



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

F

May 19, 1984 • Volume 21, Number 31 • Issue Number 686

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WANTED: EASTERN DX ROUNDUP EDITOR

EDXR editor Bob Lazar is resigning. If you live in the eastern part of the U.S., can type reasonably well, and can devote a couple of hours a week to the column, then here's your chance to become an IRCA editor. You'll get the DX tips a couple weeks before everyone else does and you'll get a lot of interesting mail from your contributors. To volunteer, contact our president Phil Bytheway, 9705 Mary Avenue NW, Seattle, WA 98117, 206-7845145.

IN MEMORIUM: OLIVER P. FERRELL

Oliver P. Ferrell, a longtime member of the DXing/SWL community, died of injuries suffered on Easter day in an automobile accident. Perry was best known as president of Gilfer Associates, one of the largest mail-order dealers of SWL equipment in the U.S. He was also editor of Popular Electronics magazine (now known as Computers and Electronics) in the late 1960s and early 1970s. His wife Jean was injured in the accident, although we don't know the extent of her injuries.

CONVENTIONS AND GETTOGETHERS

We have details of this year's IRCA convention on page 3 of this week's DX Monitor. In addition, here are details on other meetings:

Association of North American Radio Clubs (ANARC): The ANARC convention will be held July 20-22 at the Ramada Renaissance Hotel in Toronto, Ontario. Costs include \$20 for registration, \$25 for the banquet, and \$65 for single or double room accommodations (special rate)...these prices are in Canadian dollars, of course. Registration deadline is May 31, so considering the relative speed of the Canadian Post Office, you'd better mail in your registration right away (if it's not already too late....). For registration and information write to Box 232, Postal Station Z, Toronto, ON M5N 2Z4.

National Radio Club (NRC): Will hold its convention 8/31 to 9/2 at the Springs Motor Inn in Colorado Springs, CO. Registration is \$32 including banquet and sightseeing tour. Room rate is \$40 double. For more info write to Wayne Heinen, 1642-C South Idalia Circle, Aurora, CO 80017.

World TV/FM DX Association (WTFDA): Will hold its convention August 3-5 in Jamestown, NY. Registration is \$20. More details later.

We also have news of a couple of gettogethers in October that we'll print later.

A couple of key IRCA people recently spent some time in sick bay: Phil Bytheway, who spent two weeks in the hospital with an infected arm, and Dennis Kibbe, who suffered a broken leg in an auto accident. If Phil has been slow in answering mail or Dennis has been slow in filling your Goodie Factory order, that's probably the reason. Get well soon guys.....

★ ★ *New Members* ★ ★

IRCA—Our 17th Year

Editor: Rich Segalas • P.O. Box 26254 • San Francisco, CA 94126

New Members, Membership Renewal, Address Changes—Send to the Above Address

Duncan Cameron, 1924 E. Parklane, Pasadena, TX 77506
 Charles Lovett, Jr., 14068 SE Fair Oaks, Milwaukie, OR 97222
 Gary Penley, 4021 Foxhall Dr. NE, Olympia, WA 98506
 Stuart Armstrong, 1503 Duhlin Dr., Silver Spring, MD 20902
 Kenneth R. Martin, 3615 Cayuga Lane, York, PA 17402
 Terry Schnell, 8306 Wilshire Blvd. #377, Beverly Hills, CA 90211
 Leonard O. Thomas, P.O. Box 212, Berlin, MD 21811
 Marvin Hobbs, 655 W. Irving Park Rd., Chicago, IL 60613
 Chris Pillmore, 2808 Las Vegas Trail #225, Ft. Worth, TX 76116
 Mike Vinas-KHVP, 1832 E. Palmyra, Orange, CA 92666
 Robert D. Irvin, 2081 Leyden, Denver, CO 80207
 Edward Neis, Box 832, Bayfield, WI 54814
 J. Speed Gray, 1260 Troon Ct. SE, Grand Rapids, MI 49504
 John Brown, 42 Vassey St., E. Bentleigh, Vic., AUSTRALIA 3165
 George Baitzel, 117 Cambridge Dr., Wilmington, DE 19803
 John L. Rich, 5003 Old Tree Ave., Columbus, OH 43228
 James H. Duncan, Jr., 2913 Brandywine, Kalamazoo, MI 49008
 Leonard Kesteven, 3524 Benton Dr. NW, Calgary, AB T2L 1W8, CANADA (rejoin)
 John M. Wilkins, 4385 Hoyt St. #205, Wheat Ridge, CO 80033 (rejoin)
 W. George Elliott, 544 Christleton Ave., Kelowna, BC V1Y 5J2, CANADA (rejoin)
 Allen C. White, M.D., 20396 Town Center Lane 9E, Cupertino, CA 95014
 Tim Benko, P.O. Box 125, Lansing, IL 60438-0125 (rejoin)
 Dave Clarke, Group 11-Box 15, RR 3, Bowmanville, ON L1C 3K4, CANADA
 Gene Rust, P.O. Box 806, Richardson, TX 75080 (rejoin)

ADDRESS CHANGES

Brock H. Whaley, 442 B Kalaimoku St., Honolulu, HI 96815
 Mike Brooker, 245 Old Forest Hill Rd. Toronto, ON M6C 2H5, CANADA
 Roy H. Millar, 13714 30th Ave. NW, Marysville, WA 98270
 Don Moore, San Jeronino, Camayaqua, HONDURAS
 William J. Lamb, 2401 Spring Creek Parkway #1802, Plano, TX 75023
 Tony Bratton, 1614 Chumas Dr., Eau Claire, WI 54701

RENEWALS AS OF 5/9/84

John Sampson, Roger Sabella, Alan W. Nielsen, Bo Nensen, Eugene S. Allen, Sidney Feldman, Bill Nittler, Kevin Malin, Daisuke Kawaguchi, Niel Wolfish, David Rogers, Glen Hufnail, Glen Kippel, E.H. Grossman, Thomas McHiff, Robert S. Ross, John M. Sullivan, Derek Claridge, John T. Arthur, Stuart Armstrong, William J. Lamb, John Zondlo, Wolfgang Schneider, Steven Kennedy, Kermit Geary, Lynn Burke, Charles George, Bruce McFadden, George Baney, M.J. Williams, Cary Simpson, John Callaman, Tim Cronin, John Earl, David Wurl, Tim Noonan, W.A. McCosmac, Phil Boersma, David Faulkner, Artie Bigley

DON'T FORGET THAT ALL RENEWALS AND ADDRESS CHANGES SHOULD COME TO P.O. BOX 26254, SAN FRANCISCO, CA 94126 AT LEAST ONE WEEK BEFORE YOUR MEMBERSHIP EXPIRES OR YOUR NEW ADDRESS TAKES EFFECT IN ORDER TO RECEIVE DX MONITOR UNINTERRUPTED. The number that appears on your label next to your name is the issue number of the last issue you will receive under your current membership.

Changes put in place

BURNS — Burns radio station KRNS underwent new management and a name change this week.

The station is now known as KZZR with a country-western music format. The station had been known as KRNS since its establishment in 1958. Stan Swole was named station manager.

Warren Evans, who has owned the station since the 1970s and his two partners Gary Pearson and Del Nygard operate four radio stations including two FM stations and an AM station in North Dakota.

Left: via Frank Aden

Right: via Steve Mittman

L.A. RADIO RATINGS

Arbitron's winter quarter ratings for the Los Angeles radio market cite the following stations, followed by their percentage share of listeners, as the 22 most popular stations in Los Angeles:

KIIS-FM (102.7) ... 7.8%	KRTH-FM (101.1) ... 2.8%
KABC-AM (790) ... 5.7%	KIQQ-FM (100.3) ... 2.7%
KJOL-FM (98.7) ... 4.5%	KKHR-FM (93.1) ... 2.6%
KBIO-FM (104.3) ... 4.1%	KZLA-FM (93.9) ... 2.4%
KMET-FM (94.7) ... 3.9%	KPRZ-AM (1150) ... 2.3%
KOST-FM (103.5) ... 3.5%	KMGG-FM (105.9) ... 2.3%
KRX-AM (1070) ... 3.5%	KLH-FM (102.3) ... 2.2%
KLOS-FM (95.5) ... 3.3%	KRLA-AM (110) ... 2.1%
KMPC-AM (710) ... 3.2%	KPL-AM (640) ... 2.0%
KFWB-AM (580) ... 3.0%	KLYE-FM (107.5) ... 2.0%
KROQ-FM (106.7) ... 3.0%	KACE-FM (103.9) ... 2.0%

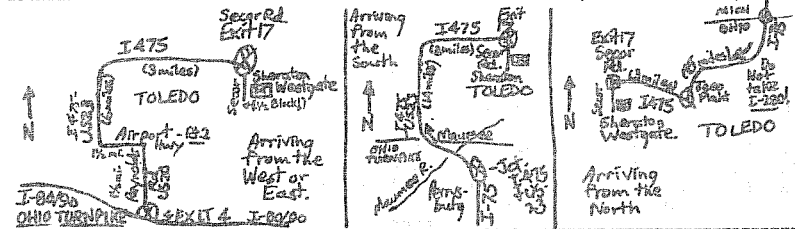
**1984 INTERNATIONAL RADIO CLUB OF AMERICA
CONVENTION - TOLEDO, OHIO**

The welcome mat is out for all IRCA members and DXers of whatever persuasion to attend the 20th annual convention in Ohio's Newest City - Toledo. Being in the heart of the Midwest Toledo is within easy reach of 2/3 of the United States population and likewise many DXers. Thus we hope to have many of you here to share in the fun and merriment. Make plans to attend Toledo IRCA '84 August 17th thru 19th. Below is a map to guide your way. See you this summer! 73s.

Registration Fee \$22 - Payable in advance.

This includes the Saturday night Banquet, and yes attendance is required. The featured entree is chicken. Room rates are listed on the reservation form printed below. Please fill out and return no later than August 1, 1984.

LOCATION - SHERATON WESTGATE INN - 3536 SECOR ROAD at I-475, EXIT 17. TOLEDO, OH



INTERNATIONAL RADIO CLUB OF AMERICA 1984 CONVENTION RESERVATION FORM

NAME: _____ PHONE: _____ No. in ROOM _____

ADDRESS: _____ PREFERRED ROOMATE(s) _____

CITY: _____ PREFERRED ROOMATE(s) _____

STATE/PROVINCE: _____ ZIP/POSTAL CODE: _____

ARRIVAL DATE/TIME: _____ DEPART DATE/TIME: _____

ARRIVAL MODE: CAR PLANE TRAIN BUS OTHER

DO YOU REQUIRE PICK UP AT: TOLEDO EXPRESS AIRPORT _____ To assure pick up call at least one week ahead to TX below.
Specify Airlines _____ DETROIT METRO AIRPORT _____
GREYHOUND or TRAILWAYS BUS STATION _____ AMTRAK TRAIN DEPOT _____

OTHER/Please Specify _____

TYPE ACCOMODATIONS: Single \$45, Double \$51, Each Additional Person \$6 extra.

RESERVATIONS are normally held until 6pm. Rooms will be held longer if guaranteed payment arrangements are made. Check in time is 4pm, check out time is 12 Noon.

SIGNATURE _____ Prepay of \$22 registration fee may accompany this form. Check payable to **IRCA CONVENTION 1984.**

MAIL TO: GARY SIEGEL, 2728-106th St., TOLEDO, OH 43611. Any questions re registration or pick up arrangements - 1-419-726-1405, best to call evenings.
AUCTION ITEMS: Mail to Ken Romstadt, 2541 Schroeder CT, Toledo, OH 43613.

BROADCASTING INFORMATION

Greg Monti, 1301 S. Cleveland St. #356, Arlington, VA 22204

call	kHz	day/night	st	city	
KSFO	560	5000/1000	CA	San Francisco	adds Motorola stereo (RP)
appl	610	5000/	CO	Minturn	
appl	680	500/	KY	Shepherdsville	
appl	720	1000/	MS	Ellisville	
KFMB	760	5000/5000	CA	San Diego	adds Motorola stereo (Mittman CA)
appl	760	1000/	FL	Destin	application returned
appl	760	1000/	FL	Englewood	application returned
new	760	5000/250	FL	Palm City	granted WJEA
new	770	1000/1000	CA	Riverbank	granted KPLA
WKVE	800	250/	KY	Cave City	granted WSMJ
appl	820	1000/	CO	Widefield	
appl	840	2500/	KS	Lyons	
appl	840	1000/	LA	Ball	
appl	840	5000/1000	NM	Bernalillo	
appl	840	10000/1000	TX	Reese Village	
WIVS	850	500/	IL	Crystal Lake	wants 5000/
KPRM	870	2500/1000	MN	Park Rapids	wants 25000/1000
appl	890	250/	PR	Ceiba	
KREH	900	250/	LA	Oakdale	granted KICR
KKRR	900	500/	TX	Conroe	granted 880 kHz (Nolan RP)
KQEU	920	1000/500	WA	Olympia	wants either 5000/5000 or 5000/500
KYSS	930	5000/1000	MT	East Missoula	granted KLCY
KOGA	930	500/500	NE	Ogallala	appl for 2500/500 returned
KVNG	930	5000/500	WA	Union Gap	wants KBNG
WSDM	990	250/	MI	Clare	granted WABX
WVSC	990	5000/	PA	Somerset	granted 10000/
KXRB	1000	10000/	SD	Sioux Falls	wants Harrisburg SD & 10000/2500
appl	1010	500/	CA	Rancho Mirage	
appl	1010	5000/	CA	Thousand Palms	
appl	1030	5000/1000	CA	North Palm Springs	
new	1030	50000/1000	CA	San Luis Obispo	granted KKZI
new	1030	50000/1000	TN	Memphis	granted WXSS
KORE	1050	1000/	OR	Springfield	wants 5000/
WCFB	1060	250/	MS	Tupelo	wants 1000/
appl	1100	10000/	GA	Woodbine	
KKSI	1130	250/	IA	Mount Pleasant	wants KILJ
KSKS	1140	1000/	TX	Conroe	wants KXLC
appl	1190	10000/	FL	Callahan	application returned
new	1200	500/500	KY	Radcliffe	granted WYCP (maybe 1220 kHz)
WTBC	1230	1000/250	AL	Tuscaloosa	grated WIGL
WQBQ	1240	1000/250	PA	Selinagrove	granted WYGL
KOIT	1260	5000/1000/	CA	San Francisco	drops Motorola stereo, adds unknown
WGWR	1260	5000/500	NC	Asheville	granted WKXR (^RP)
WWCA	1270	1000/1000	IN	Gary	wants unspecified city and 1000/2500
KBDF	1280	5000/1000	OR	Eugene	granted KYKN
KMAS	1280	5000/	WA	Shelton	granted 1030 kHz & 5000/1000
WDLF	1310	5000/	FL	Deland	granted WYND
WSEB	1340	1000/250	FL	Sebring	wants WITS
WAZA	1360	5000/1000	GA	Bainbridge	wants WYSE
KXLF	1370	5000/5000	MT	Butte	wants KCEZ
KONG	1400	1000/250	CA	Visalia	granted KNDE
WNGB	1400	1000/250	TN	Waynesboro	currently unlimited hours, wants specified hours (which ones not given)
WXAM	1400	1000/250	VA	Charlottesville	granted WKAV
KGLD	1440	5000/500	MN	Golden Valley	granted KQRS
new	1440	500/	TX	Helotes	granted KXAM
WXOL	1450	1000/250	IL	Cicero	granted WVDN
KTXH	1450	1000/250	MT	Whitefish	wants KSLR (apparently a correction, records here show recent grant of KSKR)
KCTI	1450	250/250	TX	Gonzales	wants 1000/250
WJKX	1460	500/	MS	Moss Point	wants 1000/
appl	1460	1000/	OR	Stayton	
KSEM	1470	5000/1000	WA	Moses Lake	granted KBSN
KDFN	1500	1000/	MO	Doniphan	wants 2500/1000
WLWL	1500	500/	NC	Rockingham	granted 770 kHz & 5000/
WIXR	1500	1000/	SC	Mount Pleasant	granted 5000/
KTOL	1500	1000/	WA	Lacey	wants new, unspecified frequency

WRSL 1520 500/ KY Stanford wants 1000/
 KLLV 1560 10000/ CO Breen wants 5000/ (not yet on air)
 WPAD 1560 10000/1000 KY Paducah granted 10000/5000
 KBUS 1590 500/ TX Mexia granted KYCX
 KCRI 1600 1000/ AR West Helena wants KWHa

FCC is working on calculations to allow daytimers a bit more power during presunrise and postsunset periods; many stations complained loudly when they got zero or flea power in last year's mass-authorization of postsunset operation. Apparently, current calculations are based on worst-case interference (read best-case DX) conditions, new ones on average-case interference. FCC is also authorizing, subject to Mexican treaty approval, operation of all class IV ("graveyard") AM stations which are currently authorized for 1000 watts daytime to continue to use 1000 watts (same pattern, if any) at night. In other words, this is a bulk grant of 1000/1000 to all 1000/250 watt stations on 1230, 1240, 1340, 1400, 1450 and 1490 kHz in the USA. Class IV's which are currently 250/250 get nothing automatically but will have to apply for 1000/250 first through the regular application procedure if they ever want to get to 1000/1000. Class IV's which are 500/250 can increase automatically to 500/500 but must apply for 1000/250 through regular channels. Don't bother updating your log, over 1000 stations fit into the above category.

