for TP's of late. With my locksmith business going great guns, especially because of all the great weather on the coast this year, I've been kind of burned out lately. Hopefully I'll get over that and back to the dials.

Very few new reports out: China 981 and KPAK 1230. Veries in from: KBKR 1490 (now all I need is KPRB 1240 to have all of Oregon veried), CRRB 1010, KQLX 890 (1 kw ND), XBBX 1600, WTSO 1070, KBEE 630 (ex-KSHR), WIL 1430, Urumqi, China 1521, W. Germany WDR 1593, KGHO 1490 (ex-1560), KTOL 1280 (ex-1500), CKOO 1240 (15 months), KID 590, KEIN 1310, KVEG 1410 and KOAC 550. Good DX to all and 73.

MARC BERGMAN, P.O. BOX 6286, OXNARD, CA 93031

My cup runneth over with ceramic filters. Thanks to Dennis Kibbe and Gerry Thomas, I now have several top quality Murata filters to test. It looks like a shootout, their Muratas versus my Vernatrons. I'm making a circuit board to mount the filters for test. I've found that it's important to have a good ground plane when mounting the filters for test or for use. Gerry had some interesting comments via phone call and letter concerning filter choices. His experience with narrow bandwidth, i.e. less than 4 kHz at -6db, mechanical filters show their performance to be less than expected for AM reception. I've noticed this with a mod I had done on my RG-7 using a high quality ceramic filter versus the Dittmore-remuth mechanical filter shown in my test. While the M' reduced the QRM the resulting audio was so bassy that speech was hard to decipher. When the high frequency audio portion is removed by the filtering you can improve readability by removing some of the low frequency audio. I believe that any filter mods to a receiver should also take into consideration a mod to the audio channel reducing the low frequency response. This improves the intelligibility and makes speech sound more natural. This is mentioned by both Chuck Hutton and Ray Moore in the NRC Receiver Reference Manual Volume 1. I would like to hear from others about their experiences with filter mods. I'm still planning on using a Collins filter in my RG-7. But my mod has become a little more complex. I'm going to use a different I' section following the filter, a better AGC section, post I' filtering, a synchronous detector, audio filtering, and whatever else I can fit on the board. This mod should also be adaptable to other receivers.

I really enjoyed all the forums in the anniversary issue. I also liked the articles by Dr. Wood and Mark Connelly. I've found these types of articles very handy in focusing on DX areas of interest. 73. (Welcome to the "blue pages" of DXM, Marc. I have a favor to ask of you - can you train your computer to double space next time? My poor bloodshot eyes, hi-RtH.)

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504 (818) 846-3244

Hi everyone. It's 0105 PST on 01 April as I write here at work. Attended a nice GTG at Paul Swearingin's place on 31 March. Stayed a few hours. I arrived first, then Jim Hilliker stopped in, then of all people, John Clemmer of Illinois. He was here on a business trip and also doing a lot of air checking. Later, Greg Hardison and his wife arrived. Lots of talk of former radio personalities and old calls, plus showing equipment.

Greg told me KGFJ uses a tower on the USC campus now instead of the old longwire site at Oak and Washington in Los Angeles. Possibly same tower used by KUSC-FM until they moved. Address is 3616 University Avenue.

Regarding the vacant 1500 Burbank. If the applicant can't find an appropriate transmitter site, he may have to revert to a single tower with lower power or really revert to the former frequency of 1490. (I have a verie from KBLA 1490, Gary-RtH.) I do think Burbank should have its own station. Can't really count KLAC/K7LA as they're licensed, of course, to Los Angeles.

Well, time to get busy. DX'ing here at work - yup, I thought I'd keep Nancy busy this time. 73.

RIC HEALD, 1632 J ST., #3, EUREKA, CA 95501

Well, just typed up verifications three and four, Sweden and Japan respectively since I unofficially took over v/s post at KRED. The one from Sweden sent a cassette, amazingly clear, nearly fade free, with ME! It's a trip to hear yourself from several thousand miles away. Thanks for the report, Arnie. Was shortly after midnight our time. And speaking of that, I've never had a shift that extended from evening to morning before, and I have the darndest time converting a weather forecast from "this evening" to "this morning."

For you Night Time America fans, some bad news. RK0 was recently sold, and last NTA program will be 31 May. Same for Countdown America. Needless to say, we're not exactly happy at KP DJ, hi.

Have a mystery here. I think I heard Homer, Alaska. Heard a s/off at 0105 PST on 15 April, thought I heard KCMY although they're listed at KCNL, but they mentioned their FM, KGTL, which fits, plus some FM translators. It's an hour past listed (NRC Log) s/off time. Didn't note any other Alaskans. Some patriotic type music played after s/off, but too much KGW.

Who has Night Time America on 1390? Finally nailed down now fulltime KLIQ 1290 Portland (you wouldn't believe KHSL's strength here) with dual ID of Portland/Lake Oswego. Took call change on KINF 1240 Sacramento (not easy getting past KP0D) and also heard Ranchera music on 1240 - Lemoore? And although veried about 15 years ago, heard KRDR 1230 Gresham, Oregon well atop 1230 on 09 April at 0313 PST, first time heard in about 15 years. And, finally, who was carrying Wolfman Jack on 1110, KRLA?

Gene Martin, I touched on poor newswriting for the wire services and I'll give you an excellent example of someone who graduated from college with a BA in journalism, who really had about an 8th grade education. It was AP and at KNBA Vallejo right after Reagan had been shot. The story referred to Hinckley as the assassin. I stopped dead in my tracks, admonished the news writer and proceeded to corrected the wording to "would-be assassin" on the air. Not too professional (neither is KNBA, hi), but I'm sick of uneducated high school and college graduates. For a real horror, you should read our daily fishwrap, the "Un-Timely, Sub-Standard, hi (Times Standard).

See 'ya in 14. 73 de Rth. .

EASTERN DX FORUM

RICHARD EVANS
P.O. Box 1264
NORTH WALES, PA 19454

Deadlines: 5/4 6/1 6/29 7/23, ?

Ernest Cooper, 5 Anthony Street, Provincetown, Massachusetts 02657

Some have said the FCC is no help when it comes to seeking aid from them for radio interference. I have not found this to be true. I have been suffering interference on the FM band ever since the Americal Cable Company - East strung its lines through Anthony Street. I do not subscribe to their FM service, but I do to the TV super-basic (Boston and Providence channels, plus WOR, WGN, WTBS, etc.). But I get images, spurs, leaks, or whatever you choose to call them, on several different frequencies on my McIntosh FM tuner - Realistic receiver combo. They have been trying for one year now to eliminate this interference - have done several re-wiring jobs in some homes and guest houses in the area, which has temporarily alleviated the interference, only to have it return in all its "glory" in a few days, or whenever anybody on the FM Cable moves his/her receiver - so their engineers tell me. The FCC was notified by me, to their Boston office, which relayed my letter to Washington, D.C., and they have gotten after the cable company to correct this problem with about three different letters over this period, sending me copies of those letters. Recently they sent a letter saying "Case closed; situation corrected". Well, it has once again become "uncorrected" and I have gotten after the cable people again, and mentioning I will re-open this case with the FCC if it is not corrected by April 30. I want this stuff, like, H50, MTV, Cinemax, NOAA Weather Radio, and some FM stations which they placed on frequencies other than the station's own, eliminated by the expected start of the FM E-Skip season, or my name ain't "The Old Left-Handed Band-Master!" ... Veries are in from CKAN-1480, now AN-6 with C&W music, and WMRE-1510, "Memory Radio", local, with oldies, NSP. WIZY-1580, Columbus, Ga., begain IDing as WEAM on 4/10 AM, logged & reported u/CBJ's infernal TT. They never veried the WIZY reports (2 of 'em) so a f/up was sent along with the new report for the new call. (Ernie, they didn't for me when they were WCLS, either--rce) Also, KFI was heard on April Fool's Day for the first time in two years, and two days later, WWLS through them, with no Cuban noted, for a newie, reported. Wouldn't-cha know, my first new Oklahoma log in a decade would have to be a "W" and a "K"! Forward March:

John H. Demmitt, Box A K0648, Bellefonte, Pennsylvania 16823

The luck of the Irish must have been with me on March 17th as I was scanning the MW. My fingers froze when I heard the voice of a BBC announcer at 2300 UTC giving the news, telling about the warning Iraq gave to the world airlines having flight paths over Iran. I could not believe this was England as the SIO was coming in with 444. The thought occurred to me that perhaps Canada was finally relaying the BBC over their MW. I glanced at the frequency and heard the sound of the French programming replacing the BBC announcer as I noticed the frequency was 860. I was listening to CJBCL...Toronto, Ontario, Canada. A switching mistake caused two minutes of the BBC programming to fill the air on MW in Canada and the United States. If Canada would relay the BBC on some of their outlets, we might find a lot more people taking an interest in MW radio. (John, in regards to your question of the French station on 1060, I can't hear it here. At 20 miles, KYW's impossible to null--rce)

Jim Hall, 240 Byron Road, Pittsburgh, Pennsylvania 15237

During my observations on the use of a 275' terminated wire at approx. 60 deg. and a parallel unterminated wire of equal length, I found the terminated (and grounded) wire to outperform the unterminated wire for TADX. Best exemplified on Algeria-891 - the unterminated wire produced minimal signal and maximum splash when the terminated/grounded wire was the complete opposite. This was the case on other frequencies as well although not all were as evident as the 891 reception - but still there was a noticeable difference, all favoring the terminated wire. With this, I would definitely recommend termination of liberal sized longwires if they are aimed at wanted bearings. I wonder if Pat Martin's terminated 200' 1w yields similar results? These two wires will shortly be phased thanks to that guy in Ogunquit, Maine, and numerous excellent articles produced by Nutton/Connelly, etc. In Doug Nyholm's "A Simple Guide to Beverage DXpeditions" he compared Beverages erected with 22 AWG and stated that the larger wire size indeed yielded a noticeable superior signal. My first 1000' Beverage was constructed entirely with 22 AWG, and recently I put up an almost parallel (difference of 20 deg. at most) wire of equal length with 14 AWG (stranded). It is absolutely true that larger wire produces much better signals - i.e., Anguilla-1610 was only fair one night on the 22 AWG wire, while it was good to very good on the 14 AWG wire. The same was true for powerhouse Cubans and Colombians. I am putting up another 14 AWG wire parallel the present 1000' Bev. for phasing (since the wire run around 5 deg. and I was reception from back-end.). After reading (in the IRCA technical column, 1/12/85 DXM), Nick Hall-Patch's and Don Moman's exceptional article on the use of various Beverages, I decided to just leave the 22 AWG wire up since it has a different bearing than the 14's. (They mention that if more Bevs. of slightly different bearings can be erected, do it.). Glad to see such a good turnout for the Anniv. issue. John Clemmer, you grew up in Peoria? Did you listen to WIRL-1290 at all? If so do you recall hearing the voice of Ira Bitner (news/commentary)? / I would really like to see a better variety (not that I'm not pleased with current reports) of reporters in DXW-E and other columns...seems like it's always the same old names, with the exception of the few (Richard E. Berg-Andersson, etc.) that step forward with their DX. If you belong to the club and don't report, you're only experiencing half the reward of the hobby. IRCA is composed of a great bunch of folks - let's share this brotherhood. Thanks Tom F., Matt S., and Bill H. for the recent correspondence - it's much appreciated and welcomed. I even got an assisting letter from Paul Ormandy in New Zealand - how's that for a brotherhood?

RADIO RAFFLE: For a limited time only, you can be the first person on the block to own your very own radio station. Order early. This offer not available in any state.

The lower-than-low prices:
KABC-AM (730): \$71 million.
KLOS-FM (97.5): \$40 million.
KLAG-AM (570) and KZLA-FM (83.5): both for only \$15 million.

According to Inside Radio, a broadcast industry newsletter, these are the prices the stations might fetch in the wake of the recent Capital Cities Communication-ABC merger.

The merger created a company that now owns five stations (the radio stations mentioned above and television KABC-TV Channel 7) in Los Angeles. According to FCC regulations, that's too many.

Exactly what Cap Cities will eliminate isn't clear. An attorney

for the FCC said that there are three obvious possibilities. They hinge on whether the FCC will consider the merged company a new company or an old one.

—Since no old company can hold more than one AM, FM or TV station in a single city, Cap Cities will have to sell at the very least one AM and one FM station.

—If it's considered a new company, which a Cap Cities official said it surely will be, Cap Cities will be forced to sell all of its Los Angeles radio stations or move KABC-TV to the UHF band if it wants to hold onto the television affiliate. The reason: FCC regulations "clearly prohibit" a new company's ownership of both a VHF (between 5 and 13 positions 2-13, where KABC-TV now sits) television station and any radio station in the same market, the spokesman said. Cap Cities might attempt to obtain an FCC

waver bypassing this regulation, but FCC Chairman Mark Fowler reportedly told Congress that he is unlikely to grant any such waiver.

KABC-TV will be sold outright, to comply with another FCC regulation that prohibits common (old or new) from owning TV stations that reach more than 25% of the country's homes. Cap Cities may be required to sell a major TV affiliate to meet this rule. If that is the case, KABC-TV could fetch anywhere from \$500 million on up, according to industry specialists.

John Arrara, Capital Cities executive vice president of radio, said in a phone interview Monday that the company is "sorting out" its alternatives and will try to maintain as much of its presence in Los Angeles as possible.

Los Angeles Times 4-9-85
via Steve Mittman

WESTERN DX ROUNDUP

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

All times are
Eastern Local

Phone for list: 200-5-6522-6827 (till 10:00 AM)

DEADLINES: Tuesday, May 1, Tuesday June 4, Tuesday July 4

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- (AD) Alan Davidson-8121 E. Ralfour Dr.-Tucson, AZ 85710
Ross-Supreme portable
- (WGE) W. George Elliott-544 Christleton Ave.-Kelowna, BC V1Y 5J2
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- (TRH) Tim Hall-350 G St. #1-Ghula Vista, CA 92010
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- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
PRG-7, SM-1
- (NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
PRG-7, SM-1
- (JH) Jim Hilliker-1502 E. Hedgewood Ave.-Anaheim, CA 92805
Kenwood R-1000, Radio West loop
- (GL) Gary Larson-2206 Lincoln-Burbank, CA 91504
DX'ing at work in Sylmar, CA
- (DP) Dale Park-2253 Kanaalili Ave. Honolulu, HI 96813
TRF
(DP-HI*) DX'ing mobile in Makakilo w/Delco car rx
- (AWP) Art Peterson-851 31st Street-Richmond, CA 94804
PRG-7 w/LW converter, R. West loop, 300' longwire tuned by a
Grove Electronics Sigma-match tun-II antenna tuner
- (bp) Bruce Portzer-DX'ing at Kalaloch, WA
PRG-7, 70' longwire
- (RT) Rich Toebe-2388 American Ave.-Maynard, CA 94545
Grundig 3400, Radio West loop
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2
- (ØW) John Wilkins-4385 Hoyt St. #205-Wheat Ridge, CO 80033
DX'ing "on the road" w/Radio Shack TRF 12-656A, R-1000,
2" spiral loop

OF SPECIAL INTEREST:

- 1190 KEZY CA, Anaheim MM 4/1 0300 change of format as rock mx ends abruptly,
into ID "This is KEZY, Anaheim, the Praise of 1190," into relig.
mx, contemp. Christian. Other ID's hrd "The new 1190, K-Praise"
and "This is the Praise of 1190, S. California's most powerful
full-time AM Christian Station." (JH-CA)
+Per Jim Hilliker, will be all relig. 4/1 0001. Can't hear at
work--KEX too strong. Days KEZY isn't as strong as I thought w/
10kw. Jim says KEZY plans to move xmtr to Brea area. (GL-CA)
- KPZE CA, Anaheim 4/4 new call became effective today, ex-KEZY. Still
religion. Article in 4/5 Orange County Register says calls were
applied for 3/27, so FCC gave approval in 8 days for this. (JH-CA)
- 1240 KYOR AZ, Globe 3/28 1332 daytime logging while in area. Ex-KESML.
Obviously no longer silent. Soft C&W vocals, "K-Y-O-R Twelve
Forty" ID. (ØW-AZ)
- 1310 KFYI CA, Oakland apparently now a daytimer only, and has switched
format from all-news to a MOR-type format. Not noted early Sat.
or Sun. evenings 4/6 or 4/7, & noted s/on at 0900 MM 4/8! (RW-CA)
+4/6 noted playing complete album sides of soft jazz mx, no more
rx except for ABC on top of hour. Also noted off 4/8 0100--
rather early. 4/8 1050 back to album cuts. They have financial
problems, according to paper. (RT-CA)
+4/9 0300 did they drop all-news, and if so, when? Sounds like
oldies, continuous 0240-0300, never heard ID's or ads. Into s/off
0300, ID "KFYI, 1310 kHz, licensed to Oakland, now leaves the
air." OC on for quite a while. (JH-CA)
- 1380 KFLJ CO, Walsenburg 3/22 1306 fair on Raton Pass w/Bobby Vinton hit.
Still haven't logged this in Wheat Ridge. (ØW-CO)
- 1490 KGH0 WA, Hoquiam-Aberdeen 4/10 went 24 hours & changed format at 0900
this date. Had been temporary daytimer w/format of MOR oldies.
Now has SMN StarDust nostalgia format via satellite, w/Satellite
News Network on hour. AN MM 4/15 so is my only NSP local. (BH-WA)