Mexican in AM stereo: XETRA 690 BCN Tijuana (Kahn system) (Mittman CA) Except as noted, from the Apr 2, 9, 16, 23 and 30 Broadcastings, which have ceased printing effective dates of call changes...oh well.

RADIO PROGRAMMING NOTES (NRC=Nat'l Radio Club DX News, RP=Radiophiles; others Broadcasting magazine or person credited)

call kHz st city
 WMCA 570 NY New York is flagship station of 10-station NY state network carrying Governor Mario Cuomo's monthly call-in show
 KMJ 580 CA Fresno adds NBC affiliation (NBC)
 WIP 610 PA Philadelphia has picked up Mutual's Larry King Show, x-WCAU (Apel MI).
 KWNK 670 CA Simi Valley new station on 5/1 with adult contemp (RP)
 KSVN 730 UT Ogden country to rock oldies (RP)
 WKIS 740 FL Orlando adds NBC affiliation (NBC)
 KERR 750 MT Polson adds NBC affiliation (NBC)
 KMDY 850 CA Thousand Oaks (x-KGOE) began comedy format 4/29, x-news-talk or x-adult contemp (conflicting reports)
 KJJR 880 MT Whitefish contemp hits to country (RP)
 KVAA 910 SD Volga adds NBC affiliation (NBC)
 KOLO 920 NV Reno adult contemp to country (RP)
 WKSD 920 SC Orangeburg adds NBC affiliation (NBC)
 KBFW 930 WA Bellingham adds NBC affiliation (NBC)
 KROF 960 AL Abbeville contemp hits to black
 WXYQ 1010 WI Stevens Point adds NBC affiliation (NBC)
 KKLL 1100 MO Webb City new station will be religious (Nolan RP)
 KCXL 1140 MO Liberty (x-RKCI) rock oldies to urban contemp (RP)
 WAYY 1150 WI Chippewa Falls adult contemp to big band (RP)
 WOLS 1230 SC Florence adds NBC affiliation (NBC)
 KKER 1230 WA Spokane now silent, was country (RP)
 KXLE 1240 WA Ellensburg country to daytime country and night contemp hits
 KREL 1280 NV Henderson (x-KVOV) news-talk to either Christian (RP) or telephone talk (Kaskey NRC)
 KYKN 1290 OR Eugene (x-KBDF) news-talk to country (RP)
 WEEL 1310 VA Fairfax has dropped CNN net and has switched from all-news to block-programmed: 0630-0900 locally produced all-news; 0900-1200 soft rock simulcast of WEZR 106.7 Manassas-Fairfax VA (with which WEEL is not co-owned); 1200-1300 telephone talk; 1300-1600 WEZR; 1600-1830 all news; 1830-2400 WEZR; off overnights; mostly music weekends; "EZ 106.7" slogans heard often along with reminders that you're listening to WEEL while hearing WEZR. (Monti)
 KATY 1340 CA San Luis Obispo adds NBC affiliation (NBC)
 WSSC 1340 SC Sumter adds NBC affiliation (NBC)
 WONO 1350 NC Balck Mountain adds NBC affiliation (NBC)
 KZUN 1360 CA Modesto (x-KFIV) adult contemp to country (RP)
 KRKO 1380 WA Everett contemp hits to block programmed: daytime ad-con, evening contemp hits, overnight Larry King (RP)
 WWHK 1430 MI Mount Clemens is now silent, was big band (Vobbe NRC)
 KPRO 1440 CA Riverside may now be silent (conflicting reports), was news-

talk (RP)

WZOR 1490 FL Immokalee is now silent, was Spanish with some country (Kennedy NRC)

WOLF 1490 NY Syracuse big band to album rock to urban contemp (RP)

WINW 1520 OH Canton big band to urban contemp (RP)

WIZY 1580 GA Columbus adds NBC affiliation (NBC)

WINX 1600 MD Rockville big band to SMN satellite adult contemp (RP)

American Public Radio will begin feeding 30-min daily radio version of 2-hour ESPN cable TV series "Business Times" to affiliates this month at 1630 and 1830 ET. Mutual will begin transmission of the Metropolitan Opera season on 12/1 on 135 commercial and noncommercial stations; this previously was handled by an ad-hoc network patched together by telco and satellite. NBC's "National Radio Pulpit" show has been shortened from 22 to 15 minutes so that stations can more easily fit it in. NBC Source network has started a new, daily 60-sec feature called "Screen Scenes" on movie business, hosted by Ron Reagan, son of the president.

In syndication, a 15-hour-a-day, taped block of programming called "Children's Radio Network" for commercial stations only. "Olympic Dreams," 2-min daily feature on promising black athletes. "Dateline Africa," a daily news feed. "Country Cuts," 5-min weekday series on hit country songs performed live in concert. "The Sound Economist," 2-min daily commentary. The Burkhart-Abrams-etc. consulting firm has come up with a new format, "Adult Urban," which appears to be the adult contemporary version of urban contemporary, intended for 24-45 age group, blacks, whites, Hispanics.

Arbitron will re-release its fall 1983 ratings book for the San Francisco market after settling things with outraged radio stations. Problem was that the calls on 1260 kHz in that town changed from KYA to KOIT just two days before the end of the fall rating period. Arbitron had followed its usual policy of assigning ratings to the calls used by a station at the end of the period. Others felt that KOIT-AM-FM was getting a better deal here than it deserved because it was the listening to KYA during most of the ratings period that garnered most of the audience and KOIT-FM should not be allowed to sell commercial time based on the sum of KOIT-FM's ratings and what were essentially KYA(AM) ratings. The book will be reissued with 1260's calls shown only as KYA and with KOIT-FM shown as not owning an AM station at all.

PENDING STATION SALES (call or format change may be in the works):

WKTY 580 WI, KFXX 590 CA, WLVA 590 VA, WRUS 610 KY, WSUN 620 FL, WNWS 780 FL, WJJQ 810 WI, KJTA 840 TX, WHNC 890 NC, WXFI 930 FL, KDED 940 HI, WRCS 970 NC, WKBQ 1000 NC, KORE 1050 OR, KLSM 1060 MO, WPHC 1060 TN, KATQ 1070 MT, WJYA 1080 GA, WENR 1090 TN, KFAX 1100 CA, WHLI 1100 NY, WNAR 1110 PA, WAWK 1140 IN, KRZN 1150 CO, WRTT 1170 CT, WCRR 1170 NY, WIDS 1190 KY, WSWG 1190 TN, WLKK 1260 PA, WSUX 1280 DE, WIPC 1280 FL, WSSG 1300 NC, WQIK 1320 FL, KLOM 1330 CA, WTRX 1330 MI, WLAT 1330 SC, KVKM 1330 TX, WBBT 1340 GA, WMOB 1360 AL, WGYV 1380 AL, WEAM 1390 VA, WXAL 1400 AL, KCOG 1400 IA, KIVR 1400 OR, KODD 1420 NE, KHBM 1430 AR, WLKF 1430 FL, WJMR 1430 SC, KITA 1440 AR, WREY 1440 NJ, WSMQ 1450 AL, KOBD 1450 CA, WOCN 1450 FL, KWHW 1450 OK, WSMG 1450 TN, KWLL 1460 AZ, WWCN 1460 NY, KSWA 1470 AZ, KWSL 1470 IA, KRBC 1470 TX, WXVQ 1490 FL, KBAB 1490 IA, WKRO 1490 IL, KTTR 1490 MO, KDBM 1490 NT, WLOE 1490 NC, KBZY 1490 OR, KSMM 1530 MN, WWWW 1550 GA, WKKS 1570 KY, KEWS 1600 TX, WSZE ??? GU.

MUSIC COUNTRY
Radio Network SM

WE'RE NUMBER

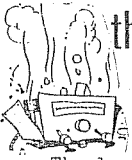
1

First Choice for Local News

RADIO 1170

WJCC

*Providing More Local News +
More Local Information + More Often*



The 3 parallel loop/Adcock system

by Ben Peters

The loop system which I'm going to describe is based on one developed by Telefunken in 1937, known as the "polarization-error-free" if translated directly from the German. It consists of 3 similar loops mounted on a large flat board. Two are mounted parallel to each other (the sideloops), while the third (the middleloop) is mounted between these two, is rotatable, and is coupled to the receiver either through a coupling winding or amplifier. The entire system also rotates for improved nulls. I've been using wooden rotatable sculptor's stands as my rotation device, available here in Europe for about US\$10-40, which turn smoothly, but are solid enough that a null won't be lost due to vibrations from loop and capacitor tweaking. The system was originally developed to give accurate direction finding on signals which were distorted by "night-effects", phase cancellation and so on. As I'm using unbalanced Martens loops, I've not experimented with the direction finding capabilities of the set-up, but have found it to be extremely useful in nulling stations otherwise un-nullable by a conventional loop, especially stations affected by "night-effect" distortions. An advantage is that the set-up can often be used for nulls without even determining which way the interfering signal is coming from.

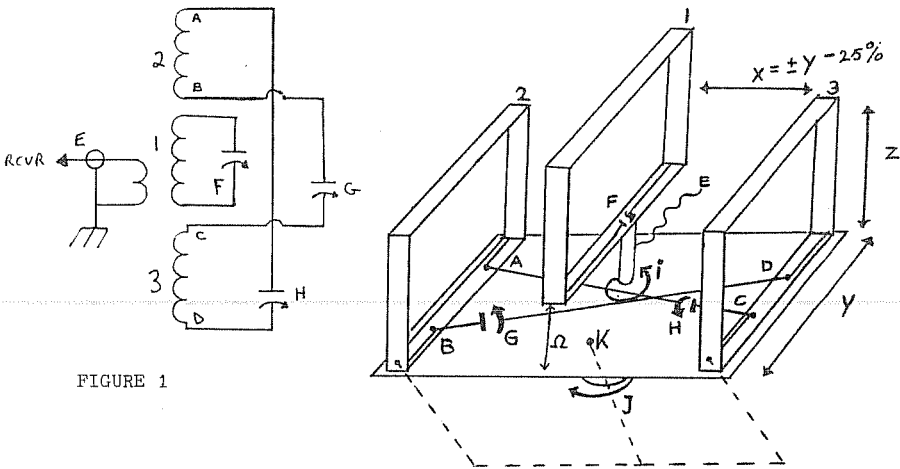


FIGURE 1

1. Middleloop, air-core, unbalanced possible (must be balanced for DF), about 40 to 50 cm. a side (the system becomes unworkable if much larger). Rotates independantly of wooden base plate K. Provision for tilting is optional, if this loop is ever used solo for example. Switchable amplifier is recommended but not essential. This loop connects to receiver and is inductively influenced by sideloops.
 2. Sideloop, same size and winding as middleloop. Fixed on base K in a parallel position to other sideloop. Not connected to receiver.
 3. Sideloop, same as 2
- A, B, Ends of sideloop windings
 C, D, Coax lead-in from middleloop to receiver
 E Variable capacitor of middleloop, vernier recommended.

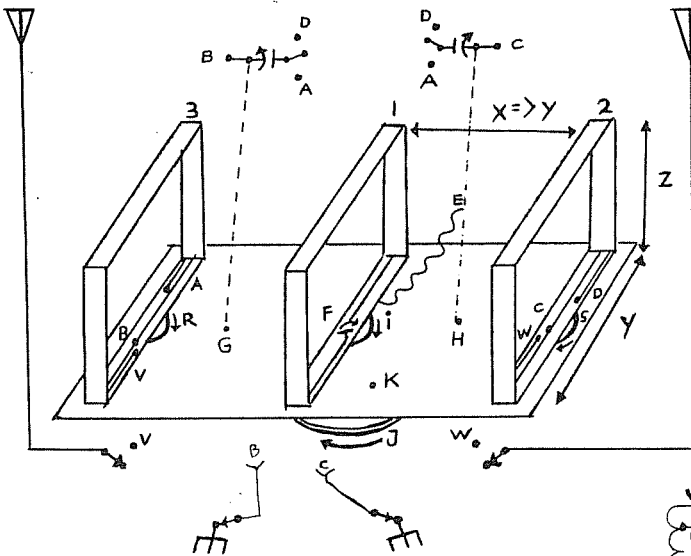
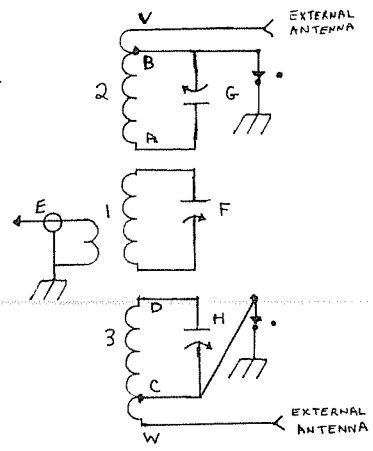


FIGURE 2

G Variable capacitors of sideloops,
 H vernier recommended. Value of each
 capacitor same as F.
 Connecting the capacitors as diagrammed
 in Figure 1 results in a "clover-leaf"
 reception pattern by sideloops. Nulling
 etc. is much easier this way than when
 G is connected between A and B, and
 when H is connected between C and D,
 like two normal loops.
 Nulling with sideloop capacitors as
 diagrammed in Figure 1 often needs
 only one capacitor to be adjusted.
 When sideloop capacitors are connected
 as in normal loops, both need to be
 adjusted for best result, and nulls
 are sometimes harder to find.

- i Rotating stand of middle loop.
- J Rotating stand of K
- K Wooden base plate for all 3 loops. Must not warp! Size depends on loop sizes chosen and whether the middle loop is raised half its height to reduce distance X (e.g. when loops of 40 cm a side are used, the base must be about 80 x 40 cm, but when middle loop raised half its height, the base can be about 60 x 40 cm)
- Y Loop dimensions, Y=Z recommended.
- Z

X Distance between middleloop and sideloops (center to center). Can best be found experimentally, but will be about one loop diameter. Find as follows: Place middleloop in the clear, no other loops around, connect to receiver, tune receiver to a well-known frequency, midday preferably, tune middleloop and rotate for best null. Leave middleloop alone for rest of procedure. Now move a same sized loop parallel to middleloop at about one loop diameter distance, tune second loop for a further dip in signal strength. Slightly rotate second loop, at the same time varying the distance to middleloop for DX/null improvement. When DX/null cannot be improved anymore even after readjusting the second loop's capacitor, the distance between loop centers will be X. If tuning the second loop peaks rather than attenuates the signal, rotate second loop out of parallel position to about 45 degrees to middleloop,



or possibly to slightly less than 90 degrees. If null is not improved this way, slightly pass 90 degrees, to 45 degrees, and even parallel again. Probably a DX/null improvement will be noticed by now. (Note: if middleloop is unbalanced and no null improvement is found with above, rotate middleloop 180 degrees and start procedure with second loop again). Do not forget to vary the distance between the two loops slightly when looking for null deepening and readjust second loop's capacitor for better dip. Final distance between loop centers will be X.

(Reference to: Helmholtz Coils--see electronics dictionary
Mike Levintow's IRCA reprint A12: "Generating asymmetrical receiving patterns using two loops")

Distance X can be reduced about 25% with only a very slight loss of gain but without impairing the nulling/phasing capabilities. If the middleloop is to be raised half its height related to the sideloops, find exact distance as above, but now have middleloop raised half its height related to the second loop.

This reduction in loop spacing is possible only in the unmodified 3 parallel loop system (Figure 1). If the sideloops are also to be rotated, e.g. for phasing two random wires, then X must be slightly greater than Y (see Figure 2).

V
W Floating ends of additional turn(s) of winding AB and winding DC; only needed when used to phase two random wires; the wires connect to V and W and B and C become taps on windings AV and DW. Length of wire between B and V (or C and W) is about 1/10 of total wire length between AB (or DC), not critical; it only slightly interacts with the tuning range of the capacitors. (see Figure 2)

R
S Rotating stands for sideloops, only need for optional phasing of two random wires, or a 3 loop "series" system.

Ω Distance between K and bottom winding of middleloop when size reduction of assembly is wanted, e.g. loop side = 40 cm, then this distance = 20 cm.

Nulling/DXing with the 3 parallel loop system:

- When sideloops are capacitively connected against each other (Figure 1):
1. Position whole system convenient to receiver.
 2. Rotate middleloop to a) approximately parallel to; b) 45° from; c) approximately 90° from sideloops
 3. Tune middleloop to resonance
 4. Tune one sideloop capacitor, G or H, for dip (if it peaks: try one of the other middleloop positions, or (if the middleloop is unbalanced) rotate it 180°. When at the low end of the MW band, start with G or H in maximum capacitance position and adjust one only for null/peak. When at the high end, start with both in the minimum position and also adjust only one for null/peak. In some situations, e.g. when hand-capacity effects are a problem, playing with both G and H may be needed.
 5. Rotate middleloop slightly for better null.
 6. Repeat 4 and 5
 7. Rotate the whole set-up for best DX/null.
 8. If not satisfied try another one of the positions of the middleloop mentioned in section 2 above, or tune middleloop to resonance, rotate to null unwanted station, and proceed to step 4.
 9. Sometimes one needs to adjust the other sideloop capacitor to get the best stable, hand-capacity free null. Both capacitors interact: a peak of one can be nulled again with the other and then be peaked again by the first, nulled again by the second until you've hit the maximum or minimum positions of the capacitors. Keep cool!
 10. When, while DXing, middleloop is rotated from about parallel to say, less than 90° (exactly 90 is a position with almost no coupling between the middle and sideloops), be sure to retune middleloop, especially when it's amplified. This is because resonance may have shifted due to inductive interaction with the sideloops; this may result, if not corrected, in spurs.

When each sideloop is connected to its own capacitor:

1. Position whole system convenient to receiver.
2. Rotate middleloop to about about parallel (or 45° from etc.) to sideloop.
3. Tune middleloop to resonance.
4. Tune one sideloop for dip (if it peaks, rotate middleloop to 45° etc.)
5. Tune other sideloop for peak; if it dips also, that's even better.
6. Slightly rotate middleloop for better null.

7. Repeat 4, 5 and 6
8. Rotate whole set-up for best DX/null.
9. Same as 10 above (retuning of middleloop etc.)

With sideloops rotatable (Figure 2):

1. Tune middleloop to resonance.
 2. Rotate this loop for best null.
 3. Tune one of the sideloops for dip/peak (eventually rotate this sideloop to achieve a dip/peak.
 4. If a dip: leave this sideloop and rotate middleloop for a better null.
If a peak: rotate this sideloop for better null.
 5. Tune other sideloop for dip/peak (eventually rotate this loop etc.)
 6. If a dip: leave this loop and rotate middleloop and first sideloop slightly for null improvement (eventually readjust first sideloop's capacitor.) If a peak: rotate this sideloop for a better null.
 7. Make final small adjustments to rotation and capacitor setting of all three.
- ** Experimental suggestion; worked very well when I tried it. Connect signal leads of all 3 loops together/ connect 3 ground leads together. i.e. all loops are fed to receiver, and must be similar design. Null action is much more pronounced then. Also, try "criss-crossing" antenna and chassis leads of the 3 loops and choose what is best in your set-up.

Phasing two (or one vs. loop) random wires with 3 small independantly rotatable loops placed next to each other was done as follows:

1. Connect two randoms to the the 2 sideloops (as described in figure 2). Have all capacitors at maximum. May need to ground points B and C for best results.
 2. Tune the middleloop to resonance and rotate for null; waer. null is hard to find, skip it and tune one sideloop etc.
 3. Tune one sideloop for peak and then rotate for better null.
 4. Tune other sideloop for peak and then rotate for better null.
 5. Slightly rotate middleloop for best DX/null.
 6. Make final adjustments to rotation and capacitor setting of sideloops, and finally of middleloop.
- ** If while doing steps 3 or 4 a dip occurs, leave that loop and rotate middleloop for best null.

Nulling with this system (especially as shown in Figure 1) is always an improvement over using the middleloop on its own.

Daytime---noisy, poorly readable DX is transformed into clean readable DX. Shallow nulls are transformed into deep nulls with DX audio coming through. Best position to start from for daytime is probably approximately 90° because highest DX gain seems to be in this position. And there is not usually much polarization effect on signals to make nulls unstable during the day. Although DX gain is higher in this 90° position, one of the other middleloop positions may yield a better quality null, though with lower DX signal level.

Nighttime----On a crowded channel, with no one station readable, one can find 2 or 3 readable stations with the middleloop approximately parallel to the sideloop; often yet another readable station is in the approximately 45° or 90° positions. Stations which cannot be nulled with the loop alone, due to short skip and groundwave mixing, can be nulled deeply yielding DX with the 3 loop system. Local signals can be deeply nulled to yield DX on the same bearing as the local.

This system is comparable in its nulling abilities to the much larger wall loop system described in the January 14/84 DX Monitor, at least when a smaller rotatable loop near the wall loops feeds the receiver (the wall loop system is in effect a big goniometer, with the small loop as a sense coil). Both systems use 3 loops, and necessitate 3 handed tuning/rotating/switching, at least in some circumstances.

The advantage of these systems is in superior nulling possibilities over a single loop. There are a couple of disadvantages (beyond relative complexity) particularly when an amplified loop is used to feed the receiver. Hand capacity effects can be a problem with deep nulls when using the parallel loop system, though careful tuning of sideloops and rotation of the whole set-up can eliminate it. Amplification of the middleloop is often necessary on weak signals, and care must then be taken in tuning all three loops as spurious responses may result. In strong signal areas, an unamplified set-up would be preferable, but would involve larger loops for better

signal strength. This would make the system unwieldy. The 3 parallel loop system could also be used in conjunction with the wall loops for better signal strength without amplification. In high signal strength areas, the wall loops with a smaller unamplified loop feeding the receiver may be preferred.

I would like to hear from those who experiment with both the 3 parallel and the wall loop systems. Write to Ben Peters, Lynbaansgr. 318, 1017WZ Amsterdam, Holland.

* * * * *

Ideas on Remote Tuned Antennas

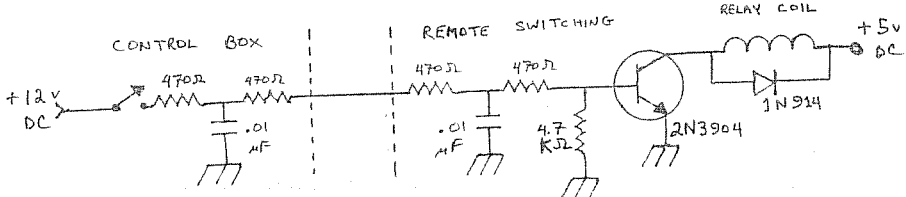
by Mark Connelly

The area of remotely-controlled wire and loop tuners seems ripe for experimentation, as phasers, conventional loops and tuners, and broadband amps are pretty much known. These are designs which can now be considered as building blocks for bigger and better DX enhancing projects.

For apartment-dwellers, the benefits of remotely tuned aerials should be apparent both from TVI/noise reduction and from signal-maximization viewpoints.

With the advent of varactor diodes having maximum capacitances of over 300 pF (e.g. MVAM 108, MV1401) remote MW tuning seems like a workable concept (see "Varactor Diode Applications" DXM Mar 17/84).

Phasing units and multi-band antenna tuners (see MWDX-2 in Feb 18 & 25/84 DXM, APT-2 in Nov 5/83 DXM, and APT-3 in Feb 11/84 DXM) involve switching, and remote switching is possible using relays. Flicking a switch in a control box next to the receiver supplies voltage to a relay in a remote tuning unit, which then makes the desired contact. The circuit below is a possibility for driving a remote relay:



The relay could be a Radio Shack #275-240. As more complex antenna tuners involve a good number of switches, multi-conductor control cable such as Belden #9261 could be used between the control box and the remote antenna unit, for relay switching as well as for any varactor control and amplifier supply voltages. Shielded coax would be needed only for signal coming from the remote antenna unit.

These are simply ideas at the moment, put forward in the hope that others will also get involved in remote antenna tuning concepts.

* * * * *

Heathkit now offers its Active Audio Filter, kit #D1418 for around \$130. This is considerably more complex in its interior workings than the common audio filters, as it contains 5 poles (2 is more usual) of low and high pass filtering each variable from 300-2500 Hz. A 30 dB notch/peak filter 200 Hz wide is variable through 300-2500 Hz. And there is a CW filter with variable bandwidth and center frequency. There is an audio amplifier contained in it with a one watt output; the device can be connected to a phone jack or speaker outlet on the receiver. The filter was positively reviewed in the March 1984 QST, and some quite impressive looking spectrum analyzer traces were included in the review.

* * * * *

Icom has recently put out a new receiver, the IC-R71A. A spec sheet from Ralph Sanserino reveals that this has more bells and whistles than the IC-R70, quotes a higher dynamic range, has a fourth conversion stage, but similar sensitivity and selectivity to the IC-R70. RIT has disappeared, there appears to be bandwidth selection independent of mode (though that may be for CW filters?), there is now a noise blanker level control, and the speaker has moved off the front. Bells and whistles include keyboard entry of frequencies in addition to the tuning knob, 32 tuneable memories and optional remote controller, synthesized voice frequency readout, computer interface etc. etc. More as we hear about it...

The Four AM Stereo Systems
and the
The Sony SRF A-100 Receiver

By Karl J. Zuk

I recently auditioned the Sony SRF A-100 receiver. It is roughly the size of a business size envelope, and about an inch and a half thick. Although it contains an audio amplifier and two small speakers, it is best to try it out with headphones, or by hooking it up to a home stereo system. I found the quality to be very good, with a frequency response out to about 8 kHz in the wideband position. The selectivity in this mode was awful, as expected. In the narrow mode, the quality is cut to about 4 kHz, and the radio becomes selective enough to split domestic frequencies, but this can hardly be called a "DX machine." The sensitivity left a great deal to be desired. WNBC, a 50 kW clear channel, just barely achieved full quieting in my home about 35 miles northwest of their transmitter site. It needs another stage of RF amplification, or an outdoor antenna. Since the rig comes with no external antenna terminals, I wrapped the lead-in of my 500 foot long wire around the rig several times and got some good cheap-and-dirty results. I was able to bring in what you would expect from a ten dollar, six transistor portable. The rig had a volume and tone control, a AM mono-AM stereo-FM stereo switch, a DX-local switch for FM that doubled as a wideband-narrowband switch for AM, a tuning control and a switch to switch between the Kahn system and the other three, which seem to be close enough electronically to use the same circuit to decode them. Here's what I learned about the state of the AM stereo art:

I heard two systems of AM stereo in my tests. They were the Kahn-Hazeltine system and the Motorola C-QUAM system. I found that both systems had some flaws, but with a good signal, both systems produced a pleasing stereo sound.

I discovered that both systems have several common problems. When you listen to a AM radio station with a wide bandwidth receiver, you will hear some heterodynes, especially at night. A pair of tunable notch filters would be very useful in any future AM stereo receiver. As compared to FM, AM suffers from poor static immunity; but AM is superior in being totally immune from the familiar FM problems of multipath and "picket-fencing", especially in a moving vehicle. I would much rather listen to AM stereo than FM stereo in places of generally poor reception, such as a fast moving commuter train, or driving in a car in a "fringe area." I found both systems were very compatible with mono receivers; and I could not discern any difference in loudness when a station would play a record with extreme separation. The Sony SRF A-100 needs a good strong signal to display full quieting in the stereo mode. This particular rig needed a much more sensitive front end. At a distance of 35 miles north of New York City, I found it necessary to couple my 500 foot long wire antenna to the Sony receiver to obtain full quieting from a 50 kw clear channel station broadcasting from within the city limits.

My test was very dependent on the various station's program chains. For example, I found a great deal of difference in the sound of two local Kahn stations, WNBC, with a top 40 format, and WQXR, with a classical format. WQXR had very minimal compression and processing, and sounded better, but certainly not as loud as, WNBC.

I also think that Delco was very narrow-minded in picking one single system for their AM stereo receivers. If you are

capable of receiving a strong signal from a AM stereo station, any system will produce a nice, full stereo effect. By limiting a receiver to just one system, Delco is doing a disservice to both listener and broadcaster. Listeners will be frustrated by not being able to hear anything but Motorola stations, and will not be encouraged to buy an AM stereo radio that only gets some of the stations. Anyone who has already spent the money for a receiver and finds that it will only decode some of the stereo stations will not be a happy customer either. If AM stereo is going to be a salable concept, the receivers that the consumers buy should be simple to operate and should receive all stereo stations, regardless of system. Delco is really throwing a wrench into the works by pushing a one system radio before any standard has been set. If an AM stereo broadcaster does not gain anything from his investment in stereo equipment, he loses too. Automatic switching multi-system radios are essential for AM stereo to succeed.

There were quite a few differences between the Motorola and Kahn systems. The Motorola system suffered from a condition called "platform motion." A good approximation of what this is like can be found by listening to the Led Zeppelin classic "Whole Lotta Love." The audio will move from side to side of the stereo image creating a really annoying effect. This is due to one carrier beating against another and creating a subaudible heterodyne which makes the phase "flip-flop." The Motorola system is based on phase, and when two carriers collide, it takes its toll. There is really no way to correct this, outside of letting only one station transmit per continent. I heard a very pronounced demonstration of this listening to CKLW, Windsor, Ontario at night. Trans World Radio in Bonaire, Netherlands Antilles, was making CKLW's stereo rotate about 10 times per second. There was a frequency difference of about 10 cycles between the two stations. In mono, or using the Kahn system, which is not phase dependent, this would not be a problem. This is a most annoying effect, and would make anyone want to switch to the mono mode.

Another problem with the Motorola system is that if it the signal being received becomes weak enough, it will drop out of stereo into mono. The Kahn system will continue to show separation no matter how weak or noisy the signal becomes.

I listened to the one local station in my area that has the Motorola system in operation, WFAT in Paterson, New Jersey. Although it might have been the program chain of the station at fault, the sound sounded much more processed and "soft." The individual instruments seemed to be less distinct in the stereo image. The two Kahn stations in my area that broadcast music seemed much more sharp and clear than WFAT, and did not seem to have the high frequency roll-off that WFAT had.