- 515 "RRQ" IA, Rock Rapids Muni beacon, 3/25 0510, weak. (AWP-CA)
 "PKV" TX, Port Lavaca beacon 4/8 0534, weak. (AWP-CA)
- 521 "ORC" IA, Orange City Muni beacon 3/25 0513, weak. (AWP-CA)
 "DWH" TX, Houston (David Wayne Hooks Memorial) beacon 4/8 0515, weak. (AWP-CA)
- 524 "HRD" TX, Kountze/Silsbee (Hardin Co.) beacon 3/25 0517, weak w/
 "OUC"-524. (AWP-CA)
- 530 WNAG556 CA, Coronado no longer 24 hour operation. S/off around 0400
 lately, but not heard at all 4/7 or 4/8. (TRH-CA)
- 540 CEK SK, Watrous 3/27 0103 CBC News. Fair sig. into Nogales, no sign
 of XEWA. Likewise from several other AZ locations. (ØW-AZ)
- 544 "KDX" CA, Stanton 4/1 0200 Pirate heard fairly well in car near
 Downey, CA, near junction of I-5 and I-605 freeways. Usual mix
 of rock & oldies, many IDs. Ment. might take phone calls from
 listeners later. Also heard 4/13 0345, many IDs, 70's song
 "W-O-I-D." (JH-CA)
- 550 KPRM KS, Salina 4/1 0710 in fairly well, above KOY, and mixing w/
 them, then poor by 0715. Heard regional wx forecast, then
 "Forecast for Salina... for Radio 55." DJ said temp was 31,
 ment. Radar wx. Local spot, farm oriented, then community calendar
 had definite ment. of the "state fair in Hutchinson." Another
 "Radio 55" ID. Only heard one other time, back in 3/83. (JH-CA)
- 570? *KLAC? CA, Los Angeles 4/1 0711 susp. w/TT o/KLUB, looping SE. (RW-CA)
- 580 (KIKX) AZ, Tucson is definitely off the air, and has been for several
 years now. WPTH-85 lists a CP for this frequency, but I've heard
 nothing about it locally. (AD-AZ)
- 620 KIPA HI, Hilo 4/6 1855 noted airing "Solid Gold Scrapbook" w/Dick
 Bartley until 1900, ID, and more oldies. Heard "Solid Gold Sat.
 Night" about an hour later. Poor. (DP-HI*)
- 630 KHOW CO, Denver 3/26 0350 good w/Night Time America, o/unID stn w/EZL
 mx, poor, loop E-W. (AD-AZ)
- 640 (KFI) CA, Los Angeles w/TT's 3/21 0520-0602, off completely 0602-0655.
 No other stn audible in their absence (I think it's time to buy
 a decent antenna!), although CISL & KORL were really booming in
 on 650 during that time. (TRH-CA)
- 650 ?WSM? TN, Nashville 3/26 0545 assumed the one w/talk by OM, into pop
 mx. Fair, strong SAH on channel. (AD-AZ)
 CISL BC, Richmond 4/8 0338-0344 good w/CKOV-630 slop. Golden Oldies mx,
 ID at 0341 by male as "Golden Musical Memories from C-isle, 6-50,
 Sunshine Radio." Never heard on old freq. of 940 w/CJIB. New,
 have tried for this one since s/on in 1980!!! (WGE-BC)
- 660 KFAR AK, Fairbanks 3/26 0604 wiping out CFPR w/ID. (RW-CA)
- 670 *KBOI* ID, Boise 4/1 0312 w/TT. (RW-CA)
 (KBOI)+4/8 0212 noted totally off. Too much QRM for me to try for
 whatever is left. Still off when I came back at 0233. OC at 0245
 and ID by male as "K-B-O-I, Boise," then repeated every couple
 minutes. (WGE-BC)
 +4/8 0316 totally off. (RW-CA)
- 680 KNER CA, San Francisco carries "Jack Carney's Comedy Show with Dick
 Cavett" (Carney died in Nov.) at 1300-1400 per S.F. Examiner. (DP)
- 690 CBU BC, Vancouver 4/4 0422-0507 fair w/YL hosting a very loose
 interview program w/several rock performers, including "Jason and
 the Scorchers." Lots of 4-letter words, mentioned "Where else but
 Canada (State Radio) can you get away with this?" (TRH-CA)
- XETRA BCN, Tijuana has definitely changed formats. Used to be popular
 and top hits as "Mighty 690," now is 50's thru 70's standards as
 "69 Extra Gold." (AD-AZ)
- (XETRA)+Off air from at least 0420-0701 on 4/4, also noted off previous
 Thurs. morning (3/28) to 0701. Stn has been off a lot lately. I
 don't recall them having so many silent periods when they had
 their adolescent rock ("Mighty 690") or EZL ("Extra Music") formats.
 (TRH-CA)
- 700 WLW OH, Cincinnati 3/26 0552 weak thru KFAM w/man talking. (AD-AZ)
- 710 (KMPC) CA, Los Angeles 4/1 0320 totally off. (GL-CA)
 KGNC TX, Amarillo 3/24 2131 good sig in KNUS null w/soft pops, pgm
 notes, no ads. 2200 ID, CBS nx. Nice to log something other than
 KNUS on this freq! (ØW-AZ)
- (KIRO) WA, Seattle 4/8 0347 noted totally off leaving behind a couple of
 real weak ones. (WGE-BC)
- 720 WGN IL, Chicago 3/26 0553 good o/KDWN w/nx, clear ID. (AD-AZ)
- 730 KSVN UT, Ogden 4/1 0745 good, strong sig w/full s/on, IDs, power, into
 "Utah Gold" oldies. Prob. best sig ever heard here from them. (JH)

- 740 *HERT* CA, Avalon 4/1 0323 TT w/KCBS, fading some. (GL-CA)
 770 (KCB) NM, Albuquerque 4/1 0340 totally off. (RW-CA)
 WAEC NY, New York 4/1 0349 good in KXA null w/TL doing talk show, ID. (RW-CA)
- 780 KAZM AZ, Sedona 3/24 2215 wx, Chuck Mangione tune. Dominant o/WBEM for a change! (ØW-AZ)
- 800 KROW NV, Reno 4/1 0326 strong w/C&W. Some KABC-790 slop. (GL-CA)
 CJJC EC, Langley 4/3 0401-0410 fair w/CKOK w/local nx. Caught ID at end as "That's C-J-J-C News," into what sounded like wx forecast, C&W mx. New. Have wanted this one for years!!! (WGE-EC)
- 820 WBAP TX, Ft. Worth-Dallas 4/1 0327 real strong & clear w/a singing beer song on Country USA program. Think it was "I Like Beer." 781-1820 number given as a contest line. (GL-CA)
- 830 KABN AK, Big Lake-Long Island 3/26 0540-0615 finally heard this one definite w/rr mx, TC at 0549 "1,49," ID on hour, back into mx, het from JCB-828. Xlnt most of time in WCCO null, no sign of KIKI. (RW-CA)
- 850 KICY AK, Nome 4/1 0310 good in KOA null w/ID into "Hour of Decision." Good Alaska cx of late. 4/8 0340 blasting in w/rr program, way o/KOA. KABN also in strong, but no sign of needed KOTZ! (RW-CA)
- 860 KARS NM, Belen 3/22 1754 SS lang stn, Latin mx, occas EE ad. 1800 ID as "Primero en noticias....K-A-R-S Belen, Nuevo Mexico," then AEC nx. Slogan is "Radio Ochenta y Seis." Noted while passing thru area on I-25. (ØW-NM)
- 870 WWL LA, New Orleans 3/23 2145 relig. program & EZL mx on this & other nites. Dominant throughout AZ/NM w/presumed KUUY way in back-ground. (ØW-NM)
- 880 KRVN NE, Lexington 4/1 0344 Trucker Country Show, song "My Old Yellow Car." Contest w/address Box 380, Lexington 86880--not sure of zip. (GL-CA)
- 890 WLS IL, Chicago 3/26 0557 exc. sig on pocket radio w/DJ talk. Strongest ever heard here. (AD-AZ)
 KQLX ND, Lisbon 4/1 0644-0715 fading briefly o/WLS w/C&W, TC of "31 min. after 5" earlier. ID 0637 "Q Country," way o/WLS, xlint at 0700 w/several local spots, ID on hour "The news is coming up next on Q Country 89, KQLX, Lisbon, North Dakota," into nat. headlines. Started fading out, pretty much gone by 0714. What a signal for lkw! There you go, REW-HI, somebody on the WC did hear KQLX along w/you in HI! Hi. New, ND #4. (RW-CA)
 +4/5 0645 thanks to Richard Wood's Forum in 3/16/85 DXM, it motivated myself & Matthew Shugart to try for this. Matthew got them 4/1, I heard nothing that day. But 4/5, heard inst. SSB & complete s/on by man & woman, many ments of Lisbon, ND, IDs, power 1000w, studios Main St., xmtr 1 mile east of Lisbon. Even said "890 kilocycles" instead of kHz! Last ID was "This is KQLX Radio, 890, Lisbon, ND, stereo 89." Into C&W, quickly faded out. Had to use mechanical filter to get rid of 891 het, fair signal, understood every word of s/on. My best 1,000 watt catch, #3 from ND. (JH-CA)
- 910 KJJJ AZ, Phoenix 3/25 2220 C&W fare. Good sig into Sierra Vista, AZ o/XEHO & another XE. Slogans "K-J" and "Voice of the Arizona Outlaws." (ØW-AZ)
 KGCL OK, Miami 3/25 2231 heard call letters w/KJJJ/XEHO. This freq. is un-Dxable in Wheat Ridge, so spent some time here! (ØW-AZ)
- 920 KVEL UT, Vernal 3/26 0005 wx forecast, Di-Gel ad. Pair in QRM in Sierra Vista, AZ. (ØW-AZ)
- 930 KHJ CA, Los Angeles 3/25 2257 Clippers vs Trailblazers EKB. Traffic reports every 10 min. w/mentions that Hope St. was closed due to the Academy Awards. ID as "Car Radio 93." Good sig into So. AZ, dominant o/several. (ØW-AZ)
- KSEI ID, Pocatello 3/26 0033 hrd call in QRM. KHJ nulled. (ØW-AZ)
- 940 (KFR) CA, Fresno 4/1 0314 totally off. (RW-CA)
- 950 KIMN CO, Denver 3/24 2027 a thousand miles away, and still a pest. Usual rr junk, "AM 95 Kim" slogans. Logged at Sierra Vista & other locations. Sometimes XEYJ QRM. (ØW-AZ) (That just goes to show that one person's pest is anothers most-wanted! I've been after KIMN for 13 years!--NH)
- KNPT NM, Bayard 3/23 1800 ID "This is K-N-F-T Bayard-Deming-Lordsburg-Silver City," then AP nx. Logged in Silver City, NM. Heard later w/C&W mx, ads for Yucca Ford. "Country 95" slogans. (ØW-NM)
- 980 KMIN NM, Grants 3/28 1939 CWM fare, DJ Debbie Bustos, thru to 2011 c/off. Slogans include "AM 98" & "98 Country." Logged while in the area. (ØW-NM)

- 990 KTKT AZ, Tucson has dropped Night Time America, is now Transtar AdCon network. (AD-AZ)
- KRKS CO, Denver 4/1 0750-0800 another nice surprise in KPWB-980 null, to get rid of their slop. Soft inst. mx, seems to be a relig. stn. Ment taking contributions 0759, legal ID, into "KRKS Information Break," ment. Christian radio later. Fair. New, CC #18. (JH-CA)
- 1010 KCMJ CA, Palm Springs 4/1 0308 fair in XEDX null w/s/off, so not on 1140 kHz yet. Ment. 0830 s/on. (RW-CA)
- 1020 (KTNQ) CA, Los Angeles 4/6 0527 w/OC, KYXE in strong, KWIQ weak under. (RW-CA)
- 1030 (KGUS) AZ, Florence still not on the air, as not noted while driving thru town 3/27 1900. (ØW-AZ)
- (KTWO) WY, Casper 4/8 0435 noted totally off. Left me w/a very weak & very tentative KHWY, drats! (WGE-BC)
- 1050 KORE OR, Springfield-Eugene 4/1 0922 strong in KOPY null w/ID, must be 5kw ND now. (RW-CA)
- 1060?*KPAY?*CA, Chico 4/8 0328 susp. xlnt w/TT loop N. (RW-CA)
- KAMA TX, El Paso 3/23 1110 good daytime signal near Hillsboro, NM. SS lang., SS pops, lots of movie ads. "Radio Cama." (ØW-NM)
- 1080 (KWAH) HI, Honolulu 4/9 0539 noted off the air, spurs noted from KGU/KTKI. On 0541 w/RS, off at 0546 recheck. On/off pattern was repeated over & over. (DP-HI)
- 1110 (KCOT) AZ, Marana not on the air 3/27 while driving thru town at 1800 ELT. CP still valid? (ØW-AZ)
- 1140 KMJJ NV, No. Las Vegas 4/1 0346 rock mx fading, probably w/KRAK. (GL-CA)
- 1150 KCKY AZ, Coolidge 3/23 2232 Ariz. vs Stanford BB game. O/u WJBO for a while, then took over after 2300. (ØW-AZ)
- KSAL KS, Salina 3/31 0650 fair to good on quick fade-up, ad, then ID "KSAL news" by OM, lost. KSL-1160 slop. New. (AD-AZ)
- WJBO LA, Baton Rouge 3/23 2222 surprise logging of this trip. Good dominant sig for a while o/KCKY & others w/play-by-play of UNO-LSU BB game. Lost after a while to KCKY. QRM also from howling coyotes near my tent (I'm not kidding!). Logged near Silver City, NM. (ØW-NM)
- (KGNW) WA, Seattle 3/23 0805 off air, but good after 0900, so possible SM SP. (bp-WA)
- 1170 KCBQ CA, San Diego 3/26 0905 fair signal in Nogales w/local ads. KVOO already faded out. (ØW-AZ)
- 1210 KGYN OK, Guymon 3/22 1320 good sig on Raton Pass at mid-day. Noted w/local features, stock prices. (ØW-NM)
- 1230 KGFJ CA, Los Angeles 4/1 0348 barely readable here in mess, some KGIL-1260 slop, on car radio. On Superadio it was still a mess. (GL-CA)
- KEZD NV, Las Vegas 4/5 0443 new calls, ex-KLAV. Format seems different also. Dominant in KGFJ null w/ID "The easy one, KEZD," promo for trip to Hawaii contest. (JH-CA)
- KRDR OR, Gresham 4/8 0602-0610 good on top of channel w/Mutual nx. Then into local nx w/ID by male as "K-R-D-R NW Headlines," followed by sports, Portland area wx. Ended w/'...degrees at K-R-D-R studios." Into C&W mx. New. (WGE-BC)
- 1240 KJOP CA, Lemoore 4/5 0500 a most-wanted finally heard after 2 years of trying! First heard weak KSMA ID mix w/KENZ, then heard woman say "You're listening to KJOP, 1240 on your dial, Lemoore, CA," into SS ID, mx in SS. Fair. Was one of my closest unheards. New, CA #199. Only need KPOD for all CA 1240's. (JH-CA)
- KCRT CO, Trinidad 3/22 1310 strong signal atop Raton Pass at mid-day. Usual smalltown mix of C&W, pops, many local ads. (ØW-NM)
- 1260 KPIN AZ, Casa Grande 3/27 2000 ID, ABC nx; then mellow C&W vocals to 2025, no ads. Strong sig near Florence, AZ. "K-Pin" slogans. (ØW-AZ)
- 1270 KDJI AZ, Holbrook 3/28 1600 very good sig near St. John's, AZ w/Indian lang (presume Navajo) program. Lots of talk & anncts, occasional C&W standard. Back into EE at 1700. (ØW-AZ)
- *KNDI* HI, Honolulu 4/9 0537 noted off the air; also noted by Doug Martin earlier today. 0541 w/OC (KPOI-FM noted underneath for some reason), then switched xmtr off & on repeatedly. DJ said xmtr was being fixed. (DP-HI)
- KPLY NV, Sparks-Reno 3/26 2138 w/oldies mx, spots for local businesses. Slogan is "K-Play." Good signal as usual, call change, ex-KORY. (RT-CA)
- 1280 KFRN CA, Long Beach 4/1 0349 w/relig. Good signal. (GL-CA)