The Kahn system had some unique characteristics of its own. I found that if a station broadcasted program material with a lot of compression to make the signal as loud as possible, that

occasionally the audio would seem to overmodulate and cause a momentary burst of distortion. It sounded like a elongated transient peak on a poor home stereo system. I heard this effect on WNEC, a heavily processed and loud rocker. On WQXR, I heard this effect only once or twice, but their modulation is lower due to their classical format. In general, the Kahn system sounded much more "open" and sharp in stereo imagery, and displayed no high frequency roll-off. WQXR simulcasts all of its programming on FM, and comparing the two, it was very hard to perceive a difference wearing Koss Pro 4 AAA headphones connected to the Sony SRF A-100. The Kahn system uses an independent or double sideband system, and this made tuning fairly critical. If the tuner was not fairly close to the center of the carrier, the balance of the stereo image was off proportionately. The Kahn system also allows itself to be used to reduce adjacent channel interference. For example, if a station broadcasting with Kahn stereo is interfered with by a station one frequency above it, if you eliminate the right or upper channel, you will likely hear the programming unmarred on the left or lower channel. WABC in New York, which broadcasts a mono talk format is using the Kahn system for just this purpose. Finally, the Kahn system is, by far, the superior choice for DX stereo. I listened to WBT, Charlotte, North Carolina in clear stereo and full frequency response, 35 miles north of New York City. The reception sounded like usual sky wave reception, but in stereo. I was impressed.

I did hear one station that broadcasted with the Magnavox system, WDWQ in Fort Wayne, Indiana. Although this system was also based on phase difference to obtain a stereo effect, it did not seem to suffer from platform motion very much at all, unlike the Motorola system. Their frequency, 1190 kHz, had at least two other carriers on it, (noted by counting subaudible heterodynes), but the stereo only exhibited a slight rotating effect. I would have liked to hear this system on other stations, especially with local signal strength.

The two stations that I had access to using the Harris system, WSB, Atlanta, Georgia, and WGAR, Cleveland, Ohio, were both not coming in well enough, the night of my test, to fairly conclude anything about the Harris system.

If I had to pick one system to choose as a standard, I would pick Kahn. It would be a hard choice, because they are all quite good with a good solid signal. Kahn seems to have the most potential and room for improvement. It is a simple system, and with some refinements in reception, such as a stable frequency controlled receiver to make tuning accurate and easy, and tunable dual notch filters to ward off heterodyne interference, it could be the solution to high fidelity AM radio. It has no frequency response limitations, outside of the frequency response of the station transmitting. It can be heard at great distances without any more signal degradation than mono AM. The platform motion problems of the other three systems make the Kahn system even more attractive. If Sony could put a really good front end on an AM stereo, the separate sidebands of the Kahn system could make a radio quite a DX machine. I think the best solution, at the moment, would be a multi-system radio that could switch between systems automatically and "idiot-proof." This would also allow the public to decide which system they prefer (if any).

In conclusion, I'm not sure if I would shell out the eighty or so dollars for an SRF A-100. I think the less expensive "Walkman" model, that recently came on the market, would probably be a better buy, because with the tiny speakers and small audio amp that comes with the SRF A-100, you are better off with headphones anyway. The audio amp and speakers give an anemic sound, at best. I consider it a high tech toy, or a very interesting working prototype, at this point. It is still in great need of refinement. It is an interesting preview of the future, and if you get the chance, give it a trial like I did. Hearing stereo on skywave is really amazing.

SUMMARY OF UNREPORTED STATIONS
through Volume 21 #30 dated April 28, 1984

compiled by Don Kaskey

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	V21	V20	V19	V18	V17	V16	V15	V14	V13	V12	Prior	Total
CANADA	216	43	35	34	14	13	5	6	0	2	48	=== 416
U.S.A.	1947	875	516	401	207	205	92	61	35	57	305	===4701
TOTAL	2163	918	551	435	221	218	97	67	35	59	353	===5117

New stations reported as having taken to the air during the period between V21 #26 through #30.

570-KIPO-HI (x-1350) 1210-WGMQ-FL (x-1220)
880-KIKR-TX (x--900) 1450-WCEA-MA (x-1470)
1070-KBCL-LA (x-1220) 1500-KABR-NM
1100-KKLL-MO

Station KFWY-1560-Federal Way, WA lost its license and is deleted from the lists.

Previously unreported stations noted by IRCA Reporters in DX MONITOR since the last update (V21 #30)...Covers V21 #26 through #30:

FL--20--WSWN--900, WDCF-1350 & WAPG-1480 (all by J. Hughes-FL)
HI--0--KIPO-~~1470~~ (Park-HI)
IN--0--WWJN-1180 (Reitz-KY)
MO--7--KKLL-1100 (Jasinkski & Kramer-IL)
NM--2--KMLN--980 (Mittman-GA)
TN--18--WPTN--780 (Black-IL)
TX--48--KXIT-1240 (Sherman-MN)

EASTERN DX FORUM

(215) 368-8067
RICHARD EVANS
P.O. Box 1294
NORTH WALES, PA 19454

Reports from members living east of the Mississippi River
Deadlines: 6/1 6/29 7/27 ?

C. M. Stanbury II, RR #1, Ridgeway, Ontario LOS 1N0

In my last DXF I referred to a recently acquired Collins as a 51J4 while of course the correct designation would be 51J-4 (certainly proves I'm not a hardware freak, hi). Further my receiver turns out instead to be a 51J-3 or, more precisely, its military version, the R-388. In any event, I now have the appropriate manual (thanks to Dallas Lankford). Meanwhile I just finished Jay Robert Nash's "The Dillinger Dossier" (December Press) in which he notes that Melvin Purvis was part owner of WOLS Florence, S.C. just after World War II; Purvis was the FBI agent allegedly responsible for Dillinger's death in 1934. Nash claims that Dillinger's shooting was faked and I'll certainly not take sides on that historical debate but I wonder if there are still any DXers around with WOLS QSLs from the late 1940's? I seem to be getting more and more into old time radio. Best.

Dr. Richard E. Wood, College of Education, P. O. Box 959, Abha, Saudi Arabia

Hurley Parkhurst's article "DXing in Alaska" in DXM 668, just received, is greatly appreciated, and thanks to Bill Hardy for editing and typing it. The absence of Midwestern stns with the exception of WHO is intriguing. That certainly isn't the situation for DXers across the Pole in Scandinavia, who gets lots of Midwesterners. Hurley seems to be using only a longwire. I'd strongly advise a loop also, and beverages--there should be plenty of available bush country. More DXing at dawn in Midwestern locations should add many new catches, too. For his un'ds from Australia, I strongly recommend the excellent new 5th edition of the ARDX Club's Mediumwave Guide, Australia, New Zealand, South Pacific, compiled by Robert Chester, for US\$5.00 including airmail from ARDXC, Box 227, Box Hill, Vic. 3128. It gives very useful info on networks, times, transmitter locations, plans for AM stereo, verie policy, local program times for stns which are mainly repeaters, and future plans. AM stereo is the coming thing in Australia, too. Tom Jasinski in EDXF, DXM 670, complains his P.O. refuses to redeem IRCs stamped more than one year previously. The solution is to try a different post office or keep them and use them to foreign stations, where such a rule doesn't exist. I'm dubious about this rule. U.S. postage stamps, at any rate, issued since the Civil War, are all still valid for postage, a unique policy unequaled even by other stable nations which have had no civil strife in a comparable period, e.g. Switzerland, Great Britain or The Netherlands. I enjoyed the Western Spotlight on Utah; received word too late to contribute to it, but I can mention that KLUE-570 and KCPX-1320 are often hrd in Hawaii. And, in addition to KSL, the following Utahns were hrd on DXpeditions to Finnish Lapland last winter: KLUE-570 on 1/7; KBUG-1320 on 12/26 at 0410 UTC, and also on 12/28 at 0945 UTC, 12/31 and 1/9; KGO-1430 on 1/7 at 0540; and the best catch, KRGO-1450 on 12/28. I've registered for ANARCON Toronto, 7/20-22. By the way, I write the "DXpert" column for the new International Shortwave Listener's Program Guide; \$19.95 for six issues per year of 32 printed pages, to Miller Publishing, 424 West Jefferson Street, Media, Pennsylvania 19063, first class only. 73.

Gerry Thomas, P. O. Box 2036, Pensacola, Florida 32513

Hello again. It's been a month or two since I've checked in so I thought I'd take a minute... No super big news around here of late although a couple of things of note have transpired. First of all, I finally decided to take the Novice Amateur Radio licence test and I am now KB4JFM. I haven't had much air time yet because I've been busy restoring a Galaxy GT-550 transceiver I picked up at a local Hamfest. It was the cheapest transceiver I could find at the 'fest (\$50) and getting it back into shape has been a learning experience (I've never fiddled with transmitters before). Anyway, it seems to be working pretty well right now and recent evenings have been spent pounding the key. I'm going to be in La Jolla, Calif. for a week or so in May and will be taking the General exam then...we'll see how that goes. On the MW front, DX time has been spent on the "Top End" but it's been frustrating going mainly because I don't know what in the heck I'm hearing, hi. Finally, after breaking my right thumb in two places (basketball), I'm at last caught up on Hot Rod back orders...thanks for your patience. That's about it from here. 73's.

Bill Harms, 8327 Perri Drive, Savage, Maryland 20763

Please note our new address. We are moving to a two level townhouse that is closer to my work. Hopefully, AM-SW DXing will be better. I have tested the noise level out on my car and it is much quieter than our former location. It is less crowded also, so TVI will likely be lower. It is up on a rise so TV-FM DX shouldn't suffer too much. As I have mentioned before I am planning to go to Korea (Seoul) this fall and I plan to visit radio stations/broadcasters as time permits, so I hope to be able to find out a little more about broadcasting in Korea. If any has a question about broadcasting in Korea I would be more than glad to try to answer it or do research if needed. Enough for this time. Chil-ship-sahm (73's.)

Ernest Cooper, 5 Anthony Street, Provincetown, Massachusetts 02657

A little more on Ray Edge, if I may. After serving the BCB DX hobby so well for so many years, in 1963, Ray received a great deal of hate mail. I was shown some of the letters he got from some of the younger DXers who disagreed with his policies, and if they were ever to be published, you would all be shocked at the things he was called. These people seem to have fallen by the wayside, happily, and this IRCA has evolved into a very friendly club. If I recall correctly, at the outset of the IRCA-NRCC, this club would not even publish the DX Tests of the NRC. Some of the IRCA founders claimed there was too much "censorship" in NRC. Actually, it was in my opinion, the other way 'round, for as Editor of Musings, I feel now that I let entirely too much get into print - thus fanning the flames of anger and getting many others involved in the pro and con discussions. Had I axed some of that material, perhaps there wouldn't have been that animosity that developed in '63 and held for several years thereafter. Incidentally, in those days, I would mail the stencils for "Musings" on Tuesday mornings at Federal Reserve P.O. stn in N.Y.C. via the 20th Century Limited; Ray would have them on Wednesday morning, would run them off and do all the colating and addressing and stamping, etc. that evening; mail them out on Thursday AM, and I'd have my DX News on Friday morning at work, as it came in in the Federal Reserve 20th Century Ltd. pouch - exactly four days after having mailed the stencils! Ray used to host the NRC conventions every year at his home in the Kensington section of Buffalo, and not only that, he would meet everybody arriving by train, bus, or plane and drive them to his home, and get them back to their carriers again when it came time for them to leave for home. Ray had a great sense of humor, and was a most gracious host, along with his lovely wife Kate, and his three daughters, who always made us so welcome! He could take tons of kidding about his bald head and was always ready with a comeback and a laugh! Please don't think of him in any other light than that of a great guy, one who loved DX, the NRC, and his fellow man. Forward - March!

Frederick R. Vobbe, P. O. Box 127, Temperance, Michigan 48182-0127

Greetings from Detroit. I have now completed a move from the Chief Operators position of WHND-560 (Monroe) to WMJC-FM-94.7 (Detroit). Hope that everyone had a good DX season. DX here has been so-so. I have been having a problem with a local insurance company's computer system putting carriers up on just about every radio within 500 feet from 150 to 1050 kHz. Since I will be moving soon I haven't done much to cure the problem since I am probably the only DX'er in the area that would mind the interference. On a positive note I did get some rather interesting DX in the past few weeks, including a new SW pirate heard on 7355 one night for about 45 minutes. At this time I would like to invite all members to the IRCA convention in Toledo. As one of the hosts of the convention I think that you will find Toledo a very nice city to visit, and tour. I hope to line up some tours of area stations if there is enough interest in tours. (Fred, can you set some of them up for Sat. AM, please--rce) Some of you members that are into collecting airchecks will be happy to know that WAC (We Air Check") will be on the air at the convention. On Friday it will be used as a TIS to give visitors information on the tours, location of the convention suite, etc. For the rest of the time there will be programs on DX'ing, airchecks, and other items of interest. The station is a carrier current system on 640 kHz, operating with 6 watts. Perhaps some programs on the club could be put together with some help from the membership! Well, enough of that. Of program notes, WHK in Cleveland (1420) switched from C&W to oldies. WCXI-AM/FM were sold. No idea what will be done if anything in the way of programming or changes. WWHK in Mt. Clemens is still silent as of 5/2/84. By the way, all reception reports for WHND should go to Milward Beaudry, Jr. He was my assistant at WHND when I got my promotion, and he filled my spot when I left. 73's and best of DX to all. I hope to see you all in Toledo!!!

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

I have discovered a new use for AM stereo. It seems that KABC and WABC are using AM stereo as a double sideband system to reduce BCB interference, and not to send two channel sound. If the upper sideband has adjacent channel interference or other noise, you could simply tune to the lower sideband to try to eliminate it. These two ABC O&Os are broadcasting with the Kahn system for just this purpose. I still favor the Kahn system because it is simple, effective, and very little will stop it from functioning properly. It is not dependent on subaudible pilot tones or good propagation. On a completely different note, I am a very big fan of Linda Ronstadt, and I was wondering if anyone taped the recent interview she gave to RKO on their new show "Live at the Record Plant". It was not aired in the New York area, and I would love to hear it. I will reimburse you for your time and trouble for a dub of this. Please! Somebody! I would also be curious to know if the rest of the IRCAN world is plagued by endless problems with cable TV. The system in my town is a Jerrold system that uses sync suppression scrambling for addressability. The only problem is, that the cable company does not know how to manipulate it, and just when your movie is coming to a climax you are presented with a couple of hours of snow! This is what I get for not BCB DXing, and watching TV instead! (or trying to!) I have had some really interesting openings to the south recently at SSS. One evening I bagged a group of Georgian stations in the 1500-1600 kHz range, some with very low power. TA skip seems to be pretty good, too. I've been logging many strong hets and I'm praying for audio out of some of them before the summer comes. Anyway, that's all for now. 73's and good DX.

Richard C. Evans, P. O. Box 1294, North Wales, Pennsylvania 19454-1294

The new Arbitron ratings were released 4/17 for the Winter, 1984 "book" covering the period 1/5 thru 3/28. Only two BCB stations made it in the top 10 for Philadelphia: KYW-1060 in second and WPEN-950 which was tied for fifth. It's apparently the first time in at least a decade in which KYW-1060 didn't finish in first place in two consecutive books. Number one was WEAZ-101.1, the beautiful music station we listen to most of the time at work (WFMZ-100.1 in Allentown is the other). On 4/27, I turned on the HQ planning to listen to the Detroit Tigers BB game over WJR-760, only to find very southern conditions in effect. 760 was all SS until around 2200, and the big surprise was that I couldn't get KDKA-1020 either. All SS there as well. I wasn't really in the mood for DX, but I did manage to hear WSJS-600 N.C. for only my second station on 600 here, sneaking it past ever-pest WIP-610. Steve Mittman, in the 4/28 WDXP, was wondering if anyone else had noticed DX drifting from warmer climates to cooler ones. When I lived near Chicago (years ago), I did notice that stations to the south were always easier to hear, and stations to the east were also more likely. As I recall, I noticed the same situation also appearing in the reports I received for my CDXR columns. The exception might have been for SSS when the conditions would favor stations towards the southwest normally. The same situation seems to follow here, with the additional problem of the ocean about 100 miles east of this location, and the mountains starting about 90-100 miles west of here. By the time you read this, I will either be in Alabama or on my way north, winding thru western North Carolina and Virginia. As Phil Bytheway noted in his President's Report in the 4/28/84 DXM, I have withdrawn my resignation letter for EDXF, so I will be doing it for the foreseeable future (and hopefully beyond that). Remember to keep reporting this summer. PTL.