- 1290 KSRC NM, Socorro 3/23 0943 modern C&W, local ads. Logged while eating good homemade Mexican food in downtown Socorro. (ØW-NM)
 KRCP CA, Brawley 3/27 2135 fair, o/u KEP at Central AZ campsite. Wx forecast w/blowing dust & sand warning, then "The best music in America"-pop mx. (ØW-AZ)
- 1310 (KFYI) CA, Oakland 4/6 0524 totally off. Probably preparing for daytime operation only? (RW-CA)
- 1330 KHYT AZ, S. Tucson 3/25 2111 noted w/"K-Hit" slogan, "Super Dance '85" promo, hard rock mx. Good sig in Sierra Vista. (ØW-AZ)
 KGAK NM, Gallup 3/28 1620 DJ jabbering in Navajo tongue, C&W tunes, Indian chants. Programming almost identical to KDJJ (but not parallel, hi), logged around the same time. (ØW-AZ)
- 1340 KVKM TX, Monahans 3/23 2301 s/off annct. Good sig in W. NM. (ØW-NM)
 KIKO AZ, Miami 3/28 1322 local ads, talk about Walk-a-thon. "Keeko Radio." Logged while in area. (ØW-AZ)
 KPER AZ, Nogales 3/27 0850 relig program in SS, then CBS nx, local nx in EE at 0905. "K Country." Also noted signing off at 0005 3/27, announcing 250 watts, then NA. (ØW-AZ)
 KSIL NM, Silver City 3/23 2007 SS rock songs, then state H.S. BKB championship game in EE. Fair at best in camp just 15 miles away from stn. Barely above QRM. (ØW-NM)
- 1350 *KSRO* CA, Santa Rosa 4/6 0522 w/OC. (RW-CA)
 1370 KWRM CA, Corona per phone call 4/11 from CE Alex Vajda, stn is going to relocate (the state wants their land) & they hope to move to 1380 to cover San Bernardino and points east. Presently 5kw day beamed north-south, 2.5kw night beamed SW. On 1380, they would beam east to protect KOTE-1380, KGER-1390. If approved, this move would be at least a year away. The CE enjoys receiving reception reports, particularly taped ones--said he recently verified a report from New Zealand & was looking forward to receiving the tape. (TRH-CA)
- KEEN CA, San Jose 4/11 0550-0600 fair o/u KWRM w/YL DJ, "Radio Keen" IDs, offering bumper stickers for SASE. (TRH-CA)
- 1380 KLNI HI, Pearl City 3/21 0540 noted on the air instead of SP. DJ says 24-hour operation began Mar. 19. They're now 5kw and ID as "K-L-N-I, Pearl City & Honolulu," though office & xmtr are in Waipahu. (DP-HI)
- KTSM TX, El Paso 3/23 2000 ID "This is K-T-S-M, Newsradio 1380," then NBC nx. Good in SW NM. (ØW-NM)
- 1390 KGER CA, Long Beach 4/1 0350 terrible over-mod. at relig. church remote. I sure note a lot of this. (GL-CA)
- KCEY CA, Turlock 4/9 2134-2145 poor to fair o/KGER w/OM DJ, Johnny Mathis tune, ID "1390 KCEY with the great StarDust music," into KCEY Farm Report, ad for Ardan, bridal fair in Modesto. (TRH-CA)
- 1400 KRVE AZ, Springerville-Eager 3/28 1615 market report, C&W on "AM 14." Good daytime sig at St. John's, AZ. (ØW-AZ)
- KCHS NM, Truth or Consequences 3/23 1030 pop and C&W mx, no ads 1030-1045. Logged while in area. (ØW-NM)
- 1410 KCNR OR, Portland 4/5 2139 ID into Kim Carnes song. Excellent w/CFUN nulled. AdCon mx & ads. New. (NH-WA)
- 1420 KTAN AZ, Sierra Vista 3/24 2034 C&W mx to 2100 UPI nx. (ØW-AZ)
 KCCN HI, Honolulu 4/9 0537 noted off the air for an unprecedented 4th time; also noted by Doug Martin earlier today. On 0441 w/OC, then switched xmtr on & off repeatedly. (DP-HI)
- 1450 KVSL AZ, Show Low MM 4/8 0300 good on top w/ID "Where your friends are, 24 hours a day, KVSL, Show Low." Best ever heard here, but quickly gone. (JH-CA)
- KGIW CO, Alamosa 3/22 1300 ABC nx, song by Dion. Fair signal on Raton Pass, o/KLMX. (ØW-NM)
- 1460 KTYM CA, Inglewood 4/1 0353 way u/KDON Big Band, w/relig. program. KDON dominating freq. (GL-CA)
- 1470 KSVA AZ, Sierra Vista 3/25 0835 assorted pops & C&W, local ads. 0900 ABC nx. (ØW-AZ)
- KUTY CA, Palmdale 4/1 0355 barely heard u/OC from Tijuana. Also a rocker. (GL-CA)
- WMBD IL, Peoria 4/1 0500 fair o/KXQA in KUTY null w/ID after Larry King into CBS nx. Only 2nd time heard. (RW-CA)
- 1490 KRSN NM, Los Alamos 3/27 0100 briefly o/pile w/ID as "K-R-S-N Los Alamos-Santa Fe," then nx. Heard at Nogales, AZ. (ØW-AZ)
- KRTN NM, Raton 3/22 1256 strongest signal atop Raton Pass. Tax hints, local ads, 1300 UPI nx. (ØW-NM)
- 1500 KHTT CA, San Jose 4/1 0358 network nx, same as KGA-1510. Rock stn in and out o/u. (GL-CA)

- 1500 CKAY BC, Duncan MM 4/8 0303-0304 a surprise in KHTT null, as man ended rx, wx, into s/off, "CKAY, Duncan, BC now concludes its broadcast day." Ment. 10,000 day, 1,000 nite. NRC Log says 10,000 nite. Fair to good. New, #536. (JH-CA)
- 1520 KOMA OK, Oklahoma City 4/1 0400 out of net rx w/no legal ID, into C&W. No sign of KTRO. (GL-CA)
- 1540 (KISA) HI, Honolulu 4/9 0326 noted off the air early. (DP-HI)
- 1560 *KPWC* CA, Bakersfield 4/8 0338 w/OC. (RW-CA)
- 1580 KNIX AZ, Tempe-Phoenix 4/1 0401 C&W, o/u fading. Poss. KDAY carrier on but here at work can't tell. Heard tone. (GL-CA)
- KNIX/KDAY AZ/CA, Tempe-Phoenix/Santa Monica 4/9 0608 Funk mx (KDAY) mixing w/country mx (KNIX). How could the FCC allow them to be so close? Ripply signal due to co-channel interference. Very poor. (DP-HI)
- 1590 (KLIV) CA, San Jose 3/28 0400-0730+ totally off on very rare SP. (RW-CA)
- KOGO CA, Ventura-Oxnard 4/8 0210 good in tight KLIV null. Wx, then clear "15-90 Ko-Go" ID. (RT-CA)
- KVGB KS, Great Bend 3/28 0714 faded up nicely w/ad for Nutrasystems of Great Bend and Hays, into Kansas wx, ID. New. (RW-CA)
- 1600 KXEW AZ, S. Tucson 3/28 2105 logged in Grants, NM and other locations w/SS lang programming, SS pops. Nice to get away from KRRY for a few days. (PW-NM)
- KWOW CA, Pomona 4/1 0403 "Up on the Roof" by the Drifters fair w/fading, into "I Love Your for All Seasons." (GL-CA)
- 1610 TIS CA, Los Altos 4/8 0202 female voice on continuous loop, no ID; information for parking & bookstore at Foothill College. Good signal. First time heard, must've been installed very recently. (RT-CA)
- TIS WA, Pt. Townsend 3/23 1903 w/continuous loop tape by man w/a "twang" accent. Fair o/u Olympia TIS on early skip. Gave call sounding like KNHC (or KNEZ) 262. (bp-WA)

April f/c heard:

1st MM 0300-0315 KQIK-1230 OR (RW-CA)

April f/c's tentatively heard:

2nd MM 0200-0210 KNEB--960 NE (RW-CA)
0220-0225 KTOQ-1340 SD (RW-CA)

UNIDs:

- 660 3/26 0550 bits of audio very weak u/heavy SAH, looping NE. WNEC? (AD-AZ)
- 670 4/1 0319 OC, w/some C&W underneath. Strong, maybe KBOI. (GL-CA)
- 730 4/1 0322 weak OC. (GL-CA)
- 750 4/1 0324 W??? song "One More Night" along w/unID newscast, both fading. A minute later, 2nd stn went to Best of King on Mutual. (GL-CA) (Your second one was most likely KXL.--NH)
- 850 unID o/KOA 4/7 0432-0504+. Fair w/YL DJ playing mix of top 40, light 70's rock tunes. OM mumbled "Radio 85" ID at 0501, song by choir, then off at 0504. Wx at 0441 was just "Showers tonight, sunny tomorrow," no city mentioned. I might guess CFVR, as a garbled slogan which sounded like "Golden Hits Radio" was used by YL at 0441. (TRH-CA)
- 1440 4/1 0352 C&W song by Dolly Parton in poor w/fading, then into "I Fought the Law" by Bobby Fuller Four. May be KUHL. (GL-CA)

A quite respectful turnout this week! Former IRCA member Andrew J. Rimmington from Coquitlam, BC sends along a note of a spur on 1365 which he heard 3/29 2300. "Intermittent spur on CFUN-1410 mod. peaks, mixing w/CHQM-1320. Prob. CFUN's chronic mismatch problem (arcing base of towers)--often occurs but never noted this bad before. Has been know to result in rare CFUN SP's when problem gets out of hand." Perhaps some of our Vancouver area DX'ers can use this information. ♡

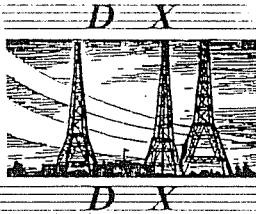
WJK

239 Western Blvd.
Jacksonville, N.C. 28540

KLPZ

1380 On Your Dial. . . 

EASTERN



ROUNDUP



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

REPORTERS IN THIS WEEK'S ISSUE:


- (RB-A-NY) Richard E. Berg-Andersson, 47-11 48th Avenue, Woodside, New York 11377
Sony ICF-6500W with built-in antenna
- (JHD-PA) John H. Demmitt, K0848, Box A, Bellefonte, PA 16823
Sony ICF-55W
- (JH-PA) Jim Hall, 240 Byron Road, Pittsburgh, PA 15237
DXing at the end of Runway #1, Greater Pittsburgh International Airport
TRF (Realistic?) Also, at 240 Byron Road, Pittsburgh, PA 15237*
- (RSR-ON) Robert S. Ross, VE3JFC, Box 4373, Station C, London, ON N5W 5J2
Kenwood TS430S with dipole and four foot box loop. Panasonic RF1115 with built-in antenna.
- (WW-MA) William Wyllie, 95 Peck Street, Franklin, MA 02038
Sharp GF-450 with indoor antenna.
- (KZ-NY) Karl J. Zuk, 154 Old Post Road North, Croton-on-Hudson, New York 10520
GE Superadio, Realistic DX-160 with 1100 foot long wire antenna, two cats.

- 580 CFRA ON, Ottawa. 3-18 2058 Noted fair in passing. (JH-PA)
- 580 CKAP ON, Kapuskasing. Thanks to Larry Black for IDing my UNID recently as CKAP. QSLs can be sent to Rene at address in NRC log. (JH-PA)
- 620 WHJB PA, Greensburg. 3-9 1752 Fair with ID as "Your Country Connection, WHJB." C&W music format. (RSR-ON)
- 620 CFCL ON, Timmins. 3-24 1850 Good with song "Affair Of The Heart." ID and lots of mixing with other stations. (JHD-PA)
- 630 WPRO RI, Providence. 3-23 0720 Good with ID and weather and another ID. (JHD-PA)
- 640 WMLS OR, Norman. 3-14 0000 Fair with ID on the hour and C&W music mixing with a Cuban. (RSR-ON)
- 640 KFI CA, Los Angeles. 3-3 0202 Fair with ID into rock music in the slop. Two Spanish and one English speaking station mixing with it. (RSR-ON)
+4-5 0222 Fair, mixing with WHLO, Akron, OH, and the usual Cuban. Lionel Richie's "Penny Lover" into clear ID as "64 KFI." More rock music and several other KFI IDs. Lost to WHLO several times, but always, at least, audible underneath WHLO. A night to remember. Now I can sleep! My most wanted finally caught! (KZ-NY)
- 650 WKKG MN, Hibbins. 3-13 1846 Fair with C&W music and satellite weather, ads and ID as "AM Stereo Country, WKKG." New, ex-1060 KHz. (RSR-ON)
- 680 WCAW WV, Charleston. 3-18 1810 Good with ads and ID. In CFTR, Toronto, ON, null. (RSR-ON)
- 710 CHYR ON, Leamington. 3-24 1940 with ID "CHYR" by man, behind WOR, New York, NY. Fair. (JHD-PA)
- 730 WJTO ME, Bath. 3-24 1935 Fair to good with ID as "WJTO" and record "Lipstick On My Collar." Interference from CKAC, Montreal, PQ. (JHD-PA)
- 730 WPXK VA, Alexandria. 3-18 1815 Fair with sign off, ID and station data. (RSR-ON)
- 750 WBND MD, Baltimore. 3-9 1811 Fair with religious talk until sign off at 1815 with ID, etc. New, 1kW days. (RSR-ON)
- 750 WPDX WV, Clarksburg. 3-9 1809 Fair with ad for local car dealer, YL DJ with weather into music. New, 1 kW days. (RSR-ON)
- 810 WKBC NC, North Wilkesboro. 3-16 1921 Fair with weater and ID as "WKBC-FM." mixing with WGY, Schenectady, NY. New. (RSR-ON)
- 850 KOA CO, Denver 3-18 0224 Good to strong signal with talk show. Heard ID as spoken to telephone caller "Your on KOA..." then, what sounded like news at 0250. Had slight interference from WJW, Cleveland, OH. First time logged. (WW-MA)
- 850 WREF CT, Ridgefield Center. 3-27 0600 New calls, ex-WVFR. New slogan/ID as "The Reference, AM 85, WREF, Ridgefield Center." Format is their version of Music Of Your Life. Very good signals throughout most of the New York City Tri-State region with only 500 watts. Sign on at 0600, off at 1800 during March. Signed on 3-15, per phone call to station. One tower, non-directional antenna. Really clogs the frequency to KOA receptions. (KZ-NY)
- 870 WHCU NY, Ithaca. 3-16 1845 Fair with ID and rock music. (RSR-ON)
- 870 WKAR MI, East Lansing. 3-9 1835 Good with "Community Calendar." (RSR-ON)
- 930 WFMD NY, Frederick. 3-13 1812 Very good with ID as "AM 93, WFMD," and ads, over WBen, Buffalo, NY. (RSR-ON)
- 960 WHAK MI, Rogers City. 3-9 1845 Fair with ID and sign off with station data. New, 5 kW days. (RSR-ON)
- 990 WNOX TN, Knoxville. 3-25 2000 Good with ID and show "Country Countdown" with song "Girl's Night Out." (JHD-PA)
- 1030 WBZ MA, Boston. 3-18 2000 Much better than usual here at my rural location. (JH-PA)
- 1050 CFYN ON, Sault Saint Marie. 3-18 1838 Fair with spot for MOHA Triple-A Hockey Championships. IDed as "CFYN." New, under CHUI, Toronto, ON. (RSR-ON)

Eastern DX Roundup continues.....



- 1060 WRCW OH, Canton. 3-12 1820 Fair with Canton Symphony Orchestra spot and ID into music. New, 5 kw days. (RSR-ON)
- 1060 WBMB MI, West Branch. 3-27 1830 Good with ads, weather and ID as "WBMI FM 105 $\frac{1}{2}$ " into WBMB sign off at 1845. New, 1 KW days. (RSR-ON)
- 1070 WFLI TN, Lookout Mountain-Chatanooga. 3-13 1859 Fair with Dodge truck ad, and ID as "WFLI, 1070, Chattanooga." New. (RSR-ON)
- 1070 CHOK ON, Sarnia. 3-25 2025 Good with ID "CHOK" and song "Standing By Together." (JHD-PA)
- 1070 CBA NB, Moncton. 3-16 1902 Good with CBC news and ID as "CBC Moncton." (RSR-ON)
- 1070 WAPI AL, Birmingham. 3-18 1852 Fair with ID by male into talk with two females. Mixing with CHOK, Sarnia, ON. New. (RSR-ON)
- 1070 WTSO WI, Madison. 3-18 1857 Good with C&W music, ID as "WTSO" and ads in CHOK, Sarnia, ON, null. New. (RSR-ON)
- 1090 KAAV AR, Little Rock. 3-9 1855 Fair with oldies, ID on the hour with a time check. (RSR-ON)
- 1100 WWWE OH, Cleveland. 3-3 (no time) Noted with Spanish language programming. Strong most of the time here. Program was "Latin Top 40." (WW-MA)
- 1110 KFAB NE, Omaha. 3-13 1902 Fair with news, ads, ID and weather. (RSR-ON)
- 1110 WSWF NY, Seneca Falls. 3-12 1831 Fair with Star Spangled Banner, ID by male as "WSFW Seneca Falls, New York" and off. New, 1kw days. (RSR-ON)
- 1150 WMEX MA, Boston. 3-23 1940 with oldies music, several IDs, including the old (back in the days when WMEX was on 1510) "Wi-Mex" slogan. This station comes out of the ashes of WHUE, and if this went as scheduled on March 15, it is the soonest I've heard a station after new calls came on the air. Reception in Woodside is best described as "When it was strong, it was very, very strong; but when it was weak, it was horrid." I heard it for over a half-hour period. Also used slogan "New England's all oldies station." (RB-A-NY)
- 1150 WCNX CT, Middletown. 3-1 1134-1147 Ad and songs which sounded like adult contemporary. Weak, but good signal, with slight interference from WJCC. Daytime reception while 1150 in Boston was between stations. March 1 to March 15 no station from Boston was on the air. March 15, WMEX went on the air with oldies. WCNX also noted on the same day, but at sunset with sign off at local 6:00 pm. (WW-MA)(William, who is WJCC7-kz)
- 1150 CHSJ NB, Saint John. 3-1 0205 Strong signal with country music. (WW-MA)
- 1150 CKOC ON, Hamilton. 3-3 0000 with CBC news. Weak signal under CHSJ, St. John, NB. (WW-MA)
- 1150 WRUN NY, Utica. 3-11 1806 Good signal with program "Sixties at Six." Strong signal at times. (WW-MA)
- 1170 WBRW NJ, Somerville. 3-11 1800 Heard sign off at local 6pm and not much else. Weak to good signal. (WW-MA)
- 1190 CHTN PEI, Charlottetown. 3-19 0324 Good with rock music, ID by YL DJ, under WOWO, Ft. Wayne, TN. Not heard for a long time. (RSR-ON)
- 1200 WDAI TX, San Antonio. 3-24 2150 Good with ad for lawnmowers and ID. "Karen" gave weather, then a PSA and back to NBC's Talknet. (JHD-PA)
- 1200 KFNV ND, Fargo-West Fargo. 3-12 1904 Fair with UPI news, Dow Jones, Weather, ID and local news. New. (RSR-ON)
- 1220 CHSC ON, St. Catharines. 3-18 2030 Good with WGAR, Cleveland, OH, in null. Only occasionally noted at home. (JH-PA)

and now back to the old reliable typewriter at home!!! Gardner Smith and Robert Ritchey.. we miss your reporting!!.....the attack cats. 

- 1240 WGBB NY, Freeport. 3-16 0105 Weak signal after local midnight after local WWON, Woonsocket, RI, goes off. Heard country music. (WW-MA)
- 1290 CJBK ON, London. 3-25 2040 with announcement about audition for dogs for use in a local play in London, then ID and music. (JHD-PA)
- 1380 WSYB VT, Rutland. 2-28 1802 Heard NBC news and singing ID of "WSYB" by chorus after local WNRI, Woonsocket, RI, goes off. (WW-MA)
- 1390 WCSC SC, Charleston. 3-2 0038 Weak to good signal popping up over WM2Q, Arlington, VA, and others. Heard oldies and ID as "1390 WCSC." (WW-MA)
- 1460 WOMB PA, Harrisburg. 3-1 (no time) Good signal playing oldies. ID as "Musicradio 1460 Hits." (WW-MA)
- 1470 CHOW ON, Welland. 3-24 1758 Good with ID as "Constant Country Radio" with C&W music and news at 1802. (JHD-PA)
- 1490 WUSS NJ, Atlantic City. 3-1 0130 Good to poor signal with news and The Larry King Show. ID as "WUSS Atlantic City." (WW-MA)
- 1550 WXVA WV, Charlestown. 3-6 1808 Strong signal in jumble of mess with C&W music. Sign off at 1812, ID as "Star Country 1550." New. (WW-MA)
- 1550 WKBA VA, Vinton. 3-6 1830 Weak to poor signal most of the time, ahead after local WNTN, Newton, MA, and WXVA, Charles Town, WV, goes off. Sounded like gospel music. At 1830 heard sign off, last words were "This is WKBA", with interference from a CBC station. (WW-MA)
- 1550 WMLB CT, West Hartford. 3-7 1754 with what sounded like country music. At 1755 a chorus sang "WMLB". Heard beginning of sign off at 1800 with "WMLB ends its broadcast day. Thank you for joining us, be with us tomorrow for more...." and faded away. Very poor signal. (WW-MA)

Much more music...uhh...tips, right after this page!.....

And now the final chapter of our story.. "DX goes East" starring Dr. De Ghoti...

- 1570 WTOW MD, Towson. 3-23 1752 with Corner Stone's "Taking The Ease Away" and a record by Amy Grant. ID. (JHD-PA)
- 1580 WLIM NY, Patchogue. 3-3 0255 Very good with rock music, IDs and testing. 10 kW, non-directional. (RSR-ON)
- 1580 WCRV NJ, Washington. 3-23 0748 Fair with music, ID as "WCRV", and talk, but unable to copy much. Heavy mixing with other stations. (JHD-PA)
- 1590 WONX IL, Evanston. 3-7 0201 Fair with ID in English, but all programming was in Spanish. I thought I had heard Mexico! (RSR-ON)
- 1590 WCBG PA, Chambersburg. 3-2 0157 Very good with ads, station promo and ID, mixing with WAKR, Akron, OH. (RSR-ON)
- 1600 WPDC PA, Elizabethtown. 3-23 0730 with soft rock, ID and mixing with WAYC, Bedford, PA. (JHD-PA)
- 1622 KPF-941 NY, Yonkers. 3-24 2150 with assorted music and talk by OM. Song "Mama Cried," and ID of parent station in Maine. (JHD-PA)
 +Back on 1622 regularly. (JH-PA at home)
 +3-14 0010-0021 Fair to poor with folk music, two DJs talking, and address as Box 117, Monticello, ME 04760, and then sign off at 0021. IDs as WOZI and KPF-941. (RSR-ON)

 So it seems that the folks at KPF-941 are looking for new loopholes to operate under. They are persistent! Thanks again to Gardner Smith (missing in action) fo the new EDXR logo and "I was a Teenage DX Addict" in the April Fool's Issue. Great stuff. Also thanks to Richard, Jim, William, Robert and John for another set of huge and amazing reports. Very strange and interesting stuff this time. Quik news: WNYC, 830, New York, NY lost its fight with WCCO, 830, St. Paul- Minneapolis for the right to broadcast after sunset. This ends a court battle of about 40 years, much like the WABC vs. KOB trials. How a 1 kW directional east can screw up a 50 kW clear in Mississippi, as WCCO claimed, I just can't figure out. There goes NPR in NYC after dark! Rats! Leonard Kahn of Kahn AM stereo is heading a campaign of getting stations who use his system to write to their respective state attorney generals to protest the single system Motorola C-Quam system radios that are being marketed. The stations are complaining that these single system radios are deceptively advertised because they can only pick up some AM stereo stations in stereo, and not all of them. Interesting angle, huh? Please write in whenever you can this summer! Please!!-k

SUMMARY OF UNREPORTED STATIONS
 Through Volume 22 # 28 dated March 30, 1985

compiled by Don Kaskey, 465 Burnett St. #1, San Francisco CA 94131

The following chart lists the total number of stations in the USA and CANADA and the volume they were last reported as being heard in DX MONITOR.

COUNTRY	V22	V21	V20	V19	V18	V17	V16	V15	V14	V13	V12	Prior	Total
CANADA	205	62	24	26	18	12	13	5	6	0	2	46	== 419
U.S.A.	1845	820	550	362	321	159	184	76	53	29	48	299	== 4746
TOTAL	2050	882	574	388	339	171	197	81	59	29	50	345	== 5165

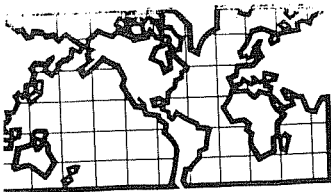
New stations reported as having taken the air during the period between V22 #24 through #27:

- 830--WLND--OH
- 840--KWEN--NE
- 1140--KGSY--AK
- 1490--KGHO--WA (x-1560)

Previously unreported stations noted by IRCA reporters in DX MONITOR since the last update (V22 #28).....Covers V22 #24 through #28:

- AK---1--KGSY-1140 (O'Connor-AK)
- CT---0--WVFR/REF-850 (Wyllie-MA)
- TX---41--KEYE-1400 (Wilkins-CO)
- WA---1--KGHO-1490 (B. Hardy-WA)

OFF THE AIR STATIONS: Now Silent: 630-KGGR-WA, 850-KLEU-IA, 1170-CFML-ON, 130 O-KGHX-AK, 1370-WGHW-WI.....Back ON the Air: 600-WFST-ME, 900-WEDF-OH, 1150-KDBF-NE, 1450-WELY-MN, 1490-WTIQ-MI.....



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

PHONE: (503) 861-3185

TIME: UTC

The DX sure has been rolling in for a lot of DXers!!! I have a great turnout this week with reports from all over. So lets get on with it!

TRANS-ATLANTIC DX ROUNDUP

- 747 NAMIBIA, Gobabis-4/2 at 0432 Herero talk by man No SW //. My 3rd logging and again quite good. (RFW-Hi)
- 753 UNID, 3/18 at 0633 station playing light mx, Heavy WBBH sloop on Toop (CK-Co)
- 837 t CANARY ISLANDS, Las Palmas EAK35 3/18 at 0615 threshold level w/OM in possible SS, inst. w/synthesizer, OM again at 0620 in SS? Signal finally dropped at 0715. Tent. loop ant. WCCO-830 and WHAS-840 off simultaneously! (CK-Co)
- 1035 PORTUGAL, Lisboa Radio Comercial 3/16 at 0551 song in EE by Lionel Richie. At 0559 faded up to S-2 signal w/OM in PP "Radio Comercial" no pips hrd at 0600-Maybe because signal was too weak? New Country and continent for me on Loop. (CK-Co)
+Also noted again 3/23 at 0533 PP discussion pgm between 2 OMs w/a phone # mentioned (altho I hrd no callers) loud S-9 signal on H.E. Beverage (CK-Co)
- 1044 MOROCCO, Sebba-Aioum R.T.M. 3/27 at 0455 S-8 signal w/AA chants Solo OM rising in pitch then dropping slight WHO-1040 splat. Off back side on WSW Beverage. (CK-Co)
- 1062 PORTUGAL, San Salvador-Radio Comercial at 0552 3/23 vy good signal w/PP ballads // 1035. At 0600 hrd two "Radio Comercial" IDs. 6 quick notes on Electronic Keyboard hrd several times after anmts, high pitched pips hrd (at least 3) and Radio Comercial noticias mentioned. Sound effects similar to those used by XEQM-6105 SW on NE Beverage. (CK-Co)
- 1377 t PORTUGAL, Canidelo-Porto-RDP 3/23 at 0545 0th in def. PP S-7 signal but much domestic sloop on 1380. Tent. H.E. Beverage (CK-Co)
- 1548+++++ SRI LANKA, Trincomalee-DW Relay-4/2 EE-nx,gave city before each item British accds at 1610, 1618 into "Panorama" 40 minute nx,views, and reports. ID as "Asian Service of Voice of Germany" Good to vy good. some KISA sloop Country #70. Is 600 KW and new. Reported. This will give U.S. DXers their best chance for a South Asian station. (REW-Hi)
- 1575 t PORTUGAL, Canidelo, 3/23 at 0608 OM in PP,fair off NE Beverage(CK-Co) (Chris: Good going on all those TAs.PM)
- 1593 WEST GERMANY, Langenberg-WDR 4/2 at 0455 7-note interval signal repeated three times, GG tc (How UTC plus 2), public service messages 0459 IS again 0500 ID GG nx. Quite good. (REW-Hi)

PAN-AMERICAN DX ROUNDUP

- 570 CUBA, Santa Clara-CMEA 3/25 at 0541 SS OM w/nx u/KRQX,typical Cuban Reloj format,SE Beverage (CK-Co)
- 580 MEXICO, Chi-uahua,Chih. 3/24 at 0026. Ranchera mx, ads TC 8:26, good signal in SW NM o/WIBW. (ØW-NM)
- 650 MEXICO, Los Mochis,Sin. 3/27 at 0609 Mixed bag of XE mx, many Radio Dimamita slogans. Strong,but kind of fady,way o/WSM in Nogales (ØW-Az)
- 760 COLOMBIA, Barranquilla-H3AJ-3/25 0506,noted in passing w/ad for TV pgm "...todo por RCN television" Several RCN net IDs,SE Bev. (CK)
- CUBA, La Habana-CMBD 3/21 at 0649 OM w/nx,typical Cuban Reloj Format,ORM H3AJ w/WJR nulled. loop (CK-Co)
- 770 COLOMBIA, Bogota-H3KJ 3/25 at 0503 SS LA Pops "La Radio de Colombia" ID by OM,good peaked o/KOB SE Beverage (CK-Co)
- 800 MEXICO, Cd. Juarez-XEROK-3/23 at 1550 Good daytime signal near Truth or Consequences,NM LA pops "Radio Canon IDs (ØW-NM)
- 820 UNID, LA mx o/u WBAP 0905 to 0915 YL SS playing guitar mx, LA vocals by Yls. Brief talk about an athlete at 0908,no ID (TRH-Ca)
- 840 t CUBA, Santa Clara-CMEL 3/18 0640 SS pgm called "momento del rock" OM In Cuban accented SS ment. on "un grupo de Cuba" WHAS off. (CK-Co)
- 850 MEXICO, Zaragoza,Coah. XEZR 3/24 at 0300 Fair signal in SW NM,KOA nulled. Ads for muebleria and other businesses,then into ballads. Couldn't hold signal tho, soon lost. (ØW-NM)
- 870 COLOMBIA, Barranquilla-H3JB 3/25 at 0317 SS festive LA mx, ments of Barranquilla and "Mar Caribe" slogan,weak u/WWL,SE Bev. (CK-Co)