DEAR ABBY: My husband and I travel a lot by automobile, and I listen to the radio for company and weather reports. It is really frustrating when the radio announcer says, "This is Station XYZ and we have tornado warnings out for Windsor County, with no mention that the station is in River City, Okla.!" The tornado could be right next to us, or 300 miles away, because radio stations have such a long range now.

The FCC should require that stations give their city and state with the station's call letters.

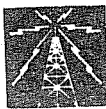
We live in Vermont and used to hear Bob Steel in Hartford, Conn., and Mr. Steel is the only announcer we have ever heard give the city and state with the call letters. Thank you, Bob Steel. —TICKED-OFF TRAVELERS

DEAR TICKED: Thanks for a sensible suggestion. Are you listening, FCC?

Left: Lansdale (PA) Reporter
3-6-84, via Richard Evans

WALM 1110

NEW ENGLANDS
NUMBER ONE
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Western DX Forum

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IBCA—Serving the Broadcast Band DX'er Since 1964

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

DEADLINES - 05 JUNE, 03 JUL, 07 AUG Balance TBA by HQ

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

DX continues to be slow here. I did get a tentative logging on 3B0 945 Bendigo, Victoria, Australia on the morning of 29 April. Heard non-stop C&W music and Aussie DJ, but too weak to copy.

Even FM E-skip has been non-existent this spring. Normal I receive quite a bit of E-skip the first of April -- but nothing this year yet.

Veries of late: KPTL 1300 Carson City, Nevada (including a KPTL cap), Chang Sha, China-People's B.C. on 738 kHz (this direct from Chang Sha in CC), and KBS 558 S. Korea QSL card. I just wish the Thai stations would answer. I should try some follow-ups soon.

Ric, is KEKA's FM on yet? If so, what frequency and power? (OK, I answered this several times, but, yes, 100 kw, 101.5-Rth.) I do hear KPDJ 92.3 and KFMI 96.3 from time to time. I'll be listening for you Sunday afternoons as KRED and KAAR mix here with the southern antenna. KRED is dominant all day during the winter, but mixes in the summer.

Also, do you know the QSL policy of KFMI? Isn't that KATA's FM? (Don't know and yes-Rth.) I have also been trying to QSL KINS for many years with no luck, any ideas on their QSL policy? (They have frequent staff changes, like a revolving door, hi. Keep trying-Rth.) Also, KNCR 1090 Fortuna, another that hasn't answered my requests for a verie. (Read my comments on KINS-Rth.) KEKA and KRED answered immediately.

That's it this time around. Good DX to all and 73.

ALAN LEWIS, 6523 GREENFIELD LANE, STOCKTON, CA 95207

First of all, I have several new veries in. KWOW 1600, KOY 550, KVI 570, KNX 1070, KGNR 1320. KOY sent one of their almanacs with the verification. It's really nice. I suggest getting one if you haven't already. Contents include a short history of KOY as well as lots of totally worthless historical trivia.

KWOW indicates they're building a directional system to allow them to increase nighttime power to 5 kw. I thought they were 5 kw nighttime already. However, the letter stated they're only 500 watts night. (Right, they got the authorization long time ago, but it takes \$\$\$, hi-Rth.)

Now, as promised. DX I have missed, or the life of a sometime DX'er.

It's hard to determine exactly when I was hooked by radio. There's a picture of me around here when I was about 18 months old in the buff tuning in DX on my dad's radio. However, the real bug didn't infect me until much later. My father was a ham, so radio was always around the house.

My first rig was an old surplus Navy set. My father, having been a radio-man in the Navy for 13 years, was quite adept at reconditioning these things. Tuning that rig up in late '67 I discovered the pleasures of R. Nederlands, HCJB and others. It was then that I discovered QSL cards.

Most DX'ers can remember that first QSL card received. Most still have it. My first card was a 1967 20th anniversary card received for a R. Nederland broadcast of 18 January 1968. It was quite thrilling, but the hobby still hadn't really caught on. I tuned favorite programs on SW and discovered with a good set and antenna MW stations could be heard with comparable ease in other states.

Radio went on a hiatus in September 1970. Other activities had my attention such as fishing, hunting, cars, etc. September 1970 was pivotal as that was the month I entered the Air Force. Needless to say it provided me opportunities for interesting DX that I may never have again. I'm sure many of you have had opportunities for interesting DX, but missed taking advantage of them. Unfortunately, these opportunities are lost forever to many of us. Hold that thought, as we'll be back next time with my lost opportunities. There's a moral in this, but I'll let it pass. 73. (I know what you mean, Alan. Take Mike Hardester -- whenever he tires of his DX QTH, the Navy transfers him, hi, hi-Rth.)

America's number one station are on America's number one talk station

AMERICAN AMPS

GLEN KIPPEL, 612 WEST AVE., MERCED, CA 95340

Hello, it's me again! Congratulations to all who had a part in the super anniversary issue and the hilarious March 32 DXM. I had quite forgotten that I could pick up much of anything from Palm Springs except for semi-local WABC every night. Dakar 764 regularly and a large number of stations in Florida. Thanks for bringing it all back. I do remember hearing JOBK 670 when I had just moved to Palm Springs and was living in the house that had belonged to Clara Bow, right up against the foot of Mt. San Jacinto. That 10,000-foot hunk of rock kept me from hearing any DU's at all until I moved to Oxnard and KACY and found that 310 dominated 770 every night. Not too much DX heard from there as I was only there for the summer. Then I moved back to Palm Desert and became Cheap Engineer and PD at KREO in Indio and became far too busing to do any DX'ing.

In 1969 I relocated to Oceanside (KUDE, then KAPX-FM, San Clemente) and tried some DX but the local noise level was just too severe. I didn't think of using a large-aperture loop, which might have made the difference as I had a great location only one-half mile from the beach. From 1975-6 I was in Altamonte Springs, Florida, trying to start up a syndicated programming service. Using an aluminium window frame for an antenna. I heard a few TAs, like Albania 1394, Rome 845, Monte Carlo 1466, etc.

When my business ran out of capital I joined the ranks of the idle poor until I was offered my present job at KAMB FM. But I still wasn't DX'ing until the big debate over whether the western hemisphere should go to 9 kHz spacing. I cobbled up a floppy loop to cut through the powerline noise to see if there was any validity to the argument that there would be heterodyne interference from Regions 1 and 3. There wasn't. But I've been DX'ing ever since, when time allows, and knew that the only way to keep up is by joining a club. And because I knew that IRCA is the best, here I am! And there goes the neighborhood, hi. 73.

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504 (818) 954-0111

Hello. Wanted to comment on the April Fools edition. Thought it was really great and a good change from the routine. Liked the FCC announcement. (You live in Burbank, I thought you would say, "Truly tubular," hi-RtH.)

Seems KWNK 670 is at 2136 Winifred, Simi Valley. Phone is (805) 584-9465. Hopefully soon I will take a drive to the Tapo Canyon Road to look for the transmitter site and maybe stop by the Winifred address to try to find out more.

Found some interesting things in Broadcasting Information. Like KXQR 790 using higher power nights. Looks like additional towers would be needed. Maybe I can try for them after nulling KABC. I see 890 has an application for Citrus Heights, California. Not sure where that is. (Northeastern suburb of Sacramento-RtH.) Found the 1200 application Rancho Mirage to be interesting. Called information for that area to find no KCPC listed. I did discover KCMJ 1010 is now at 490 S. Farrell Drive, Palm Springs. Interesting to see an application in Prescott, Arizona on 1130. Called to get number/address of KWAC 1110 Marana, Arizona, but no listing. Are they on yet? (If there's no phone number listed, I doubt it, think about it, hi-RtH.)

Not too much going on here so I'll say 73.

STEVE MC GREEVY, 45 ELDA DR., SAN RAFAEL, CA 94903

Hi all. Interesting reading about Steve Mittman's experiences up north in Oregon. During the week of 27 May to 03 June, Sheldon Remington and I are embarking on a Tour/DX'pedition to Nevada, Oregon and the extreme southwest corner of Idaho. My main interest will be in FM (desert long-haul tropo, Sporadic E-skip, Meteor scatter, etc), but will make many observations on the BCB as well, and will tape every station which we will pass, especially the small town graveyards. Two nights will be spent in the Monitor Valley in central Nevada where both BCB and FM will be very empty as far as ground-wave is concerned.

When up in the Eureka area last January, in which I gave Ric a surprise visit, then spent a memorable night DX'ing at Patricks Point. Let me say that the north definitely dominates over the south, on BCB, FM, LW. Sunrise skip yielded mostly from Oregon, Washington and Canadians, and 860 CFPR Prince Rupert was armchair strength even as late as 10AM PLT, and CBX 740 Edmonton left KCBS in the dust. LW was all Canadians and Alaskans. FM stations were heard as far away as Portland, 300 miles away, in STEREO using just my Sony ICF-7600D and its whip antenna for FM (a stereo portable radio), a 200-foot N/W wire into a tuner then into my DX-200 made for hot DX on BCB and LW.

Two newies this week: 1230 Burns, Oregon and KQIK 1230 Lakeview, Oregon, both most-wanted and also which we'll pass nearby on the trip. (Drool-RtH.) I plan to make over 20 hours of tape of hot FM DX, BCB DX and Meteor scatter on FM. Sheldon also plans to TV DX (UHF and VHF). Either the coast or the Nevada desert are number one to me for DX. Some Beverage antenna work will also be done on the BCB and I'll try for some TPs from Nevada, given the

western horizon will be low where we plan to DX.

As you read this we'll be back from the trip and I'll try to include some info. in WDXF and WDXR. Ric, the Ft. Bragg FM station is KOZT 95.3, which by the way is audible at Pt. Reyes, went on the air only last fall of '83. Their translator on 95.9 in Ukiah is audible here in San Rafael, but not the mother station though.

Note to Steve Mittman, here in Marin the east and northeast dominate on the BCB, and especially on LW. Canadians are pests. Out at Pt. Reyes, the Pacific Northwest is very loud with CBU 690 topping XETRA most of the time. Of course, the TPs dominate too as 1210 KZOO Honolulu occasionally sawmps KASY, and KHLO is usually equal, if not over KOA. KMVI 550 might as well be in Bodega Bay judging how huge their signals are out there, but unheard here on "the east side" of Marin County. I hope to do another Mt. Vision DX'pedition during the summer and use the 1200-footer.

One last thing. If anyone in Hawaii, or anyone who has recently visited there has tapes of stations DX'ed from the Mainland, drop me a line and I would like to send a blank tape plus postage from some copies.

73 and the best to all.

DOUG NYHOLM, 2071 CEDAR ST., SAN CARLOS, CA 94070 (415) 493-3330

DX sure picked up for me and everyone else who managed to attend the latest NorCal Beverage DX'pedition. As noted in DXM it was 21 April, the Saturday before Easter and the following were present: Art Peterson, Rich Segalas, Rich Toebe, Mark Lewis, Larry Johnson, Mike Vandever and myself.

This time we erected two 1240-foot Beverages for DU reception and one 1400-foot to the south, untermated, for Latins. The latter proved to be almost useless and about 2 AM it was suspected in interjecting local interference into the other two and was disconnected and toosed over the fence. As just about always this iste proved itself again for tremendous DU reception. We guessed that this time of the year being near the equinox would be good for DU reception, then checking for the solar activity with WWV that afternoon noted that the A Index was 17 and that a major solar flare had erupted. At hearing this Art put his face in his hands and looked like his radio had caught fire, hi Art. Being optimistic myself I told everyone that this would just mean high latitude absorption and the DUs would be even more present. Whether that was the reason it sure proved to be true as Australia, Guam, Samoa, Fiji and the South Pacific were heard all over the dial. If every one sends a report to Pat Martin he may break more than one character on his typewriter, hi Ric.

I personally noted more Australians than anything and the reception sure kept Mike Vandever busy logging with is notebook. 2RPH 1629 with 500 watts was noted steady with weak signals (what can you expect for 500 watts from Australia?) for almost two hours and at 6 AM PLT (well after sunrise) we were logging 2BE 765 Bega, NSW with 3500 watts while standing outside our cars antenna wire in hand ready to disconnect it and roll it in as soon as the on-the-hour ID came through.

Anyhow, my thanks to all who participated and help make this DX'pedition a success. Everybody ready for an August Beverage party? 73.

BOB COOMLER, 207 E. 45th PLACE, KENNEWICK, WA 99337

The most noteworthy thing about DX here has been the lack of it. In response to Alan Lewis' mention of a list of IRCA's hams, my offer from January is still alive and well to put one together. Come on Ye of RF Generation, please drop a line with your call, class of license and bands of operation, and I'll get it together in some semi-organized manner. If you hams out there will admit to it, I will, right here in public print, in from of Ric Heald and the World, admit that I like generic beer. Deal?

RIC HEALD, 1632 J ST. #3, EUREKA, CA 95501 Tele-Forum: (707) 443-1685 M-F 9-6 or (707) 443-2704 SAT 9-2 PLT & ppd

Nice to see some humore in the forums this edition. One comment not printed but handwritten should be shared. Glen mentioned that if his forum was too long, "Just take out the front, and the end, and the middle." Ah yes, the temptation of it all, hi.

Like Coomler, the highlight of DX activity has been the total lack of it. Now working seven days a week (here we go again), had fun (I think) on my first shift at K-RED. It's a bear running both AM and FM, especially when you have two music tracks and the voice track change just before 3 PM and just ahead of live news from RKO on the AM side. That should settle down once I get the hang of it and into a routine.

McGreedy's DX'pedition to nearby Patricks Point (and in two years, I've still not been there), reminds me that there will be an all bands DX'pedition to mile-high Grouse Mountain east of Eureka over Labor Day weekend. Tons of room up there, no electrical wires in sight, nice and quiet. Although it's not on the immediate coast, it's only 25 miles away and you can eyeball the entrance of Humboldt Bay, so at least a straight shot. And the FM reception,

needless to say, is something else. Last time we had two-to-three stations on each channel and merely hand rotated the FM yagi to separate. Last time we yapped skip on the CB almost all night, but when we did turn on the CB with the 500-foot crudely erected antenna, the DUs were all over the place. In theory that antenna shouldn't have performed half as well as it did, but then again, so much for theory, hi.

If it hadn't been for Coomler and Martin this would have been an all California WDXF. Come on you guys, let's hear from the rest of you west of the Mississippi. There's no rush, you've got two weeks from the time you read this. Sure would like to hear from the Midwest, Canada, etc. OK? It's your club, it's up to you to dilute all these California forums, hi.

See y'all in a month. Pat, if you hear me on KRED, send me a reception report. I'm sure our CE, Tim, will get a kick out of it. 73 de Rth. .

IRCA WANT ADS

EDITOR: TIM O'HARE
20023 8th W.
EDMONDS, WASH - 98020

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PREPAID 618-932-2663 AFTER 0100 UTC

TOP END

May
1984

A monthly column of loggings, discussions & information for the 1600 - 1800 kHz range.
Deadline: The last Saturday of the month
All times are GMT

Craig Healy 66 Cove St Pawtucket, RI 02861.....