- 890 UNID, LA o/WLS 4/7 from 0826-0900 OM in SS w/mx pgm including Cuban-style numbers (Big Band) and Colombian/Venezuelan type songs. ID at 0830 sounded like "Radio Superior" But no music from Ecuador was hrd, so doubt it. (TRH-Ca)
HONDURAS, HR-3/24 at 0240 Live Sport, 0245 ID w/AM&FM freqs. Fair signal in tent in SW NM, WLS nulled (ØW-NM)
- 910 MEXICO, Cd. Obregon, Son. 3/26 at 0330 ID "X-E-H-0, 910 Khz, Radio Centro, Cd. Obregon, Sonora" then ads, Fair, but under KJJJ (ØW-AZ)
- 920 MEXICO, Culiacan, 3/26 at 0420 Pgm of musica romantica to 0455, "Radio Culiacan" slogans: XECQ jingles, fair in Sierra Vista, o/ another XE. (ØW-AZ)
- 940 CUBA, Holguin-CMKD 3/28 at 0303 SS, OM w/nx typical Cuban Reloj Format "R's" in code u/ KIXZ. SE Beverage (CK-Co)
- 950 MEXICO, Nueva Rosita, Coah. 3/24 at 0140 on XEYJ, ads for local baile, then Latin mx. QRM de KIMN, Logged throughout NM and AZ always w/KIMN QRM (ØW-NM)
- 970 MEXICO, Cd. Juarez, Chih. XEJ 3/23 at 1555, Daytime log at Hillsboro New Mexico. Mexican Pops, ballads, "La J Mexicana" As strong as XEROK. (ØW-NM)
- 1000 MEXICO, Mexico D.F. -XE0Y, at 0534 on 3/25 SS, smooth XE mx, "Es Rad-yo mil" jingle. SE Beverage (CK-Co)
- 1050 MEXICO, Mexicali, B.C. -XED, 3/25 at 0342 VG signal w/mariachi mx "La Gran D de Mexicali" in Sierra Vista. (ØW-AZ)
MEXICO, Monterrey-XEG 3/26 at 0540 Excellent signal in Sierra Vista-no sign this time of XED, which was strong the night before, Strange! Pgm of ranchera mx (ØW-AZ)
- 1060 MEXICO, Mexico D.F. -XEEP 3/24 at 0310 "Radio Educacion" OM/YL disc. pgm of culture. Fair signal in tent in SW NM KUKQ no problem (ØW-NM)
- 1130 MEXICO, Nogales, Son.-XEHM 3/26 at 1357 Good signal in NM, Hx (ØW-NM)
- 1240 MEXICO, Nogales, Son. 3/27 at 0337-XECC Sentimental and mariachi mx canned slogans after each number. Vy nice listening "Radio Mexicana" (ØW-AZ)
- 1250 MEXICO, Hermosillo, Son.-XEDL 3/26 at 0159. Jingle "XEDL de Hermosillo" followed by muebleria ad, then ranchera mx. Fair signal in Sierra Vista, but soon lost to WREN (ØW-AZ)
- 1260 MEXICO, San Luis Rio Colorado, Son.-XEMW at 0400 on 3/24 Full ID (canned) ancor ment. 1000/250 watts, xmt r at Colonia Ganadera. "Radio San Luis" Fair/good in all NM/AZ locatons (ØW-NM)
- 1270 MEXICO, Tijuana-XEAZ, 3/24 at 0400 ID, tropical mx, fair o/others on frequency (XEs), Logged near Silver City, N.M. (ØW-NM)
MEXICO, Nogales, Son. XENY 3/27 at 0236 Pgm "Noches de Buena Suerte" (national lottery pgm), fast talking YL reading winning numbers. Back to studio at 0300 w/XE Pops, ads. Slogan is "Radio Geny" (pronounced Henny) (ØW-AZ)
CUBA, Camaguey-CMHD 3/28 at 0323 SS, OM with nx "Rs in code, time ticks in background, fair to good o/u KSSA SE Beverage (CK-Co)
- 1300 MEXICO, Nogales, Son. XEXW-3/27 at 0420 "Radio Sensacion" pgm of mx romantica, Sonora and Arizona ads, local logging, also hrd w/fair signals in Sierra Vista. (ØW-AZ)
MEXICO, Cd. Juarez, Chih. XEP 3/28 at 0231 Fair in AZ with ballads, "Radio Trece" o/u KROP (ØW-AZ)
- 1350 MEXICO, Nogales-XEHF 3/27 at 0513 Mx nortena, political ads for Felix Valdez. Slogans are "Radio Nortena" also "Radio Complacencia Trece Setenta" Local logging, but hrd throughout AZ and NM (ØW-AZ)
- 1420 MEXICO, Cd. Juarez, XEF 3/24 at 0130 ads, full ID, VG signal in camp near Silver City, NM (ØW-NM)
- 1430 MEXICO, Cd. Obregon, Son. XEOX 3/27 at 1332 variety of mx, lots of ads. Good signal in Nogales. (ØW-AZ)
- 1540 MEXICO, Hermosillo-XEHOS 3/26 at 0242, Soft vocals, local ads, again "vote for Felix Valdez" ad, slogans, Good signal in Sierra Vista, but mixing w/KEDA, also SS. Slogan "La Poderosa" (ØW-AZ)
- 1590 MEXICO, Mexicali-XEYX 3/23 at 0259 s/off anmt, NA anc'd 10KW, good signal at Socorro, NM (ØW-NM)

TRANS-PACIFIC DX ROUNDUP

- 155 U.S.S.R., Khabarovsk-YL in RR w/clas. mx in passing at 1240 on 4/12. (PM-Or)
- 182 U.S.S.R., Petropavlovsk with w/Middle Eastern type mx // with 200 KHZ, weak and fady at 1236 on 4/12. (PM-Or)
- 191 U.S.S.R., Blagoveshchensk hrd // w/155 KHZ YL in RR 1242 4/12 (PM-OR)
- 200 U.S.S.R., Aleksandrovsk-Sakhalinskiy, presumed the source of the Middle Eastern mx // 182 KHZ, OM in RR at times 1239 4/12 (PM-OR)

- 236 U.S.S.R., Magadan-hrd // 155 with YL in RR, clas. mx 1215 on 4/12, weaker than 155 and 182. (PM-Or)
- 245 U.S.S.R., Vladivostok-fair to good 1114 3/23 (AWP-Ca)
 +Also noted with alternating YL and OH (sounded like a Moscow signal) at 1156 on 4/12, in RR (PM-Or)
- 524 ALASKA, Valdez (Mineral Creek) beacon signal "MNL" weak at 1043 4/8. Suggest tuning on your BFO and beating it down to 300HZ or less, use a low pass on audio filter in you have one. New (AWP-Ca)
- 529 ALASKA, Level Island, beacon signal "SQH" outstanding signal--- several orders of magnitude better than ever before 1205 4/1. By the way, the Alaska Airport Facilities Directory gives coordinates 56 degrees 27.9 N by 133 degrees 05.7 W placing it on Level Island which is 28 statute miles due West of Wrangell and over 100 miles from Sitka. (AWP-Ca)
- 531 AUSTRALIA, Kempsey-2MC, vy good with nx at 0900 after ID on 4/16, best hrd in a while. (PM-Or)
- JAPAN, Morioka-JOQG, strong beating against TIS on 530, some weak JJ talk at 1351 3/27. (TOH-Wa)
- 549 t JAPAN, Naha-JOAP strong at 1348 on 3/27 (TOH-Wa)
- 585 CHINA or USSR, Chinese or Korean talk at 1345 3/27, lots of KVI slop (TOH-Wa)
- U.S.S.R., Svobodnyy 4/2 at 1608 CC ID Radio Moscow good // 1476 KHZ (REW-Hi)
- 594 t JAPAN, Tokyo-JOAK at 1300 on 3/21 JJ OH w/talk, signal faded when it was time for NHK Pips, peaked immediately after, radio play hrd earlier. Local KCSJ nulled. Loop (CK-Co)
- +Also noted at 1343 on 3/27, male mentioned NHK. (TOH-Wa)
- 612 GUAM, Agana-KUAM-According to KHVH in Honolulu, sister station KUAM is not bankrupt and off air, but KUAM-TV is bankrupt. This info as of 4/12/85. (DPK-Hi)
- 657 NORTH KOREA, Kangnam-3/25 at 1238 w/KK talk (GK-Ca)
 +Also noted w/KK talk by male at 1347 3/27 (TOH-Wa)
- UNID, CC mx u/Kangnam 3/25 at 1238 (GK-Ca)
- 666 UNID, not sure if CC or JJ at 1347 on 3/27 (TOH-Wa)
- 675 UNID, CC talk I believe, gone in 2 minutes at 1343 3/27. (TOH-Wa)
- 690 UNID, bizarre station, possibly Asian, hrd u/CBU and QRming NHK During XETRA SP from 1105-1155 4/4. Strange chants, silly noises, beeps, tones, even Radio Australia Bird Noises. This went non-stop for 50 minutes. No ID or talk hrd. Most bizarre thing hrd on MW. Any ideas? Maybe a pirate? (TRH-Ca)
- 693 JAPAN, Tokyo-JOAB fair w/YL interviewing on 3/28 at 1152, pips at 1200. Lost to Xetra s/on at 1201. (TRH-Ca)
 +Also noted 20 DB over s/9 at 1341 on 3/29. (TOH-Wa)
- 702 D.P.R. KOREA, Chongjin 4/2 at 1605 KK nx, alternating male/female WRTH 1985 says reported on 700, but now back on 702. Good (REW-Hi)
- UNID, bits of audio, bad KIRO slop at 1336 on 3/28. (TOH-Wa)
- 747 JAPAN, Sapporo-JOIB-in well at 1335 on 3/28. (TOH-Wa)
- 756 UNID, KK sounded // to 819? on 3/28 at 1334 (TOH-Wa)
- 819 UNID, KK sounding talk at 1330, slop from KGO on 3/29 (TOH-Wa)
- 828 JAPAN, Osaka-JOBB-3/21 JJ talk, OH pgm S-2 signal in the clear, w/Loop antenna. (CK-Co)
- 830 ALASKA, Big Lake-KABN 4/6, ID at 1200, then CNN nx, Matsu WX at 1259, then CNN nx on the hour. NHK pips and tone 9828 KHZ) noted, with nasty het much of the time. WCCO gone into SR, no KIKI (RHM-Wa)
- HAWAII, Honolulu-KIKI vy good 3/28 at 1336,rr mx (GK-Ca)
- 837 AUSTRALIA, Rockhaption-4RK hrd w/EE nx 3/21 at 1204 (GK-Ca)
 UNID, 2 or 3 Far East stations 3/25 at 1245, also 3/28 at 1330 One JOOK, possibly CK and KK also (GK-Ca)
- 840 ALASKA, San Point-KSDP-4/6 s/off at 0858, weak but alone, announced 250 watts, so would be 3rd best Alaskan ever hrd. Note this Sat. AM 0800-0900 (0700-0800 when DST), period is clear of KSWB, and may well be the only day KSDP is on this late. (RHM-Wa) (KSDP has a regular sign off at 0858 daily. They are heard quite often from 0800 to 0900, here. PM)
- 846 UNID, Asian talk possibly KK hrd 3/28 at 1330 thru KOA slop, also at 3/30 1300 w/time pips. (GK-Ca)
- 855 UNID, Asian music 3/28 at 1341, but too much KTRB splat to pursue it. (GK-Ca)
- 873 CHINA, Harbin, clear and strong in CC 3/21 at 1217. (GK-Ca)
- 882 UNID, Choral singing at 1336 on 3/27 (TOH-Wa)
- 891 AUSTRALIA, Adelaide-5AN strong 3/23 at 1101 w/ "This is ABC news" and EE nx (GK-Ca)
- THAILAND, Saraburi-vy strong o/JOHK and others, for several minutes 3/28 at 1338, then faded. Cong and Flute mx. (GK-Ca)

- 1008 JAPAN, Osaka-JOHR nice signal 3/21 at 1210 w/JJ mx (GK-Ca)
 1035 UNIDS, 2 stations slow pips mixing w/NHK type pips 4/4 at 1300
 mx box IS u/JJ and KK, also "V" (...) in MCW. 1304 was YL in
 JJ, OH in KK and MCW, 1311 sounded like a YL in CC on top. Perhaps
 HLCP, NHK, and a bit of Taiwan? Odd. (GK-Ca)
 1044 CHINA, Changzhou strong in JJ 3/21 at 1212 (GK-Ca)
 t +also possibly station on 3/21 at 1253 YL singing CC Opera, S-1 to
 S-2 signal, OH Ancr faded below audio threshold. Loop (CK-Co)
 1053 KOREA, jammer 3/21 hrd all morning. Constant hiss ranging from
 S-5 to S-9! No sign of VOPFR at all. Loop (CK-Co)
 1080 HAWAII, Honolulu-KWAI at 1039 on 4/9, noted off the air, at 1041
 w/RS, 1046 recheck on-off, pattern repeated over and over. (DPK-Hi)
 1134 t JAPAN, Tokyo-JOQR at 1106, in JJ talk by two YLs into Van Halen's
 Jump on 4/1, static and local QRM. (DPK-Hi)
 1170 HAWAII, Honolulu-KOHO-at 1054 on 3/11, noted w/OC instead of
 daily SP. (DPK-Hi)
 1224 AUSTRALIA, Sydney-2WS-4/2 at 1602 to "It's 2:02 on 2WS" Roger
 Whiteaker song. Temp. there was 17 degrees C. In clear. (REW-Hi)
 1270 HAWAII, Honolulu-KNDI-at 1037 on 4/9, noted off air again, on
 and off repeatedly. (DPK-Hi)
 1380 HAWAII, Pearl City (Waipahu)-KLNI noted w/OC instead of SP at 1052
 on 3/11. (DPK-Hi)
 1413 JAPAN, Fukuoka-JOIF -Kyushu-Asahi BC Corp weak in JJ at 1058 on
 3/25. New (AWP-Ca)
 t +Also noted at 1116 on 4/9 vy poor, in JJ, hrd 3 men with some type
 of Variety Show, but lost to KCCN OC at 1118. (DPK-Hi)
 1503 UHID, TP Carrier w/fair signal 3/28 at 1349 (GK-Ca)
 1540 HAWAII, Honolulu-KISA-at 0826 on 4/9, noted off air early. (DPK-Hi)
 1566 SOUTH KOREA, Cheju-do,HLAZ hrd vy strong and clear 3/28, 1344 w/
 call letter ID and rel. mx Not noted after 1400 so apparently s/off
 at that time. (GK-Ca)
 t +at 1340 on 3/28, sounded like KK,mx in background seems rel. pgm
 1400 one low pip on hour and more rel. singing. (TOH-Wa)
 1575 THAILAND, Ban-Pachi VOA hrd w/slow EE pgm at 1145 on 4/9, best hrd
 in a while. (PM-Or)
 t +Also noted w/pgm that sounded like Special EE at 1245 on 4/6 (AWP)
UNID, Asian talk at 1221 on 3/25,too much 1580 slop (GK-Ca)
UNID, Strong carrier,no audio, presume from VOA at 1356 on 3/29 (TOH)
 1584 JAPAN, vy weak JJ talk at 1313 on 4/11, barely above mud (PM-Or)

Chris Knight sends in a list of the South American MW Stations heard at his
 QTH in the past 4 Years: Peru: 854-OAX4A, ECUADOR: 700-HCRS2, 890-HCRS6, and
 HCEW2 on 995. COLOMBIA: 620-HJEL, 700-HJCX, 720-HJAN, 730-HJCU, 760-HJAJ,
 770-HJXX, 810-HJCY, 820-HJED, 840-HJBI, 870-HJSD, 890-HJCE, 895-HJPM, 1000-
 HJAQ, 1005-HJJR, 1025-HJFT, 1040-HJAI, 1100-HJAT, 1130-HJAC, 1180-HJFX.
 VENEZUELA: 670-YVLL, 1080-YVQJ, and 1200-YVZO.

VERIFICATIONS:

- 670 ALASKA, Dillingham-KDLG-rec. a vy nice Black and White QSL card in
 2 weeks. Also sent info on NPR stations in Alaska. Sign by Les
 Robinson-CE. Already had a letter from them back in 79, but wanted
 their QSL card. (PM-Or)
 780 ALASKA, Nome-KNOM-full detail QSL on postcard view of Nome, signed
 by Tom Busch-GH. He seems to know my location, as he compares the
 wild pips who live around my Beverage with his Grizzlies. (REW-Hi)
 800 NETHERLAND ANTILLES, PJB-Bonaire TWR cd in one month (TRH-Ca)
 828 JAPAN, Osaka-NHK 2, Imperial Garden QSL in 3 weeks (TRH-Ca)
 830 BELIZE, Radio Belize map card and Belize info in 1 mo, for 2 IRCs
 to WRT address (TRH-Ca)
 1610 ANGUILLA, Caribbean Beacon Cd in 2 months for 2 IRCs (TRH-Ca)
 1629 AUSTRALIA, Melbourne (Kooyong) sent nice Blue and White QSL card
 in 3 months for taped report. 500 watts. I have now all 4 RPH
 stations verified (all 500 W). Signed Gleda Didsburg for Manager (PM)

THANKS TO THESE REPORTERS:

- TRH-Ca Tim Hall-350 G. St. Fl-Chula Vista, Ca. 92010-4505
 DX-150B, Longwire antenna
 GK-Ca Glen Kippel-612 West Ave.-Merced, Ca. 95340
 SP-600, Loops.
 CK-Co Chris Knight-598 South Clarion Drive-Pueblo West, Co. 81007
 R-1000, Many 1000' Beverages 4 foot box loop
 RHM-Wa Roy H. Hillar-13714 30th Avenue NW-Marysville, Wa. 98270
 FRG-7, Sanserino Loop DAK-3, SM-1

(REPORTERS CONTINUED)

TOH-Wa Tim O'Hare-20023 84th West-Edmonds, Washington 98020
AWP-Ca Art Peterson-851 31st Street-Richmond, California 94804
FRG-7, LW Converter, Radio West Loop, 300' LW.
DPK-Hi Dale Park-2253 Kanealii Avenue-Honolulu, Hawaii 96813-1345
TRF Radio
ØW-Co John Wilkins-4385 Hoyt Street #205-Wheat Ridge, Co. 80033
DXing in NM and AZ-R 1000/2 ft., Spiral Loop/TRF on Road and in Tent.
REW-Hi Richard E. Wood-P.O. Box 5074-Hilo, Hawaii 96720
ICOM R-71A, R-1000, Beverages.
PM-Ør Yer Editor
SP-6003X, E.H. Scott RBØ-2, Sony ICF-6500W (Mod), 2-1500 East Bev.
LW Converter, Term. 200' LW, Super Radio, etc.

THAILAND, THE "NEW SIAM", SELECTS HARRIS FOR EDUCATIONAL EXPANSION

Ray Schafer

Thailand is a beautiful, ancient country in Southeast Asia. The Northern portion is on the Asian mainland; the Southern portion extends down the Malay Peninsula. In the Thai language, Thailand is Muang Thai, which means Land of the Free. There are four natural geographic regions:

- A) Northern—a region of high, steep mountains. Elevation of the highest point, Doi Inthanon, is 8,514 feet.
- B) Eastern—the Khorat Plateau, a high, dry plain.
- C) Central—the low, flat river valley covering about 68,000 square miles.
- D) Southern—a long, narrow strip of tropical mountains.

Project: Education

Broadcasting plays a central role in the mission to reach the people in all four geographic regions, with education being a prime goal of the Kingdom of Thailand. The majority of the population is now literate.

In 1980, the Ministry of Education was given approval to proceed with the Fifth Educational Project, which included the Second Broadcasting Network Project for Education. This sub-project was assigned to the Thai Public Relations Department (PRD), and the task of preparing bid specifications and selecting qualified suppliers of radio broadcasting equipment was assigned to the Radio Engineering and License Divisions.

Tender bid specifications for complete turnkey radio broadcasting stations were released to worldwide suppliers in late 1980. After many months of engineering evaluation and negotiations, PRD awarded a contract in May, 1982 to Loxley Bangkok Limited, a highly diversified company in Bangkok. Loxley, originally a teak log and rice trading company, has evolved over its 60-year history to become one of Thailand's largest companies serving a wide range of high technology engineering, construction, office equipment, chemical and electrical requirements. As Thailand agent for Harris Broadcast Group, Loxley combined its diversified national status with Harris' design and manufacturing capabilities to provide a winning combination for the project.

Harris was responsible for systems designs and supplied all the equipment. Loxley was responsible for the installation phase, with the support of Harris field engineers. The project was successfully completed in 18 months, with PRD accepting the last broadcasting station in November of 1983.

Coping With The Elements

The Royal Thai Government's Project for Education consisted of 11 complete broadcasting stations spread across the varying countryside. It offered a very challenging installation.

The local conditions brought problems that are not unusual in this part of the world. Severe flooding hampered progress at both the start and end of the project—especially in Songkla and Chanthaburi. At other sites, workers contended with excessive heat and dust. Fortunately, the local labor force was accustomed to these extreme environmental conditions, and was well equipped to cope with them.

Systems And Sub-systems

The project included both AM and FM stations with complete studio/control rooms and standby AC generators. To provide directional coverage at selected AM sites, a two tower phased array antenna sub-system was designed. A typical project station consists of the transmitter, antenna, studio and AC power distribution/generation sub-systems.

The transmitter sub-systems consist of not only Harris transmitters, but also peripheral equipment such as RF dummy load, RF transfer switch or patch panel, transmission line, pressurization equipment, etc.

The highly reliable Harris medium wave vapor phase cooled VP-100A transmitter is utilized for the 100 kW stations, and the equally reliable Harris air cooled MW-50B transmitter is the heart of the 50 kW stations. To obtain the required power level for the 20 kW stations, a 20 kW combiner with a common RF driver unit was matched to two standard Harris MW-10B transmitters. This increased the on-air reliability with the redundancy of two 10 kW transmitters in lieu of one 20 kW transmitter. The same philosophy was used for the 5 kW FM stations. The outputs of two standard Harris FM-2.5K transmitters were combined in a standard 5 kW combiner, which increased the on-air reliability over that of a single 5 kW transmitter.

Continued on page 41

DX WORLDWIDE EAST

EDITOR: Jim Hall, 240 Byron Rd., Pgh., PA 15237

T R A N S - A T L A N T I C D X

- 774 SPAIN, synchros 0543 3/23 : US soul hit "How 'bout Us", then SS talk by man, o/SAH cluster. (Connelly-MA)
- 819 t ANDORRA, 0615 3/17 : Presumed, w/FF talk. Havn't hrd this station for several years now, not even a het. I think the French shut them down for some reason. Low - band TA hets everywhere : 549, 567, 585, 612, 666, 684, 729, 738, 774, 783. Also 164, 179. If no auroras in next few weeks, these should all be great. (Smith-DC)
- 855 SPAIN, Murcia 0523 3/23 : Man & woman in SS, good w/WHDH phased. (Connelly-MA)
- 873 unID, 0455 3/23 : African-sounding mx. o/SAH. (Mozambique?). (Connelly-MA)
- 882 t CANARY ISLANDS, 0548 4/7 : SS-sounding talk by woman, badly splashed by WCB5. (Connelly-MA)
- 891 ALGERIA, Algiers 0447 3/23 : Loud w/AA mx and talk. (Connelly-MA)
- 1044 MOROCCO, Sabaa-Aioun 0519 4/7 : AA female vocal loud & clear ; WHN slop was phased out. (Connelly-MA)
- 1062 PORTUGAL, Sao Salvador 0606 3/23 : PP talk, fair. (Connelly-MA)
- 1206 t FRANCE, 0611 3/23 : Female operatic vocal. (Connelly-MA)
- 1215 ALBANIA, Lushnje 0245 3/30 : Hrd OC. Did not hear IS, NA, or s/on. Just started in talking at 0302 w/AA (Turkish?). Very strong after 0400. Woman with news in Albanian, I guess. Also 0425 3/17, strong, easy copy w/nx in some Slavic lang. or another. This is the foreign service outlet. Big suprise, first Albanian here, country #68. (Smith-DC)
- 1314 NORWAY, Kvitsdy 0510 - 05253/26 : Smashing signal w/Norwegian talk, MoR female vocal -- better than adjacent domestics at times. (Connelly-MA)
- +0510 3/18 : V. str. w/Nor. talk, mix of Eurorock & US, British, Beatles, etc. Nice, audio really hollow. Heavy QSB, path must be close to the auroral cap. Thought it was Lake Wobegon for a moment. Also 0500 3/26 w/s/on, 10 min. of nx, then into mx. Also 0420 3/30, Regular here now (per another report from G.S.)ed. almost every night, w/very enjoyable pgms of mx. (Smith-DC)
- 1521 SPAIN, 0411 3/24 : Pop mx, & SS talk to fr peaks o/ fast SAH. (Connelly-MA)
- SAUDI ARABIA, Duba 0300 3/27 : Hrd OC beginning 0230. Did not hear s/on, IS, or NA, just chanting beginning 0302. Sds/1k the Koran. Big swings in sig, overwhelming WKBK at times. (Smith-DC)
- 1530 VATICAN, 0452 3/24 : Apparant GG talk & rlgis mx - pr to fr w/WCKY phased. (Connelly-MA)
- 1539 unID (WEST GERMANY or SPAIN), 0457 3/24 : Men's glee club or barbershop quartet type mx, in bad WPTR slop. (Connelly-MA)
- 1557 FRANCE, Nice 0510 3/30 : V. xInt signal. In Arabic w/exotic mid-east violin orchestra & moaning ladies. Best ever hrd. (Smith-DC)
- 1575 PORTUGAL, Porto - Canidelo 0500 3/24 : PP talk & US hits to gd readability on peaks despite CKLM slop. (Connelly-MA)
- 1584 SPAIN, 0621 3/23 : SS talk, fading w/onset of daylight at xmtr site. (Connelly)

*1521 - should read WKRW

P A N - A M E R I C A N D X

- 640 CUBA, Guanabacoa CMBB 0455 3/17 : Playing Portuguese Samba music. ID at 0500 as "Ondas de la Negra" then into Stevie Wonder tune. Jeez, I guess this is Cuba, not sure. No regular Rebelde/Progreso ID as usual. Also 0800 3/17 w/ "R. Progreso Cadena Nacional" ID (usually hear R. Rebelde). '85 WRTH lists both CMNH Pilon and CMBB Guanabacoa as Progreso net. (Smith-DC)
- 730 MEXICO, Mexico City 0600 4/8 : Contrary to common belief, this stn does ID with call sign. "XEX, Radio Festival Informa," into nx on the hour. (That's "Equis ay equis). XInt signal. (Smith-DC)
- 800 NETHERLANDS ANTILLES, Bonaire 0240 4/2 : TWR in EE -- man telling of Bible school in Taiwan. Also a prayer. TV1 QRM. (Demmitt-PA)
- 830 BELIZE, 0130 3/30 : XInt, also bombing in on 3285 kHz. EE nx, then into SS at 0140. (Smith-DC) (booming - ed.)
- 870 COLOMBIA, Barranquilla HUSB 0500 4/7 : Apparant s/off w/SS talk "transmitiendo desde Barranquilla Mar Caribe 30000 vatios en antena", followed by open carrier. WWL phased. (Connelly-MA)
- 895 COLOMBIA, Santa Marta HJPM 0550 4/7 : Festive LA mx. (Connelly-MA)
- 1100 ANTIGUA, St. John's ZDK 0537 4/7 : Reggae show gd o/HJAT w/dominant WWWE phased. (Connelly-MA)

- 1425 unID, 0525 3/27 : Romantic ballads w/orch. etc. Nice music. Too much slop from C
 CJCL 1430 tonite. Someone has reported a Colombian here recently, but all
 I've hrd is the HC. (Smith-DC)
- 1580 MEXICO, Hermosillo XEDM 0700 3/18 : "La Grande de Sonora" ID, and also
 callign (Equis Ay Day Emmay). Hrd reg. in Chicago, but seldom here. (Smith)
- 1610 ANGUILLA, 0256 3/24 : Caribbean Beacon w/male preacher giving CA address,
 musical interlude, ID. QRM - beacon (who?ed.), QRN - T-storm. (Demmitt-PA)

CREDITS:

(Demmitt-PA)
 (Connelly-MA)
 (Smith-DC)

John H. Demmitt, Box A K0848, Bellefonte, Pennsylvania 16823
Mark Connelly, 30 William Road, Billerica, Massachusetts 01866
 (HQ-180A with two 37-m. wires phased w/MWDX-2B phasing unit)
Gardner Smith, 1000 Perry St., Washington, DC 20017
 (Sony ICF 7600D / Toshiba F-11)

Bye.

Continued from page 39

**Fine-Tuned
 Antenna System**

The antenna sub-systems comprised all the elements required to transmit the RF signal from the building interface to the airways. Insulated guyed towers with antenna matching units were supplied for the AM station radiators. For AM stations requiring a directional radiation pattern, a two tower Harris designed phasor was utilized. Each phasing system was custom designed by Harris to meet the specific needs of each directional AM station. Particular attention was paid to bandwidth, stability and the high voltage and current points in the system. The phasing and matching systems of all AM sites were installed, tuned, and placed into operation without a single component failure or replacement.

The RF radiator selected for each FM station was a standard Harris FML-4C circularly polarized low power four bay antenna. The CP antennas were pole mounted on top of 90-foot self-supporting towers to achieve an overall height of 130 feet.

The AC power distribution sub-system for each station included emergency stand-by generators. Here again, complete sub-systems were supplied with ancillary equipment such as fuel day tank, battery charger, annunciator panel, etc., along with the diesel generator and distribution switch gear. Even though the power requirements varied among stations from 35 kW to 330 kW, one vendor—All-Power, Inc.—supplied all generators to give commonality to the sub-systems.

Technical Education

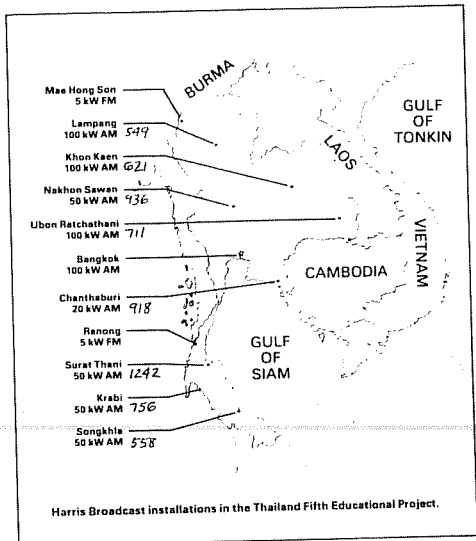
Complementing the design and installation of a national educational broadcast network, Harris provided a technical education program for 30 PRD engineers in Bangkok. Rex Sandidge, Manager-Instructional Development at Harris, conducted the four month program, which encompassed all supplied equipment.

From August 20 through December 23, 1982, the PRD engineers received information on equipment, theory of operation, detailed circuit analysis, practical applications and adjustments. With this valued information, the PRD engineers are well equipped to properly maintain all the new broadcast facilities.

**Down To The
 Final Touches**

Each broadcasting station is self sufficient, and originates its own local programming. However, plans are being made to link the stations into a national network—and already the national news

From a Harris Corp brochure via Glen Kippel



is simultaneously broadcast on all the new stations.

A studio/control room was designed for every station and in addition, selected stations were supplied with production capabilities. Harris M90 modular audio consoles and CB-1201 professional turntables were teamed with Ampex AG-440-2 and ATR-700-2 audio tape recorders as the equipment nucleus for the studios. Special attention was given to match all equipment cabinetry. Micro-Trak Corporation designed and manufactured all turntable and tape recorder cabinets. The net results were very functional and attractive studios.

The PRD engineering staff said they are well pleased with the coverage area of all the stations, and also with the ease of operation of the new Harris equipment.

The Thailand project proves once again Harris' resourcefulness in putting together the components of an effective broadcast network. With increased information and access to programming now available to so many more Thai citizens, this project is a giant step forward for Government Public Relations Department, the Ministry of Education, and a source of pride for Harris Broadcast Group.

Ray Schafer is Thailand Program Manager at Harris Broadcast Transmission Division.

DX WW II

EDITED BY
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2614 JACKSON STREET
SAN FRANCISCO, CA. 94115

T R A N S - P A C I F I C

ALASKA - KJNO-630 granted 5kw-D, 1kw-N U1. KIFW-1230 Sitka now 1kw U1 (BM).
AUSTRALIA - 30 stations began (Motorola) AM stereo February 1 (BBC).
BANGLADESH - R. Bangladesh 693/819/873/963/1053/1080/1098 has EE news 0110-0120, 0305-0310, 0705-0710, 11255-1300, 1530-1540, 1705-1710 (BBC).
HAWAII - The calls "KAHU" have been granted to Wendell K. Kaehuana in Hilo (BM). (Believe this is 1060kHz-pt).
LAOS - National Radio-1030 carries these external svc. 1/2 hour pgms.: Cambodian 0000, 0400, 1230; FF 0030, 0530, 1300; EE 0100, 0600, 1330; Vietnamese 0430, 1200, 2330; Thai 0400, 1130, 2300 (BBC).
SRI LANKA - VOA is building a relay here. MW freqs unknown (BBC).
THAILAND - VoFA-1575 30-min. M-F programs: 1130 Thai; 1230 Laotian; 1300 Cambodian; 1330 Vietnamese; 1500 EE (BBC).