Where'd everybody go? Only my loggings this month:

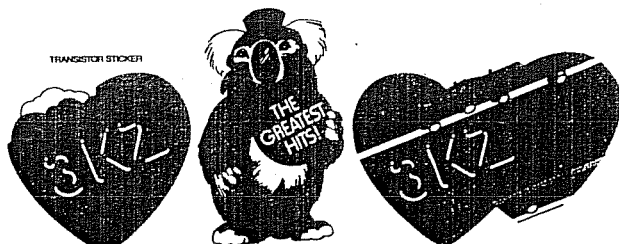
1610 ANGUILLA 0445-0448 4/24 Caribbean Beacon assumed w/ relig. pgm. Fair.
1619 ??? 0450-0452 4/24 Cubic Argo, weak.
1628.5 ??? 0453-0454 4/24 Cubic Argo weak in static.
1635 ??? 0508,0512 4/25 V276 fair.
1646.8 ??? 0514-0516 4/24 Cubic Argo strong.
1685 COLOMBIA Mercaderes 0501-0502 4/25 MER unusually good.
1709.5 ??? 0524-0526 4/24 Decca (Raycal?) HiFix, strong.
1716.2 ??? 0527-0528 4/24 Cubic Argo, fair.
1746 ??? 0533-0535 4/24 Decca HiFix, fair.
1748 ??? 0535-0536 4/24 Decca HiFix, fair.
1762 ??? 0303,0307 4/2 FRB still here. Found a home? Fair. Also 0614 4/8.
1762.5 ??? 0537-0538 4/24 Cubic Argo, good.
1765 ??? 0538-0539 4/24 Cubic Argo, fair.
1785 ??? 0540-0543 4/24 Signal similar to Cubic Argo, but much faster rate.

Since there are no other loggings (ahem), I'll run down where we are on our great information search: I sent a letter to Raycal in Houston, but nothing yet. Nice letter from Jerry Starr on beacons and other things. He suggests that anyone bringing a radio on vacation may want to do a quick bandscan through the above-BCB area. This might be interesting in some remote areas, especially in the Caribbean Basin. I heard both a Cubic Argo and a "KAB..." station daytime. This was at the last NRC Convention beverage antenna site. Sam Neal and I have heard the same "KAB..." call on the same frequency at about the same time. Since he's in Texas and I'm in RI, it would appear that these can get out pretty well at times. This doesn't prove it was the same station we each heard, but it's at least certainly possible. David White up in Maine has heard identical stuff to me as well. Of course, some unidentified beacons like SDT-1620 and ZM-1700 are heard throughout North America. Still lots of puzzles and few answers. Do we have any readers in any government job with access to information that they can share?

Another letter received here complained: "I tune through your frequencies and only hear a few cordless phones. Why??" I don't know why you don't hear much, but offer a couple of suggestions. Patience is a must! Some of these beacon type stations only ID a few times every four minutes or so. Sometimes you just have to go fishing, and sit on a channel for a bit. Since the letter comes from the East Coast, he will probably have some luck listening on 1635 or 1637. Use the BFO in your receiver and the narrowest bandpass position. I use a longwire and a regenerative tuner similar to the ones described by Mark Connelly. This makes all the difference in the world. Signals up here are just not as strong as in the BCB. You have to dig for them. A loop can work well in a quiet area, but will be tough if line noise is high. Summer static doesn't help either.

Cordless phone info: Apparently they are showing up from 4.5-5.5 mHz now. A couple of articles received stated that law enforcement agencies can legally eavesdrop on cordless conversations. This is due to a recent court ruling. I'd credit the sender, but no hint of identity was in the letter. Thanks anyhow!

Last question: Anybody know the mailing address of Cubic Corp.? This is the old Swan company of ham equipment fame. Any contacts there??



EASTERN DX ROUNDUP

Bob Lazar

11011 Becontree Lake Drive, #410

Reston VA 22090

Next deadlines: 6/4, 6/29 (tentative), 7/30

- 600 WSOH OH Salem, 4/8 0700 good w/ ID into nx. In WTAC null. (RSR-ON)
WSJS NC Winston-Salem, 4/19 0400 fair w/ ID into nx, m DJ. In pileup.
(RSR-ON)
CFCH ON North Bay, 4/18 0400 very good w/ rock mx, ID on hour. Not
hrd for a long time. (RSR-ON)
- 710 CJRN ON Niagara Falls, 4/16 0224 fair w/ rock mx, IDs, ads. (RSR-ON)
730 WLIL TN Lenoir City, 4/1 1802 fair w/ nx and lengthy ID "This is WLIL
AM/FM Lenoir City, Loudon, Knoxville, Maryville, Alcoa."
(JH-PA)
- 790 WNWS FL South Miami, 4/28 0233 good w/ ID, ads, nx. In w/ Cubans.
(RSR-ON)
CKSO ON Sudbury, 4/18 0405 ID after nx, wx. Fair, mixing w/ WTAR.
(RSR-ON)
- 860 WDMG GA Douglas, 4/9 2237 mixing all night w/ R. Clarin and CJBC.
2237 lady w/ household tips, then more pop, "DMG". (JH-PA)
910 CKLY ON Lindsay, 4/15 very good 0332 w/ C&W mx, IDs, local ads. (RSR)
920 WTRS FL Dunellon, 4/17 1900 ID w/ full s/off. New, one of by closest
unheards. (JBH-FL)
WTND SC Orangeburg, 4/12 0629 ID out of wx rpt, C&W. Poor signal.
(JBH-FL)
- CBO ON Ottawa, 4/6 0508 very good w/ mx, wx, m DJ, TC. (RSR-ON)
930 CKNS ON Espanola, 4/6 0500 very good w/ sports, wx, ads, ID as North
Shore Radio. (RSR-ON)
- 940 WCPC MS Houston, 4/7 0651 very good w/ rlgx mx, ads, ID. (RSR-ON)
1170 KVOO OK Tulsa, 4/9 0435 fair w/ road rpt, ID, C&W mx. U/ WWVA TTs.
(RSR-ON)
- WXAX SC Lexington, 4/8 0644 ID w/ "Your place in country", into wx
rpt, fair signal but mixing w/ WWVA. (JBH-FL)
- 1230 WCUZ MI Grand Rapids, 4/16 0259 fair w/ f giving phone # & ID, into ..
nx. (RSR-ON)
- 1300 WCLG WV Morgantown, 4/10 1510 good w/ pop, "CLG AM", in null of WWCH
Clarion, PA. (JH-PA)
- 1330 WBAS FL Crescent City, 4/9 0608 ID w/ wx rpt, into C&W mx. Poor.(JBH)
WCVC FL Tallahassee, 4/9 0630 ID after rel pgm, into gospel mx.
Fair. (JBH-FL)
- 1380 WBNX NY New York, 4/21 1959 good to very good w/ fast SS and ads.
Suddenly at top of hour "This is WBNX, New York." (JH-PA)
- 1460 WBAR FL Bartow, 4/20 1557 ID w/ "UPI nx coming up at four." Good sig.
EZL-type mx. (JBH-FL)
- 1530 WDEY MI Lapeer, 4/18 1914 s/off u/ WCKY, ment of WDEY-FM which must be
// as they s/off in mid of a commercial, "15-30 AM". (JH-PA)
- 1550 WYNX GA Smyrna, 4/7 0635 very good w/ rlgx mx, community calendar, IDs.
Well o/ CBE. (RSR-ON)
- WXVA WV Charles Town, 4/14 1844 s/off u/ local WJLY s/off, NA and
ment of FM 98.3. (JH-PA)
- 1560 WKIQ FL Inverness, 4/17 1605 ID noted during nx (FL Net. Nx.) Poor.
(JBH-FL)
- 1570 WSSA GA Morrow, 4/10 probable 0700 s/on w/ IDs and "good morning"s.
Poor in slop. (JH-PA)
- 1580*WDBG*FL* Mt. Dora, 1/15 approx 0200 on DX test. Poor w/deep TT or het
from ?? -- one of my many IDs I had on tape. Couldn't make
out until I noticed Christos Rigas' rpt of this test in March
2 DXM. Checked tape again and it matched up! Still correct
calls? Current VJ log has WQTK. (JH-PA) (My records show
that WQTK is the call for St. Johns, Michigan on this
frequency!!!--ed)
- 1590 WGGO NY Salamanca, 4/14 s/off 1859 u/ WAKR, little hrd other than
call/location. (JH-PA)
- 1600 WSMA MI Marine City, 4/8 0714 good w/ s/on, NA, ID, m DJ. (RSR-ON)

Eastern DXers

JH - Jim Hall, 240 Byron Rd., Pittsburgh, PA 15237
JBH - Jody Hughes, 13720 Gulf Blvd., Apt. 401, Madeira Beach, FL 33706
RSR - Robert S. Ross, Box 4373, Stn. C, London, ON N5W 5J2

CENTRAL DX ROUNDUP

Robert Kramer
6416 N. Richmond
Chicago, IL 60644

UnIDED, SPECIAL, CHANGES, et. al.

550 KUSA MO ST. LOUIS, 4/17 0037½ good w/spot & "55 KUSA" ID. RK-IL.
All da Rest

630 WKBX GA SAVANNAH, 4/16 0157 good w/C&W mx & ID. Sounded like was operating ND. RK-IL

740 WCWY TN TULLAHOMA, 4/9 0014 fair w/FM ID (WBGY) so maybe forgot to shut FM xmtr off. RK-IL

1010 WCSI IN COLUMBUS, 0700 3/30 good o/weak WGUN/CFRB, w/s/on into nx. TMJ-IL

WIOI OH NEW BOSTON, 0645 3/30 s/on xlint, female ancr, 15 sec. ahead of WGUN. TMJ-IL

1350 KBOT AR CABOT, 1914 3/26 s/off w/inst. mx. TMJ-IL KDF-IL

1370 WGNW WI SUSSEX, 3/6 1900 fair w/s/off, ment. all nx format, my closest unheard.//

1410 KBCC MO CUBA, 3/8 1914 fair w/s/off, poor. KDF-IL

1540 CHIN ON TORONTO, 1815 3/27 s/off, KXEL nonexistent until 1900, must have been off due to technical problems. TMJ-IL

WARM WEATHER DIAL TWISTERS

KDF... Karl Forth 2714 N. LeClaire Chicago, IL 60639

ICOM IC-R70, HQ-160, spiral loop)

TMJ... Tom Jasinski 503 Jensen Shorewood, IL

(FRG-7, 2½' loop)

RK... The 20th Century Man

(R-1000, HQ-140X, HQ-129X, Radio West Loop, Kowalski Loop, spiral loop)

Frequency Check

940 KVSH NE VALENTINE, 3/18 0114 tune in to 0119 TT & ID. KDF-IL

.....

BOOK REVIEW.....

Music in the Air by Philip K. Eberly, 1982. ISBN-0-8038-4743-2, paperback, 416 pages. Published and directly available from Hastings House, Publishers, Communications Arts Books, 10 East 40th Street, New York, NY 10016. Price: \$22.75 postpaid.

Dont be fooled by the title. This book is about radio. Boy, is it about radio!

The author, Philip K. Eberly, Vice President and General Manager of WSBA radio York, PA, gives a vivid and colorful history of the radio/popular music scene from 1920 to 1980. This book is loaded with charts, pictures, facts, and details of the major forces that made the bog band era, the swingers, crooners, rock and rollers, and disco-freaks all possible.

"...Irrespective of what non-musical forces interplay to make a given body of music popular, radio in all likelihood will be the ultimate testing ground. Radio will decree what tunes and artists will succeed and how long they will last. The wide range of music available up and down the dials of our radio music boxes is proof there is no single American popular music. There are dozens and dozens.

"Here in 21 chapters that range from the makeshift early broadcasts to speculation about Formats of the Future, is a well documented history of radio's contribution to our popular music."

If any club members are interested in meeting the Pilots of the Airwaves, Program Doctors and Syndicators, and the forces that make this radio thing tick; if they love radio, then they must read Music in the Air.

---Armand DiFilippo

WESTERN DX ROUNDUP

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

All times are
Eastern Local

Phone for hot WDXR tips: (206)532-6826 till 10pm(PLT)

DEADLINES: Tuesday June 5, Monday July 2

REPORTERS FOR THIS ISSUE:

- (AD) Alan Davidson-8121 E. Balfour Dr.-Tucson, AZ 85710
GE 2950
- (JH) Jim Hilliker-1502 E. Hedgewood Ave.-Anaheim, CA 92805
Kenwood R-1000, Radio West loop
- (DKK) Don Kaskey-465 Burnett St. #1-San Francisco, CA 94131
Hammarlund HQ-140X, SM-2
- (DP) Doug Pifer-4366 Ocean View Bl. #3-Montrose, CA 91020
FRG-7000, MW-1
- (HP) Herman Plew-P.O. Box 754-Atascadero, CA 93423
GE Superadio, RF-2200
- (bp) Bruce Portzer-6546 19th N.E.-Seattle, WA 98115
Racal RA-17, 4' box loop
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2

OF SPECIAL INTEREST:

- 670 KWNK CA, Simi Valley per call to KWNK, they'll be hitting the air "sometime in June," despite fact it says May 1 in Radiophiles bulletin. (RW-CA)
- 850 KMDY CA, Thousand Oaks 4/30 0930 fair in KOA null w/sports, into comedy show. Call change confirmed by phone, ex-KGOE. They changed calls Sun. 4/29, now all-comedy format. (RW-CA)
+5/2 1430-1530, ex-KGOE, changed calls & format at 1500 4/29. All comedy, uses slogan "Comedy Radio," but also gives calls frequently. Brief local nx items & sports during the hour. Legal ID is SID "Comedy Radio, K-M-D-Y, Thousand Oaks," back into comedy bits, all intro'd by DJ anncr. Thousand Oaks in Conejo Valley, they ment. that a lot. Fair here day, nearly impossible nite due to KOA. (JH-CA)
- 930 KYSS MT, Missoula per call to KYSS, they have "no idea" about when they'll be switching calls to KLCGY, let alone even knowing about the proposed switch! (RW-CA)
- 1030 WBDX TN, White Bluff per call to stn, new f/c time is 0515-0530, 1st Tuesday. (RW-CA)
- 1240 KSML AZ, Globe 4/21 2200 fair on fade-up w/C&W mx, ID, into CNN nx. Stn #200. (AD-AZ)
- 1340 KATY CA, San Luis Obispo is back on the air after being silent since about July 1983. 1st hrd 3/28 all recorded, no ads, w/annct. "Keep listening for the new KATY coming soon." First local ads hrd on 4/26. Carrys Satellite News Network nx on the hour. Format is oldies, "The best music from then and now" (similar to MYL). Programming, except for some ads, is // KDON-1460. (HP-CA) (Satellite Music Network's "Stardust."--NH)
+5/1 w/super signal 2244 "Stay tuned for all your favorites, right here on KATY, San Luis Obispo," then a BBD type song. This one has been off for quite awhile, now back with us. (DKK-CA)
- 1370 KXLF MT, Butte per call to KXLF, they haven't changed calls to KCEZ yet, but will "within the next few weeks." (RW-CA)
- 1400 KNDE CA, Visalia 5/3 0258 s/off, ex-KONG. Hrd ment. of studios in Visalia, but surprised they said "Good nite from staff of KNDE." Called next day, has been KNDE for a couple of months according to DJ. Hours now 0830-0300, format similar to MYL, carries Dodgers baseball. (JH-CA)
- 1420 KMOG AZ, Payson per verie, they'll be going 500w DA night power May 1. Currently 2500w days only. (RW-CA)
- 1450 KSKR MT, Whitefish-Columbia Falls per call to stn, they have changed calls, ex-KTXX. 1st MM f/c 0315-0330 still active. (RW-CA)
- *****
- 560 KPQ WA, Wenatchee 4/16 w/ID 0341 o/KMON. KPQ had light rock mx. (DKK)
- 670 *KBOI ID, Boise 4/23 0214 w/TT, Cuban/WMAQ mix later on w/TT off. (RW)
- 700 KGRV OR, Winston 4/28 o/KFAM 0252-0303 w/"Heaven & Home Hour." ID 0259 & began s/off 0301½ w/hymn. Carrier off 0304. 1st time noted atop KFAM on night power. (DKK-CA)

- 730 KDAZ NM, Albuquerque 5/4 0800 strong signal w/brief s/on, ID, power 1000w, freq., owner, into relig. "700 Club" program. Much stronger than when 1st hrd last fall. (JH-CA)
- 780 KAZM AZ, Sedona 4/30 0924 good w/ID, rr mx. (RW-CA)
(KROW) NV, Reno 4/12 0340 totally off. (RW-CA)
- 800 CKOK BC, Penticton 4/23 w/rock oldies 0300-0415+. YL gave OK Net ID at 0413. KGO-810 seldom allows signals on 800. (DKK-CA)
- 860 KVVA AZ, Phoenix 5/4 0503 good w/ID in EE & SS. YL w/KVVA Phoenix, Radio Viva. (DP-CA)
- 880 KJJR MT, Whitefish 5/4 0806 good w/C&W mx, TC "6:06 at KJJR." Many local ads, ment. Kalispell, wx, etc. 2nd time logged, better than last fall. (JH-CA)
- 1010 KXEG AZ, Tolleson 5/4 0350 fair w/mx by the Maranatha Singers. Many IDs. (DP-CA)
- 1020 (KTNQ) CA, Los Angeles 5/5 0400-0500 noted off the air, rare SP, on a Sat. morning. A couple of times OC on, but still off at 0500. (JH-CA)
- KBCQ NM, Roswell 5/5 0412 not hrd here often, last was 11/82. C&W mx, very strong, YL DJ, ID "Country comes alive on 10-20, K-B-C-Q." (JH-CA)
- ?*KWIQ* WA, Moses Lake 4/12 0338 tent. w/TT o/KYXE in KTNQ null, wrong loop for either KBCQ or KDKA. Called stn next day, they said it could've been them, though he wasn't sure, they mentioned they'll be switching frequencies from 1260 to 1020 "in a few weeks." (RW-CA)
- KYXE WA, Selah 5/5 0429-0432 never thought I'd get this, but KTNQ was off! Poor to good in KBCQ null. Strong on this peak "Dolly Parton on KYXE, 1:29." Fruit frost forecast from Yakima airport. Many local ads, into nx read by DJ. Many agriculture-oriented spots, seemed to be C&W format. Not bad for 500w. New, WA #19. (JH-CA)
- 1030 WBZ MA, Boston 4/23 0226 good w/talk show, was looking for KBSM unfortunately! (RW-CA)
- 1050 KTBA AZ, Tuba City 4/30 0907 good w/nx, TC & sports. ID "Chuck Swindol heard Monday - Friday on KTBA." (DP-CA)
- 1070 CKST AB, St. Albert 4/23 0120-0300+ w/C&W and pop mx beneath KNX. Had BN nx 0200-0205. SIDs noted 0123 & 0213. Mixed bag of pop mx & MST TC 0244. SID atop KNX 0251 after PSA. New here. (DKK-CA)
- 1190 (KEZY) CA, Anaheim 4/16 0310 off air, later testing, OC, TT. (JH-CA)
- 1210?*KCLG* UT, Washington 4/16 0207 strong w/OC susp. in KASY null. (RW-CA)
- 1230 KFLR AZ, Phoenix 4/30 0230 good o/mess w/"Family Life Radio" ID, Phoenix area nx. Rare here. (RW-CA)
- KGEO CA, Bakersfield 4/28 2243 Wolfman Jack Show, ID. Fair to poor in KGFJ null. (JH-CA)
- 1240 KLOA CA, Ridgecrest 5/4 0304 out of UPI nx, into s/off "KLOA-AM now leaves the air. We'll resume broadcasting at 5:55 tomorrow morning." Gave location of studios & xmtr, power, etc. No SSB. Fair, better than when first hrd. (JH-CA)
- 1250 KNEU UT, Roosevelt 4/21 2059 good w/s/off. New. (AD-AZ)
- 1280 KBRQ CO, Denver 3/19 0700 atop w/Music Country Network (C&W mx), ID, AP net nx. (bp-WA)
- (KIT) WA, Yakima noted off MM 3/19 0635-0730+. (bp-WA)
- CHRB AB, High River 3/19 0730 ID & classical mx o/u KBRQ. (bp-WA)
- 1310 KLIX ID, Twin Falls 5/2 2234 good on top, end of local nx, wx, "clicks" ID. (JH-CA)
- 1320 KHSJ CA, Hemet 4/29 2158-2159 finally got one of my most-wanted and my closest unheard! First, on 4/28 2114 hrd tail end of SSB, called stn, said it was them, told me s/off was 2200 on Sun. 4/29. Poor at first, male voice gave power, 500w, ment. FCC. Turned loop till it came in better, then was fair w/noise "We invite you to listen to our companion station, KHYE, stereo 105.5 FM. KHSJ, 13-20 will return to the air tomorrow morning at 6am. The staff & management of KHSJ wishes you a pleasant goodnight." Into inst. SSB. Been trying for o/a year, ya-hoo! New, CA #181. (JH-CA)
- 1330 *KLOM* CA, Lompoc Sa 4/28 0409-0445 mostly poor in KFAC null. hrd ID "KLOM, Lompoc, CA, conducting a special equipment test. If you're picking us up at a great distance, contact us at 805-736-3429." Had mostly pop mx, IDs. Called, they were very friendly, interested in DXers, said they'd answer a report. Told me usual format is like Mighty 690 (XETRA), and uses slogan "13-K" often. New. (JH-CA)

- 1330 KGAK NM, Gallup 4/14 2052 strong in KFAC null, C&W mx, ad for Mel Tillis concert in Window Rock, ID, promo for AZ Wranglers football. (JH-CA)
 ?*KSIL*NM, Silver City 4/15 0220-0224 tent. 3rd MM f/c. Continuous TT for 4 min. then possible ID, but couldn't make it out. (JH)
- 1380 *KLPZ* AZ, Parker 5/5 0300-0315 ex-KZUL reg. f/c 1st Sat morn, during daylight time, now at 0300 till end of October. 1st time logged here w/new calls. Very strong in KTOM/KGMS null. TT, ID every 2 minutes "KLPZ, Parker, Arizona, testing." (JH-CA)
- 1400 KAAP CA, Santa Paula 4/19 2211 fair w/ID as "KAAP, Santa Paula." Never hrd as KKBZ. (DP-CA)
- 1420 KSCR WA, Renton format is now soul mx. (bp-WA)
- 1430 KAMP CA, El Centro 4/29 2154-2214 fair-poor in KALI null, oldies format, ID "The station that remembers, KAMP." Wx for area, YL DJ. Lost at 2214, I think they went to PSSA. New. (JH-CA)
- 1440 KMED OR, Medford 4/27 2320 fair ID "KMED with the forecast for tomorrow." SS slop in back. (DP-CA)
- 1450 KVEN CA, Ventura 4/30 2207 good "KVEN Newstalk time 7:07." (DP-CA)
 KDXU UT, St. George 4/30 0930 good w/OM talking about the Islamic religion. (DP-CA)
- 1460 KTYM CA, Inglewood 5/1 atop 0930-1000 w/KDON off for some reason. KTYM was relig. Was looking for KQTE but only QRM was an image from KIQI-1010. (DKK-CA)
- 1470 KELE WA, Centralia-Chehalis 4/24 w/blip ID thru mush 2142. (DKK-CA)
- 1480 KWIZ CA, Santa Ana 4/28 atop KWUN/KYOS/KRED 0222-0225 w/local ads. Must have their 5kw xmtr working again. (DKK-CA)
- 1490 KBAS AZ, Bullhead City 5/3 0244 local ads, now has C&W format. ID "Country 14-90, KBAS." Fair in KWIZ-1480 null. (JH-CA)
 KYCA AZ, Prescott 5/5 0318 fair w/reg. 1st Sat. morn f/c. Many IDs. (JH-CA)
- KAIR AZ, Tucson 5/4 0317 poor w/"Diana Ross on AM Stereo KAIR." (DP)
 KOWL CA, So. Lake Tahoe 4/19 0005 good w/many "K-Owl" IDs. Ment. of contest of who could design the best window sticker for them. (DP-CA)
- 1570 CKTA AB, Taber 4/16 0224 very strong w/1090 Check ID. They've really bombed in here last few weeks. Did they up their power or change night pattern? (RW-CA)
- 1590 KMTI UT, Manti 4/18 w/s/on 0755 u/KLIV. Was full detail s/on then into nx interspersed w/local ads. (DKK-CA)
- 1600 KZON CA, Santa Maria 4/19 2145 finally hrd after 4+ years w/SS, o/u KGST, then o/KGST at s/off read by YL. Clear "Kah-zeh-oh-enne" ID & "buenos noches" ment. Was my closest unheard (now my closest unheard is KXEM-1590 McFarland, CA. Fat chance to hear this one!). In KLIV-1590 null. (RW-CA)
- KLAK CO, Lakewood 4/28 female w/ID atop 0325 after Denver ads. (DKK)

April f/c's tentatively heard:
 2nd Wed 0107-0130+ KSNZ-1340 TX (RW-CA)
 3rd MM 0200-0210 KPOK-1340 ND (RW-CA)

April f/c's heard:
 4th Sa 0145-0150 KSIW-1450 OK (RW-CA)

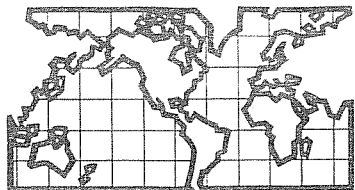
May f/c's heard:
 1st Sa 0300-0315 KLPZ-1380 AZ (JH-CA)
 0310-0325 KYCA-1490 AZ (JH-CA)

UNIDs:
 750 4/16 0228 unID TT very strong o/KXL/WSB in KCBS-740 null. Must've been KERR, though possibly the new Utah CP grant? (RW-CA)
 1400 4/19 2200 fair w/ID as KNDE or similar, AM 1400 followed by Dodger baseball. I figure my stn info is not up to date, but I am curious about this one. (DP-CA) (Sounds like Visalia, CA, ex-KONG. See "Of Special Interest" at beginning of this column!--NH)

Next WDXR deadline is Tuesday June 5!

A last minute "Of Special Interest":
 1030 KMAS WA, Shelton ex-1280, hrd on new frequency 5/8 2005 at end of Ai nx. Must have just moved to 1030, as still on 1280 just last week! (NH-WA)

Welcome to WDXR, Herman! ♥



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

PHONE: (503) (861-3185)

Boy, do I have a column for you this week!!! DU ex seem to have improved recently. Several DXers went out to Ano Nuevo, California a few weeks back and pulled in quite a few good ones, including 2RPH-1629 KHZ-500 watts-Sydney, Australia. Then on May 7, I logged 4RPH-1620 KHZ-500 watts-Brisbane, plus the others 2RPH, VL2VU, and 7RPH. In DX news: From HZRDXL: Niue Island has moved to 594 KHZ and apparently boosted power (ex 837 KHZ) Sign off is around 0820 UTC daily, but has been reported on at 1000 UTC, relaying WVUV-648-American Samoa. This news also from DX Australia. If you happen to hear 4RPH-1620 KHZ-Brisbane, the address: Box 438 GPO-Brisbane 4000, Q., Australia. Also Lord Howe Island has boosted to 100 watts, from 50. Hours on 1494 KHZ is 2130-0130 and 0530 to 0730 UTC daily. Around 0730 might be possible here. Late news from Arthur Cushen-Invercargill, 3ZW-Westport, N.Z. is on 1287 KHZ with 2 KW. For people sending reports to Alan Roycroft in Hawaii, he reports that because of work, he has been extremely busy and hasn't gotten around to answering reports. He finally took a vacation in DULand, the first in 5 yrs. On the station improvement side, KIPA-Hilo on 620 KHZ had its steel guy wires changed to a high tensile plastic type known as Phyllistran and as no one had ever monitored the improvement or otherwise of such a modification, Alan decided he would. After carefully documenting the existing conditions on this 400 foot tower which is located right on the ocean with radials going in the sea at 5 points by meticulously measuring antenna current and transmitter input power, antenna resistance and reactance measurement of frequencies between 560-680 KHZ along with field intensity meterings at about 20 carefully marked locations. Once this was done, the new guy wires were fixed and the test procedure repeated. Alan expected an average gain of 20%, but the result showed absolutely nothing, the antenna reactance changed 5 ohms and two seagulls sitting on it would have done the same! This is from HZRDXL. I received a note from Dale Park-Hawaii. I apparently printed his logs as March 5, instead of April 5. Sorry about that. How on with reports:

PAN-AMERICAN DX ROUNDUP

- 670 t MEXICO, Torreon-XETOR-4/13 at 0425 in KBOI null thru KNBR-680 slop w/ San Diego Padres baseball in SS // XEXX-1420. XETOR is the only station that makes sense on 670 closer to San diego. XETOR is occ. hrd in Western US. Other ideas? (RW-Ca)
- 830 MEXICO, Mexico City-XELA 4/22 at 0345 on top of channel w/ "Buena Musica en Mexico" ID (Car radio was getting WCCO at the time) (RT-Ca)
- 834 BELIZE, Belize City-4/22 0504 exc. signal w/complete s/off, including all stations operated listed, address given for correspondence, NA (RT-Ca)
- 1470 MEXICO, Los Mochis-XECU 4/16 at 0720 good thru XERCH OC w/ad ment. Los Hochis, then lost to usual KUTY, in KXOA null. (RW-Ca)

TRANS PACIFIC DX ROUNDUP (The Biggie!!!)

- 155 U.S.S.R., Khabarovsk-4/22 at 1054, first noted w/cclas. mx, good signal signal fluctuated during the night. (RT-Ca)
- 182 U.S.S.R., Petropavovsk-4/22 1150 first noted w/RR talk, appartently // 191. Fair to good signal. (RT-Ca)
- 191 U.S.S.R., Blagovshensk-4/22 1055 first noted, // 155 but much stronger
- 209 U.S.S.R., Blagovshensk-4/22 1304 first noted weakly w/RR talk (RT-Ca) //236 (RT-Ca)
- 236 U.S.S.R., Magadan-4/22 1057 noted w/cclas. mx faded up and down All (RT-Ca)
- 245 U.S.S.R., Vladivostok-4/22 1058, clas. mx //236 (RT-Ca)
- 531 AUSTRALIA, Kempsey-2MC vy good o/4XA at 0945 w/pops on 5/7. (PH-Or)
JAPAN, Morioka-300G 4/22 1139 good signal, US Pops, female ancr in JJ at 1145 (RT-Ca)
NEW ZEALAND, Alexandra-4XA, vy good o/u 2MC at 0755 5/7, Otago R. (PH-Or)
UHID, 4/21 1200 w/pops, didn't stick around with everything else (DN-Ca)
- 540 AUSTRALIA, Longreach-4QL, fair o/LPRT w/ABC nx ment at 1056 5/7 (PH-Or)
UHID, 4/21 at 0835 DU sounding ancr, poss. ABC pgm 4QL? (Probably PH) (DH)
- 549 AUSTRALIA, Orange-2CR, good, better than KHVI-550, hrd w/Talks at 1116 on 5/7. (PH-Or)
Also noted 4/21 weakly passing several times after 1000 (DN-Ca)