T R A N S - A T L A N T I C

ANGOLA - Cuba's CIRT has helped in the installation of broadcasting studios and control equipment at stations in the provinces of Moxico, Huila, Uige and Namibe (BBC).
AUSTRIA - Oesterreich-1 on 585/1026/1476 is on 0500-2305 in GG except for an EE/FF newscast from Blue Danube Radio 0705-0715 (BBC). (Times are 1 hour earlier during DST-pt).
BURKINA-FASO - National Radio 747/1341 is on 0528-0830, 1158-2400 (MTuWF), 0528-2400 (Th), 0558-2400 (Sa, Su) in FF except for EE news 1330-1400 Su., local languages 1500-1700 M-F and 1800-1845 Sa/Su. Bobo-Dioulasso on 1008 w/50kw carries local vernacular programs and some Ouagadougou pgms. (BBC).
CHAD - Chadian National Radio has added 10 hours of programming per week, including new newscasts at 1200 and 2055, and new programs entitled "The Militants' Opinion," "Women's Forum," "The Event" and "Development by All and For All" (BBC).
CYPRUS - RMC-1233 Cap Greco is on 0400-0700, 1100-2100 in AA & FF (some TWR programs are heard at other times). FF news is 0630-0645, 1130-1145, 1830-1845 (BBC). Radio Bayrak-P1 on 1098kHz is on 0430-2200 in Turkish. P2-1494 is on 1000-2100, with EE 1000-1130, 1215-1700 (to 1630 M-F), 1700-1800, 1830-2100; Greek 1130-1215, 1800-1830; and AA 1630-1700 (M-F) (BBC). (Times 1 hour earlier during DST-pt).
EGYPT will not observed DST this year (BBC).
FRANCE - A 4.5kw RFI MW relay in Romainville (near Paris) goes on in June. (no freq.-pt). France Culture began 24h service on Jan. 29 except for a maintenance period 2300 Mon.-0500 Tuesday (BBC).
GUINEA-BISSAU - RDP (Portugal) will help equip a new R. Bissau broadcasting complex at Nhacra, 30km from Bissau (BBC).
HUNGARY - Kossuth network (Solt-540, Miskolc-1116) is on 0325-2330 (0400-2330 Sun.); Petoefi network (873/1116/1188/1251/1341/1350) is 24h. Stations also carry some regional programs. Local programs are on from 0700-0900, 1600-1730 M-F (1700-1730 Su.) on Gyoer-1116/1188/1350, Miskolc-1116, Nyiregyhaza-1250, and Pecs-873. In addition, Pecs-873 is local 1730-1835 and carries the R. Budapest GG service 1835-2000 Sun. Szolnok-1350 is local Sat. 0600-0900, Sun. 0700-0930, 1630-1730- M-F, 1700-1730 Sun. (BBC).
IRAQ - After some heavy Iranian shelling, Basra radio was off March 11 (BBC).
ISRAEL - The U.S. is building a station here to relay VOA, R. Liberty and RFE programs to the USSR. The Arad region of SW Beersheba is being considered as a transmitter site. Radio Maccabee is the name of a potential new Israel-based service to be beamed to the USSR. Israel observes DST April 14 thru Sept. 14th (BBC).
IVOIRY COAST - Rdif. Ivoirienne on 1233/1494/1575 is on 0600-2400 in FF and vernaculars. Also, there is an EE program 1800-1900 M-Sat. (BBC).
JIBUTI - R. Jibuti-1538 is on 0300 (0500 Fri.)-1900 in FF, AA, Somali & Afar (BBC).
LEBANON - Islamic Unification Radio-1014, Tripoli has AA religious programs 0445-0820 and 1125-1530, with news at 0730, 1230-1240, 1330 and 1400-1435. Voice of Lebanon-873 is on 0405-2330 Sun.-Fri. (0405-0100 Sat.) in AA except for these 10 min. newscasts: FF 0800, 1100, 1600, and EE 0900, 1200, 1700 (15m) (BBC). (The 1200 nxcast is shown as 1200-1310 - pt).
LIBYA - Tunisia has asked Libya to cease the "Voice of Vengeance, Voice of Holy Hatred" anti-semitic broadcasts on 71kHz directed toward Tunisian Jews. Libya has denied any knowledge of the transmissions which reportedly emanate from its Zuwarah region. It is on 2100-2300 (BBC).
LUXEMBOURG - R. Luxembourg-1440 broadcast a Sikh pro-separatist "Khalsa Voice" program on February 26 at 1845. It was subsequently cancelled (BBC).
MALI - France is to provide Mali radio & TV with some broadcasting equipment. Envisaged are expanded facilities in Kati, Koulikoro and Segou (BBC).

MOZAMBIQUE - Pemba-1493 now on 1489.3; fair signal, poor modulation (VK).
NIGERIA - FRCN-693 Makurdi is being handed over to the Benue State Government (BBC).
QATAR/KUWAIT/UAE/BAHRAIN - QBS-675/954 and Voice of UAE-657 carry the "Voice of the Cooperation Council for Doha" from 0830-1030 Sat.-Thu. Kuwait-1134 carries it until 1000. Bahrain P2-612kHz carries it 0830-0930 (BBC).

SOUTH AFRICA - The Ndebele service on 1404kHz (5kw) comes from Welgedag, close to Springs on the East Rand. There is a new Radio 5 service from Bloemendal (near Vereeniging) on 576kHz. Daytime coverage is 200km; at night, coverage is virtually nationwide. The Xhosa service on 657kHz uses 100kw 24 hours a day and comes from an area near Komga, 30 miles north of East London. QSL was from Box 36, King William's Town 5600 (VK & BBC).

SPAIN - Radio One is 24h on 585 Madrid/621/684 Seville/738/855 Santander, and 0500-0200 on 585 Vitoria/639/684 Burgos/729/774/855 Pontevedra, Fonferrada, Pamplona, Murcia, Huelva. RCE is a network of independent local stations controlled by RTVE on 1107/1314/1395/1413/1476/1503. Stations carry news on the hour, and relay RNE news at 0700, 1300 and 2300 (BBC). (Programs are on 1 hour earlier during DST-pt).

SUDAN - The Minister of Culture & Information went to Japan in February to contract for equipment for stations in Madani, Ubayyid, Dunqulah, Kassal and Atbarah, and to discuss financing of 10kw MW outlets in Halfa, Fashil, Damazin, Kadugli and Port Sudan (BBC).

SWAZILAND - SRS is now on 954 with a good signal, replacing 881/2 (VK).

SWEDEN - RSI's new Soelvsborg XR went into full operation March 6 with 600kw. It is remotely controlled from Hoerby and eventually will be Sweden's only MW station. It may go to 1200kw in the future. (BBC).

TURKEY - TRT-1 is on 0400-2305 on 954/1062, 0430-2305 on 630/891, and 0500-2305 on 927/1017. TRT-2 is on 0458-0430 on 702kHz (Istanbul). TRT-3 is on 1484kHz and has 12-min. multi-lingual newscasts M-F at 0700 and 1000, and 7 days a week at 1500, 1700, 2000 (BBC). (Times 1 hour earlier during DST-pt).

USSR - Radio Moscow's AA service is on from 1600-1800 on 972/1314kHz and 1800-2030 on 972/1170/1314kHz (BBC).

VATICAN - In order to improve reception, AEG Telefunken is building a new directional antenna for the 1530kHz XR (BBC). (Currently listed as non-DA in GP-pt).

YEMEN, SOUTH (PDRY) - DYBS 756/1188/1593 is now on Fridays 0300-2100 and other days 0200-0600 and 1100-2100 (BBC).

YUGOSLAVIA - Sarajevo P1-612 is now 24h with 600kw. R. Yugoslavia external svc. MW programs: 711kHz Bulgarian 1300-1330; 882kHz Albanian 2130-2200; 1269kHz EE 2215-2230, FF 2230-2245 (BBC). (Pgms. on 1 hour earlier during DST-pt) (BBC).

ZIMBABWE - The government plans to install a high power XR in Gweru (ex-Gwelo) to counteract the "lies and misinformation" of the Pretoria regime radio service (BBC).

P A N A M E R I C A N A

BELIZE - Tass, quoting the Nicaraguan ANN news agency, says the U.S. is building two powerful VOA relays here (BBC).

BRAZIL - The Communications Minister has ordered that all radio and TV concessions and permits granted since October 1984 be reexamined. (BBC). (This probably relates to some last minute concessions (licenses) granted by former president Figueredo just before he left office - pt).

COSTA RICA - The calls for 930kHz are TIRCR (R. Costa Rica). IDs indicate studios are in San Jose rather than at the XR's location in Quesada. It carries RCR programs 1100-1130, 1400-1630, 2030-2400, and VOA pgms. 1130-1400 and 0000-0030. The government has approved the use of 17 new MW frequencies by stations licensed to provide educational and cultural material (BBC).

GRENADA - R. Grenada-535 has resumed carrying VOA's "Caribbean Report" 0000-0030, and continues to carry BBCWS news 1100-1109 and BBC sports 2245-2359 (BBC).

NICARAGUA - R. Libertad, 1kw on 1360 in Jinotepe should be on now as a member of Coradep and serving Carazo and southern Nicaragua (BBC).

PUERTO RICO - WKCK-1470 Orocovis requests 2.5kw at night U1. WWOZ-970 has requested 10kw fulltime. Tanama Communications has requested 1kw on 1020kHz in Adjuntas. WUNO-1320 has the OK to increase its night power to 5kw. WMSW-1120 Hatillo granted 5kw U2. WOIZ is a new AM in Guayanilla (no freq.-pt). The VOA is reportedly building a relay here, too. An application has been filed for 1590kHz 5kw-d/.5kw-n in Aguada (BM and BBC).

VENEZUELA - R. Manzanares-1580 Cumana' is new. Schedule is 1000-0400. Director is Sr. Marco Lopez Inserny. Addr.: Ave. Perimetral, Centro Profesional "Aristedes Rojas," 4° piso, Cumana' (VK).

U.S.A. - Radio Moscow says R. Marti was to have begun broadcasting 14 hours a day on Feb. 14 (BBC). (We know better - pt).

Credits: BBC - BBC Monitoring Service (copyrighted) #s 85/2 thru 15. BM - Broadcasting Magazine (USA). VK - Vashek Korinek, Goodhope, South Africa. **NOTE:** Material included herein may be reproduced freely in other DX publications providing credit is given to both IRCA and the originating contributor.

My apologies for the lack of a column recently. When you run a three person business, and one is out on disability for six weeks and the other resigns, and you're finishing off a 500 page media directory and interviewing replacements, things get hectic. This is mostly BBCMS stuff, and DXM space permitting, I'll finish off the remains in a couple of weeks. Locally, all news KFYI-1310 didn't last long and the channel is dark. It will presumably revert to Ragan Henry ownership and probably KDIA calls and programming. Cheerio, aloha and 73 - pt.

MUSIC

RADIO 850

via Richard Wood
NEWS

Sunday	Monday-Friday	Saturday
* News on the Hour Plus	*	*
* 5:25 Sign On	* 5:25 Sign On	* 5:25 Sign On
* 5:28 Headlines	* 5:30 Morning Chapel Hour	* 5:30 Alaska News
	* Breakfast Show With Jim Brewer	*
* 7:11 Marine Weather	* 6:00 World News Roundup	* 7:10 Marine Weather
* 7:17 KICY Sports	* 6:15 Weather — 6:25 Paul Harvey	* 7:18 Sportstime
* 7:25 College Sports USA	* 6:30 Alaska News	* 7:25 College Sports
* 7:30 Back To God Hour	* 6:35 First Line Report	* USA
* 8:15 Showers Of Blessings	* 6:45 School Lunch and News	* 7:30 Alaska News
* 8:30 Face The Nation	* 6:55 Neighbors + 7:11 Marine Weather	* 7:47 Bulletin Board
	* 7:17 Sports World Roundup	*
	* 7:30 NewsBreak	* 8:06 Paul Harvey
	* 7:40 Mother Earth News	*
	* 8:06 Paul Harvey	*
	* 8:21 Music Radio 850	*
	* Morning Music with Sue Holder	*
* 10:00 Nome Covenant Church	* 9:25 Your Time	* 9:25 Dateline America*
* 11:25 Sports Central USA	* 10:25 Osgood File	* 10:25 Sports Central*
	* 11:15 Marine Weather	* 11:10 Marine Weather*
		* 11:25 Sports Central*
	* Mid-Day Report	*
* 12:15 Ptarmigan Telegraph	* 12:00 - 12:16 World and Local News	* 12:16 Ptarmigan
* 12:25 Sports Central USA	* 12:16 Ptarmigan Telegraph	* Telegraph
	* 12:25 The Rest of the Story	*
* 12:30 Crosswinds	* 12:30 - 1:00 Focus on the Family	* 12:30 Focus on the
	* w/ Dr. James Dobson	* FAMILY (new)
	* Music Radio 850	*
* 1:06 Gospel Greats (2 hrs)	* 1:00-3:00 Modern/Traditional Country	* 2:25 Sports Central
* 3:00 Ranger Bill	* 2:25 HealthTalk 3:10 Marine Weather	* USA
* 3:30 Children's Bible Hour	* 3:00-5:00 Modern Country/Contemporary*	*
* 4:30 Music of the Northland*	* 4:25 Family Forum	*
	* Evening Report	*
* 5:10 World Religion Review	* 5:00 World Tonight 5:15 Alaska News	* 5:16 Sen. Stevens Rpt*
* 5:25 KICY Sports	* 5:25 CBS Sports	* 5:25 KICY Sports
* 5:30 Cabin Prayer Meeting	* 5:30 Face Of Our Town	* 5:30 Country
* 6:10 Weather	* 5:45 Lum 'n' Abner — 6:10 Weather	* Crossroads
* 6:20 Ptarmigan Telegraph	* 6:20 Ptarmigan Telegraph	* 6:20 Ptarmigan Tele.
* 7:00 Evening of Good Music	* 6:30 - 8:00 Eskimo Time	* 6:30 Eskimo Hour
	* 6:30 Eskimo Hour	* 7:06 Music of the
	* 7:00 Music of the Northland	* Northland
	* 7:00 Central Yupik News/Daily Light	*
	* 7:10 Marine Weather	*
	* 7:20 Siberian Yupik News/Daily Light	*
	* 7:40 Inupiaq News/Daily Light	*
	* 8:00 - 8:10 CBS and Alaska News	* 8:25 Manna
* 9:06 Hour Of Decision	* 8:10 Strength For Today	* 8:30 Revivaltime
* 9:30 The Lutheran Hour	* 8:25 Manna — 8:30 Drama	* 9:30 Crosswalk
	* (MWF/Unshackled—Th/Heartbeat Thr)	*
	* 9:00 Focus on the Family w/ Dobson	*
	* 9:30 Insight For Living	*
* 10:11 Weather	* 10:00 - 10:30 Bedtime Report	* 10:10 Marine Weather*
* 10:20 KICY Sports	* News Weather Sports Devotions	* 10:18 Sports
* 10:25 Manna	* 10:30 Nightsounds with Bill Pearce	*
* 10:30 Lutheran Vespers	*	*
* 11:10 Russian Gospel	* 11:10 Russian Gospel Programming	* 11:10 Russian Gospel*

WORLD, NATIONAL, AND
STATE NEWS ON THE HOUR
EVERYDAY



WORLD, NATIONAL, AND
STATE NEWS ON THE HOUR
EVERYDAY

Slogan List Updater 7

Rich Toebe / 2388 American Avenue / Hayward, CA 94545

It's here! The seventh and final updater to the Slogans List in the third edition of the IRCA Almanac. The previous six updaters may be found in the 4/16/83, 7/23/83, 12/31/83, 5/19/84, 10/6/84, and 1/19/85 issues of DX Monitor. The abbreviations used in this list: (rsw)- replace slogan(s) with; (del)- delete slogan specified; (*)- day-timer; (rp)- remove parentheses; (//)- station relays another; (:SS)- station runs programming entirely or mainly in Spanish; (:FF)- station broadcasts in French; (:EE)- a U.S. station normally broadcasting in a foreign language, but with English programming or a Quebec station using a format in English; and (%) - share-timer.

- | | | | |
|-----|--|-----|---|
| 540 | WGTO-FL (add) Continuous Country | 690 | KKUA-HI (add) The best in Hawaiian music |
| | WDAK-GA (rsw) 54 Karat Solid Gold | | KGGF-KS (add) Radio 69 |
| | WDXN-TN* Radio 54 | 710 | KMPC-CA (rsw) Music of Your Life |
| 560 | WIND-IL (add) On the Wind | | WFNR-VA* Super 7-10 |
| | WHYN-MA News & Information Leader | 730 | WFMW-KY* (add) Musicradio |
| | KMON-MT (add) Stereo 5-60 | | WACE-MA* (rsw) The vision of light and hope |
| | WHBQ-TN (add) The Voice of the Mid-South | | KRVC-OR* 73 AM |
| 570 | WAAX-AL (add) 5-70 Wax | | CKDM-MB (add) Musicradio |
| | WVMI-MS (add) 57 VMI | 740 | WBAM-AL* AM 7-40 |
| | WWNC-NC* (add) Radio Ranch | | KTOX-ID* delete, moved to 730 kHz |
| | WNAX-SD When you need a friend on the radio | 750 | KMMJ-NE* (add) Country 75 |
| 580 | WGAC-GA 58 GAC | 770 | WJMW-AL (add) 24 hour country, 77 Country |
| | KALB-LA All-American Countryopolitan | | KJCB-LA Keeping your radio hot |
| | WTAG-MA (add) Radio 58 | | KOB-NM (add) The only station you'll ever need |
| | CKAP-ON Serving Northern Ontario, AM 58 | | WADC-NY (add) 77 Talk Radio |
| | CHLP-PQ Radio Mutuel (:FF) | | WLWL-NC 77 WL, 77 Radio |
| 590 | KFXM-CA The music you remember | | WAIS-OH* Your news and information stan |
| | WARM-PA Warm | | KXA-WA delete all slogans |
| | KHQ-WA delete, now KLSN | 780 | WBBM-IL (add) Newstalk Chicago |
| | KLSN-WA K-Listen, Listen 5-90 | 790 | KBRV-ID* K-79 |
| 600 | KESR-CA* Eastern Sierra Radio | 800 | CKLW-ON (rsw) K-8 Hundred, Music of Your Life |
| | KOGO-CA delete, now KLZZ | | WKZI-IL* Radio 8 KZI |
| | KLZZ-CA Class, Class AM & FM, Class AM for San Diego, AM 6 Hundred | | WTMR-NJ* The Delaware Valley's favorite inspirational voice |
| | (add) Talkradio 60 | 810 | WATI-IN* delete, now WGRT |
| 610 | WSGN-AL US 99 FM (//FM) | | KCMO-MO (add) News/Sports 81 |
| | WIOD-FL (add) Your information and sports authority | | KBHB-SD* Where the music never stops |
| | WDAF-MO (add) 61 Fun Country | 820 | KCBF-AK (add) Radio 8-20 |
| | WGIR-NH (rsw) Newstalk 61 | 830 | KABN-AK (add) Cabin R. 8-30 AM |
| | KRKE-NM (rsw) The source for your favorite songs | 840 | WWAX-AL* delete, now WBHY |
| | WTVN-OH (add) Full service giant in Columbus | | WHAS-KY (add) Radio 84 |
| | KILT-TX 6-10 Radio | 850 | WYDE-AL (rsw) Sunshine Radio Y-85 |
| | CKYQ-NF (add) Q-93 (//CJYQ-930) | | WKIX-NC (add) 85 Country |
| 620 | WSUN-FL (add) 62 Country | | WJAC-PA Action Country |
| | WZON-ME (add) 24 Hour Rock | 860 | KTRB-CA (add) AM 86, The Country Stn. |
| | CJCI-BC Western Interior Network | | WBGR-MD* (add) Baltimore's #1 Gospel Station |
| | CFRP-PQ Radio Mutuel (:FF) | | WLBG-SC* Your country station |
| 630 | KJNO-AK Your kind of country | | KLTV-UT (add) K-Light 93 FM (//FM) |
| | KDWB-MN FM 100 (//FM) | | CHAK-NWT (add) CBC Western Arctic |
| | KSHR-OR delete, now KBEY | 870 | KORD-WA (add) 87 Cord |
| | KBEY-OR AM 63, The South Coast's Country K-Bay | | KUUY-WY Cheyenne's favorite (ex-1530) |
| | WEJL-PA* Music of Your Life | | CKIR-BC Columbia-Shuswap Radio |
| 640 | WHLO-OH (rsw) Contemporary Christian Voice of Akron | 880 | WEEG-GA* (add) 8-80 Country |
| | WMSO-TN (add) Christian Radio for Southwest Tennessee | | WMDB-TN* (add) The station with the big mouth |
| 650 | CISL-BC (add) 6-50 West Coast Gold | 890 | KQLX-ND* Q Country 89 |
| 660 | KCRO-NE* (add) Voice of Inspiration | 900 | WKJK-NC* (rsw) Gospel Radio |
| 670 | CHYQ-NF Q-93 (//CJYQ-930) | | CKDH-NB Country Arcadia |
| 680 | CIYQ-NF Q-93 (//CJYQ-930) | | |

- 910 WKEQ-KY Q-91
WRQC-CT (rsw) AM 9-10, Music of Your Life
- 920 KLMR-CO 92 Country
KQEO-NM (add) Solid Gold Radio
KGAL-OR K-Gal
WKVA-PA KVA
KVEL-UT* (add) Action Radio
WMMN-WV (rsw) Music of Your Life
- 930 WSLI-MS Talkradio
WVNH-NH (add) Serving Northern New England
WSEV-TN* Sevier County's Radio Station
940 WINE-CT* (add) 94 WIN, Your weather stn.
KGRJ-OR* Central Oregon's Best
WKGM-VA* (add) Tidewater's Christian Radio Station
- 950 WWJ-MI All News All The Time, All News 95
KPRC-TX News-Talk
- 960 KMA-IA Total Radio
WPRT-KY* PRT, 96 Country
WSBY-MD (add) Ocean City 9-60
- 970 KUZZ-CA One country song after another
WVDJ-NJ (rsw) 97 DJ
WCHN-NY* (add) AM 97
- 980 WWRG-DC (del) Newstalk 98, (add) Station of the Stars, The New 9-80 WRC
WBSS-FL* (add) Your favorite oldies stn.
WCAP-MA AM 98, #1 Voice in Lowell
WAAV-NC 98 Wave, The New Wave
WONE-OH (add) AM Stereo Country
WCUB-WI Cub Radio
- 990 WHOO-FL (add) Country Music Radio, Your 50,000 watt Watchdog
WNYR-NY Radio 9-90, Country air 24 hours a day, Your official weather station
WLKW-RI (add) Greatest music of all time
- 1000 KKMx-CO* (add) Your Colorado Music Express
KKIM-NM* Inspirational Radio for the Great Southwest
- 1010 WCSI-IN* 10-10 CS1
CFYQ-NF (add) Q-93 (//CJYQ-930)
- 1020 KBQC-NM (add) The Q
KWIQ-WA (add) Q-102
- 1030 KHVY-CA Your Country Highway, Country Highway 10-30, Folsom-Sacramento's 10-30, K-Highway, Highway Radio
KBSM-MO* (add) K-Best Radio
WXSS-TN The All-New AM 10-30, Contemporary Radio 10-30
(add) 104 HBO
- 1040 WHBO-FL K-So
1050 KSOH-AR* Central Illinois' Best Music, AM 10-50
WSEN-MY* (add) Syracuse Country
KGTO-OK* delete, now KCFO
CHUM-ON (add) Hit Radio
- 1060 KAMA-TX* (rp) Radio Cama (:SS)
CJAM-AB (add) Calgary's own AM 106
- 1070 WSRG-KY* Todd Country Country
WJKK-WV* (rsw) K Country 11
- 1080 KWAI-HI Hit Radio AM 10-80
WKBY-VA* AM 10-80
- 1090 WILD-MA* (add) AM 109
1110 KISD-WA* Radio 11-10
1120 KMOX-MO The Voice of St. Louis
1130 WSJP-KY* (add) Jackson Country
- 1130 WCXI-MI (add) Station of the Year
WDGY-MN "Weegie"
WCBX-NC* (rsw) Your Christian R. Stn.
WEEO-PA* AM 11-30 (ex-WBZT)
- 1140 KMOV-TX* The all-new AM 11-40
1150 KBOX-AR (add) Where the music is easy, your good music connection delete, now KIIS
KPRC-CA KIIS-CA Kiss AM
WVNB-FL The Sound (or Pulse) of Daytona
WHUE-MA (rsw) Stereo 11-50
WJOK-MD delete, now WMTG
WMTG-MD Oldies 24 hours a day, 7 days a week; AM 11-50
WTMA-OH The Leader
WCRK-TN Music Radio, All Hits All The Time
WTAW-TX Supercountry
CHSJ-NB (add) Continuous Country
1170 WCOV-AL delete, now WACV
KSGR-CO* (add) Northern Colorado's and Southern Wyoming's favorite station
WOBM-NJ* (rsw) Musicradio 11-7
KVOO-OK (add) AM Stereo Big Country
1180 WKKE-MK (rsw) Key 11-80
1190 WANN-MD* (add) Maryland's Capital Stn.
KLIF-TX Cliff
WBDY-VA* More of the country America loves
1200 KFNW-ND (add) AM 12 Hundred
1210 KCLG-UT (add) 12-10 Country, KG Country
1220 WSLM-IN* AM 12-20
WVLE-MN* (add) The Tri-cities Hit Parade Station
CJSS-ON Big Country
1230 WSJR-ME St. John River Valley's Star Station
Hit Radio for Las Vegas
KLAV-NV
KYVA-NM (add) Kee-va Radio
WCOL-OH (add) The New 12-30
WCWA-OH Music of Your Life
CKMP-ON Music of Your Life
1240 KSMA-CA (rsw) Country 12-40
WSYY-ME New Sunny 98 FM (//FM)
1250 KHOT-CA K-Hot, AM 12-50
WARE-MA Radio 1-25
1260 WZBO-NC* (rsw) Your station for inspiration
WJOT-SC* Always at your service
1270 KGYU-CA* All News 12-70
WVOY-MI (add) AM 12-70
1280 WADO-NY Radio Awado (:SS)
1290 KMEN-CA 12-90 K-Men
KRGV-TX Continuous music, AM 12-90
WYNT-VA delete, now WPVA
WPVA-VA Unforgettable
CHRM-PQ Radio Mutuel (:FF)
1300 WJDA-MA* AM 13 Hundred
WSYO-NC (rsw) Radio 13
KBBJ-OK (add) Your "Puttin' on the Ritz" Station, Where music and memories go hand in hand
WXPX-PA* (add) Greater Hazelton's favorite music
1310 KFYI-CA (add) For Your Information, All News 13
WEEL-VA (rsw) 13-10 AM, The Beautiful One
WNSY-VA delete, now WGH
WGH-VA AM 13

1320 WMLT-GA Middle Georgia's information station
 WPOW-NY% delete, no longer exists
 WHOT-OH (add) Nothing but the hits
 1340 KMAK-CA 13-40 MAK
 WFAU-ME The Star Station
 WHOU-ME Stereo HOU, Your friends at HOU
 WLYC-ME Star Station
 WNCO-OH Your memory station
 KLKI-WA (add) AM 13
 1350 WKZU-NH delete, now WMRS
 WMRS-NH The greatest hits of all time
 WOYK-PA (add) York County's Stardust Station
 WNIS-VA (add) Your news and information station
 1360 KUIK-OR* (add) American Country 13-60
 1370 WGTC-IN Your 24 hour country station, The New AM 13-70
 WELV-NY* The Sound of Swing
 KSOP-UT (rsw) More Country Music
 1380 KAUL-AR* Music of Your Life
 KLNJ-HI (add) Good Times Radio
 WTOB-NC AM Stereo 13-80
 WWMG-NC* (add) Country Magic AM 13-80
 WIZO-TN (add) 13-80 Country
 KBOP-TX* K-Bop
 KRKO-WA delete, now KBAB
 KBAE-WA 13-80 K-Bay
 1390 KPPL-CO (add) AM 1-39 K-People
 WVON-IL delete, now WGCI
 WGCI-IL Adult Radio 13-90
 WDOT-VT Stereo Country
 KJCY-AB Musicradio
 1400 KEZC-AZ Serving the Great Southwest
 KRVC-AZ AM 14, Brown Valley's R. Stn.
 KRE-CA (rsw) 14-K
 KSPT-ID We give you more of that great country sound
 KWNA-NV (add) 14 Hundred AM
 WHGB-PA Music of Your Life
 KPMA-WA delete slogans, silent
 WKWK-WV (add) AM 14 Hundred
 1410 WELM-NY (add) Your sports leader
 1420 WHK-OH (add) The Oldies Station
 1430 WIL-MO More country music on FM 92 and AM 14-30
 1440 WLXN-NC The Gospel Voice of the Triad
 KMED-OR AM 14-40 Hit Radio
 1450 KMKR-CO Colorado's Northwest Country
 KEED-OR delete, now KRXX
 KRXX-OR K-Rocks
 WPAM-PA (rsw) Stardust Radio
 1460 WPDQ-FL (add) The New PDQ
 WCMB-PA delete slogans, format change
 WACO-TX (add) Stereo 14-60
 KCAA-WA delete, now KARR
 KARR-WA Music of Your Life
 CJOY-ON (add) Your music connection
 C-Joy
 1470 KOLI-CA* One of America's great country music stations
 WWQT-FL* delete, now WVTY
 WVTY-FL* Your country station in Pinellas County
 WPNC-NC* FM 96 WKLX (//FM)
 WRML-PA delete, now WWML
 WWML-PA 14-70 Radio
 KRBC-TX delete, now KFQX
 KFQX-TX K-Fox for Big Country
 1480 KSBQ-CA* (rsw) La Pantera (:SS)

1480 WSAR-MA Star Station
 1490 KRKC-CA Mighty 14-90
 KLYC-MT delete, now KNFL
 KNFL-MT Country 15
 WQOK-SC The New Q
 1500 WQMS-AL* AM 15 Hundred
 WLQV-MI Your #1 Christian Station in Detroit
 KTOL-WA* delete, moved to 1280 kHz
 1510 KDJQ-AZ delete, now KNTS
 KNTS-AZ Newstalk 15
 KAGY-LA* Your best Christian music
 (add) KB Stereo 15
 1520 WKBW-NY (add) Your Solid Gold Oldies Station
 KSGO-OR
 1530 KCLR-TX* (rsw) Radio Rodriguez (:SS)
 KGBT-TX Radio Panamericana (:SS)
 KUUY-WY delete, moved to 870 kHz
 1540 WXZE-GA* Wixie
 KXEL-IA 15-40 Country
 KCTO-LA* Caldwell Country
 KJZZ-WA delete, now KLSY
 KLSY-WA Classy, Seattle's new Classy AM
 1550 WAAY-AL* (add) Hit Radio Way
 WYNX-GA (add) Christian Stereo Radio
 WSHN-MI* 100 WSHN (//FM)
 KEWI-MO* Where you've captured the country
 1560 WAGC-AL* (rsw) More hits, less jive
 WTCO-OH* (rsw) The Country Station
 KGHQ-WA* delete, now on 1490 kHz
 1570 KCVR-CA* AM 15-70
 1580 KLOQ-CA* (rsw) Radio Callito (:SS)
 WAMJ-IN* (add) Talkradio
 KTGR-MO* (add) KT Country
 WHEX-PA* Where the best music and the best rock rolls on
 KOKB-OK* Supercountry
 WPUV-VA* delete, now WPSK
 WPSK-VA* PSK, The Valley's Favorite
 1590 WVNA-AL (add) News, Talk, Sports and Information Leader
 KBBQ-CA delete, now KOGO
 KOGO-CA The ones you want to remember
 WQQW-CT (add) Your kind of music
 WZIP-FL* AM 16
 WONX-IL (add) 15-90 AM
 WCAM-SC* 16 Rock
 KEND-TX Your kind of music
 KMTI-UT AM 16
 1600 WXVI-AL (add) Sunshine Station
 KCRG-IA Stardust 16
 WIXY-MA (add) The only country you'll ever need
 WINX-MD Radio Voice of Montgomery County
 WAAM-MI (rsw) AM 16 Hundred
 WPDC-PA The New AM 16

Information for this updater was taken from the pages of DX Monitor and DX News. And so ends the final updater to the third edition IRCA Almanac; be sure to look for the fourth edition soon!

Presently, I'm preparing the new, updated master list for publication. There are plenty of stations that I don't have slogans for; many slogans listed in the last edition are very old. Won't you help me to make the Slogans List the most complete and up-to-date ever? Send me your info!

INTERNATIONAL RADIO CLUB OF AMERICA

The IRCA is a non-profit organization devoted to the hobby of listening to distant radio stations on the AM broadcast band (535 to 1635 kHz). DX Monitor, the official publication of the IRCA, is printed 34 times per year weekly from October to March, twice a month in April and September, and monthly from May to August. DX Monitor contains members' loggings, information and articles on radio stations, receiver reviews, technical articles and construction projects, tips on DXing, and other material to help members enjoy their hobby. IRCA also publishes books on medium wave DXing and holds an annual convention. IRCA is a member of ANARC, the Association of North American Radio Clubs.

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