- 550 HAWAII, Wailuku-KMVI at 0708 4/22 first noted w/ID,wx,pop mx. (RT-Ca)
 558 AUSTRALIA, Atherton-4AM fair mixing w/UNID o/u Fiji s/off at 1101-5/7
 nx, then pops. (PM-Or)
- t AUSTRALIA, Gympie-4GY, noted o/u Fiji 0920 w/pops on 4/21. (DN-Ca)
 (Doug: More likely it was 4AM, as 4GY nulls this way.PM)
 FIJI, Suva-4/21 at 1021 all alone in native lang,easily sep. from KSF0,
 new. (DN-Ca)
- Also noted on 4/17 at 1007 w/coverage of Aussie Cricket match,poor (DPK-Hi)
- 567 AUSTRALIA, Julia Creek-4JK, good o/2YA at 1125 on 5/7,ABC talks.(PM-Or)
 t GUAM, Agana-KGUM 4/21 at 0830 tentative in mess over 2YA w/somewhat MOR
 mx, poor at best,ORM. (DN-Ca) (2YA is more possible at this time, but
 since you def. heard KUAM=612, KGUM is poss. PM)
 NEW ZEALAND, Wellington-2YA at 1007 not // 11960,ORM, 4/17. (DPK-Hi)
- 570 HAWAII, Lihue-KIPO at 1000 on 4/9,noted w/UPI nx,ment of FM. (DPK-Hi)
 576 AUSTRALIA, Sydney-2FC fair w/Opera at 1015 on 5/6 in passing. (PM-Or)
 Also noted 4/21 0827,first noted Aussie of night,weak,but early (DN-Ca)
- 585 UNID, 4/21 early 0647,getting pounded on both sides,sounded Polynesian
 no Aussie or NZ listed, Is KBQW on yet? (Nope, not as of 5/8. I guess
 Paupa/New Guinea in poss, but this is early.PM)
- 590 HAWAII, Honolulu-KSSK, hrd well o/KUGN w/K-59 IDs, wxcast 0730-5/8.(PM-Or)
 594 AUSTRALIA, Horsham -3WV good w/ABC nx at 1000 5/6. (PM-Or)
 UNID, het at 0837, most likely 3WV on 4/21 (DN-Ca)
 UNID, Niue Island?? poss. station u/Aussie w/Pop mx at 0945 on 5/7,since
 reports of WVUV relaying WVUV, this is poss. (PM-Or)
- 603 AUSTRALIA, Hobart-7ZL good w/concert mx at 1011 5/7 (PM-Or)
 UNID, 4/21 at 0840,just barely there, later at 1136 hrd w/light clas.
 mx. 7ZL most likely (DN-Ca)
- 612 AUSTRALIA, Brisbane-4QR fair w/ABC nx at 0901 on 5/7 in passing. (PM-Or)
 Also hrd 4/21 at 1139 on top,holding its own against KFRC. (DN-Ca)
- +++ GUAM, Agana-KUAM 4/21 at 0823 w/pop mx and IDs. American type rock mx
 sounds diff. than Aussie/NZ rr,soon lost in mess. (DN-Ca) (Congrats on
 this, as Guam isn't easy to hear in NA. I heard it a couple years agoPM)
- 621 AUSTRALIA, Melbourne-3AR, presume the clas. mx station in passing at
 1023 on 5/6.(PM-Or)
 TUVALU, poor against KIPA/KGW, but hrd bits of native singing at 0715
 on 5/7. Unneeded, but nice to hear once in a while. (PM-Or)
- 630 AUSTRALIA, Townsville-4QN, fair o/mess on 630 khz ABC talks at 1019 on
 5/7. (PM-Or)
 Also noted at 1015 on 4/20,drama pgm, vy poor (DPK-Hi)
- 639 AUSTRALIA, Crystal Brook-5CK good w/ABC program o/4MS at 1002 on 5/6(PM)
 AUSTRALIA, Mossman-4MS w/ABC nx u/5CK at 1002 on 5/6 (PM-Or)
 UNID, het hrd 4/21 at 1139 sev. poss,prob. 4MS,which hrd before?-(DN-Ca)
- 648 AMERICAN SAMOA, Pago Pago-WVUV hrd 4/21 at 1025 and 1320,later mixing
 w/2NU,poor at best. (DN-Ca)
 Also noted good w/full ID into nx at 1300 4/22 (AWP-Ca)
- AUSTRALIA, Tamworth-2NU fair o/u WVUV at 0915 on 5/7, // 4MS-639 (PM-Or)
 Also noted ABC 3 6 pips u/WVUV at 1300 4/22 (AWP-Ca)
- 650 HAWAII, Honolulu-KORL-at 1020 on 4/13,noted w/carrier instead of SP(DPK)
 657 AUSTRALIA, Byrock-2BY good // 2NU in passing,ABC program at 1003-5/7 (PM)
 Also noted 4/22 at 1318 good signal on top of channel w/piano mx jazz
 mx // 702 2BL (RT-Ca)
- Also noted 4/21 at 1025 weakly then at 1316 w/jazz, and great sigs (DN-Ca)
 NEW ZEALAND, Wellington-2YC 4/22 at 0641 in well at early time w/usual
 clas. mx //882 (RT-Ca)
- 666 NORTH KOREA, Kangnam 4/22 at 1308 faded up w/KK banter,faded away (RT-Ca)
 AUSTRALIA, Canberra-2CN, finally hrd after Noumea s/off after 1002 on
 5/7, noted w/ABC talks // 702 at the time. New 2 KW (PM-Or)
 UNID, hrd 4/21 in and out during the night,weak at 1142 and 1315, the
 latter it sure sounded ABC, prob. 2CN, are they here? (DN-Ca) (Yep, as
 of a couple months back, but seem to be weak in Aussie and NZ land with
 lots of ORM from Noumea. PM)
- 675 AUSTRALIA, Albury-2CO hrd // 2NU at 0957 w/wxcast before pips on hour,
 into nx 5/7 (PM-Or)
 UNID, het at 0955, sev. poss. w/2CO most likely, hrd here before. Has
 2KP and 2CO changed freq.s? (DN-Ca) (Nope, 2CO there as 5/7.PM)
- 684 AUSTRALIA, Kempsey-2KP hrd // 2CO at 1004, ABC nx 5/7 (PM-Or)
 UNID, het w/bits of audio,next to KNBR,noted best at 1142, 4/21. (DN-Ca)
- 693 UNID, weak C&W song noted here next to 690 splash at 1019 on 5/7, but
 too weak to hear well enough, prob. 4KQ, which nulls this direction,
 hrd briefly back in 1980. (PM-Or)
- 702 AUSTRALIA, Sydney-2BL hrd "like it was across the street" all AM on
 5/7, Jazz and Talks. (PM-Or)
 Also noted in passing at 1230, weak (DN-Ca)
 Also noted at 1147 w/exc. signal,MOR ez1 mx male DJ (RT-Ca)
 JAPAN, 4/22 at 1241, JJ talk,good (RT-Ca)

- 711 AUSTRALIA, Launceston-7NT fair o/u 40W w/wx at 1058 on 5/7, Hobart, Launceston areas. (PM-Or)
AUSTRALIA, St. George-40W, hrd w/reg. ABC type programs mixing w/7NT at 1053 on 5/7. (PM-Or)
- 720 AUSTRALIA, Atherton-4AT, hrd // 40W-711 in passing at 1054-5/7 (PM-Or)
 t NEW ZEALAND, Invercargill-4YZ, presume the source of the e21 station under 4AT at 1054-5/7 (PM-Or)
- 729 AUSTRALIA, Adelaide-5CL-fair w/clas. mx at 1118 on 5/7 in passing (PM-Or)
 Also noted in passing at 1230 on 4/21 (DH-Ca)
 Also noted 4/22 at 1305, good signal ABC nx, then nx for S. Australia (RT)
- 738 AUSTRALIA, Grafton-2NR, good w/ABC talks in passing at 0925-5/7 (PM-Or)
 Also noted 4/21 blasting in like a local at 1200, with ABC nx (DH-Ca)
 Also noted 4/22 at 1153 exc. signal (RT-Ca)
- 747 AUSTRALIA, Toowoomba-40S 4/22 at 1256 in strong o/JJ w/piano mx // 837 (RT)
JAPAN, Sapporo-JOIB 4/22 1109 super strong, YL anc in JJ (RT-Ca)
NEW ZEALAND, Greymouth-3ZA, good o/Aussie 40S w/National pgm // 756 on 5/7, all AM, noted several times in passing. (PM-Or)
- 756 NEW ZEALAND, Auckland-1YA-w/National pgm, // 747 in passing 5/7, AM (PM-Or)
 Also noted good w/e21 mx at 0801 4/22 (AWP-Ca)
 Also noted 4/22 at 0802, armchair level w/e21 mx (RT-Ca)
- 765 AUSTRALIA, Bega-2BE, good 4/21 after SR at 1335-1400, Had to delay taking down antennas for over 15 minutes to get ID on hour, had been light for over an hour (DN-Ca)
 Also noted from 1329-1353 w/new wave mx in well, ann. every few min. including wxcast, clear ID finally "2-B-E" (RT-Ca)
NEW ZEALAND, Hastings-2ZK o/presumed 2BE (rr mx), IDs now as "77-ZK (Zed K) commercial station, rr mx, vy strong all night 5/7 (PM-Or)
- 774 AUSTRALIA/FIJI, mixing here at 0930 5/7 (PM-Or)
UHID, weak signals hetting AH 4/22 (DH-Ca)
- 783 AUSTRALIA, Katoomba-2KA, good at times w/pop mx all alone, apparently 2YB wasn't on at 1009 on 5/6, "2KA IDs. (PM-Or)
- 792 AUSTRALIA, Brisbane-40G, good AH 5/7, clas. mx (PM-Or)
 Also noted 4/21 1000 and all night, best ever hrd them (DN-Ca)
- 801 t NEW ZEALAND, Nelson-2XL poss. Organ mx hrd at 1158 5/7, but too much slop to hear any talking. 3rd time hrd organ mx here unid. (PM-Or)
UHID, 4/21 at 1244, tent. reception of KTWG?? rel pgm, def. 801 (DH-Ca) (2XL also possible. PH)
- 811+ FIJI, here w/weak native talk at 0840, hetting against KGO-810, this one often causes a het on KGO here when cx are good on 5/7. (PM-Or)
- 819 AUSTRALIA/NEW ZEALAND, both mixing here AH 5/7 (PM-Or)
NEW ZEALAND, Rotorua-1YZ 4/21 Killing WBAP all night (DH-Ca)
UHID, 4/22 1309 signal in well, soft mx, prob. NZ (RT-Ca)
- 828 AUSTRALIA/NEW ZEALAND 4/21 noted 2XS early and 3GI later, both times while just passing (DN-Ca)
AUSTRALIA, Sale-3GI 4/22 at 1210 w/nx from ABC, on top (RT-Ca)
NEW ZEALAND, Palmerston North-2XS, good w/pops o/Aussie at 0935 5/7 (PM-Or)
- 830 HAWAII, Honolulu-KIKI, first noted Hawaiian at 0430 4/21, when talking about beautiful sunset. (DH-Ca)
 Also noted outstanding signal, like it was next door!!! 0700 4/22 (AWP)
- 837 AUSTRALIA, Rockhampton-4RK, 4/22 1212 nx then "quarter past 10" IC, then piano mx (RT-Ca)
NEW ZEALAND, 4/21 weak to moderate most of night, good for 2KW (DH-Ca)
AUSTRALIA/NEW ZEALAND, both mixing here AH 5/7 (PM-Or)
- 846 AUSTRALIA, Canberra-2CY, vy strong AH 5/7, much better than 2KW 2CH on 666 KHZ, but 2CY is 10 KW, some Kiribati QRM before 1000. (PM-Or)
 Also noted 4/22 at 1245 clas. mx, news at 1300 (RT-Ca)
KIRIBATI, Tarawa-4/22 at 0732 in like gangbusters w/usual polynesian pgm strong. (RT-Ca)
 Also noted 4/21 good w/native pgm at 0730, then 2CY good later at 1300 (DN)
- 850 HAWAII, Hilo-KHLO-4/22 fighting KOA, pop mx at 0715 (RT-Ca)
- 855 AUSTRALIA, Maryborough/Eidsvoid-4QB/400 good // 837 0842 5/7 (PM-Or)
 Also noted 4/21 weak signal after 1100 in passing (DH-Ca)
- 864 AUSTRALIA, Hobart-7HO, heard fair w/4GR/4ZA QRM, shotgun jingles "7HO" This one is the strongest and most reg. of Tasmanian stations. They sure get out for 2 KW, at 1117 on 5/6. (PM-Or)
AUSTRALIA/NEW ZEALAND, 4/21 7HO and 4ZA battling it out in passing (DH)
- 870 HAWAII, Honolulu-KAII, good around 0700-4/22 (AWP-Ca)
 Also noted 4/22 0529, rel pgm slogan "The Lords Radio Station" (RT-Ca)
- 873 AUSTRALIA, Sydney-2GB, vy good AH w/tele show 5/7 (PM-Or)
 Also noted 4/21 vy good sigs, nx sports at 1302, better than normal (DH)
 Also noted 4/22, crystal clear signal, talk (RT-Ca)
JAPAN, Kumamoto-JOGB 4/22 at 1206 on top of channel w/JJ talk (RT-Ca)
NEW ZEALAND, Ashburton, fair w/IC in passing u/2GB at 0926 on 5/6 (PM-Or)

- 882 AUSTRALIA, Brisbane-4BH-4CD w/MOR mx o/u LYC and UNID (3YB?) at 1140 on 5/7 (PM-Or)
 Also noted mixing with LYC at 0900 4/22 (AWP-Ca)
 Also noted w/LYC on 4/21, LYC on top most of the time (DN-Ca)
NEW ZEALAND, Auckland-1YC, mixing w/4BH, 6 pips on the hour, 0900 4/22 (AWP)
 Also noted LYC in well w/clas. mx at 0749 on 4/22 (RT-Ca)
- 891 NEW ZEALAND, Wellington-2XW Radio Windy good o/5AN most of the night,
 First noted at 0645 on 5/7 (PM-Or)
 UNID, 4/21 mess AN as usual (DN-Ca)
- 900 t NEW ZEALAND?, Dunedin-4YC poss. w/clas. mx way under KHUI/CJVI at 0911 on 5/7, but too much QRM to tell. (PM-Or)
- 909 UNID, Def. het here nothing listed, with A Index at 17 and major solar Flare this day, nothing heard from North Asia, Any ideas? (DN-Ca) (poss. an Indonesian, or from SE Asia?? PM)
- 918 NEW ZEALAND, Greymouth-3YZ, here in passing, fair signal at 0908-5/7 (PH)
- 927 AUSTRALIA, Gladstone-4CD, hrd w/TC and C&W tune at 1140 on 5/6, lots on 920-930 slop, unneeded but nice to hear. Also sounded like Pop mx way behind, either WZ of 3UZ. (PM-Or)
- 936 FIJI, Sigatoka-noted first as het at 0842, then weak sigs at 0946 (DN-Ca)
AUSTRALIA, Hobart-7ZR, fair w/light mx o/ unid rr station, presumed 4AY, seemed // to 2BL, but when tuned back, had faded at 1013 on 5/6 (PM-Or)
- 945 UNID, weak C&W mx at 1245 on 5/3, poss. 3B0?? (PM-Or)
 UNID, 4/21, never hrd anything, trying for H4B (DN-Ca)
- 954 AUSTRALIA, Sydney-2UE-good w/Sports and racing results at 1015 on 5/6 in passing. Hrd unid rr under, poss. 1XW? (PM-Or)
NEW ZEALAND, Hamilton-1XW, 4/21 at 0850 fair sigs, unneeded, but nice to hear (DN-Ca)
- 963 NEW ZEALAND, Christchurch-3YC 4/21 noted w/bits of Concert pgm at 1130, vy weak, CE in vl says average modulation is 10%. I hear YCs are numbered soon to be on FM (DN-Ca) (Yes, I hear they are supposed to move soon. Also 1XW-954 is supposed to move soon to FM. PM)
- 972 UNID, weak pop mx at 1212 on 5/6, in passing, but too much slop (PM-Or)
- 981 NEW ZEALAND, Kaihoke-1YE hrd // 837 at 0821, but alot on 980 slop, clas. piano mx on 5/7 (PM-Or)
- 990 HAWAII, Honolulu-KHVV-quite good w/nx in passing at 0701 on 5/7 (PM-Or)
- 999 AUSTRALIA, Broken Hill-2NB, talks on history of ?? u/2ST at 1010 on 5/7, KOMO off, carrier on and off. Unneeded but nice to hear (PM-Or)
AUSTRALIA, Nowra-2ST holding down the freq., not giving 2NB much of a chance most of the time, 2ST IDs and more pops at 1011-5/7 (PM-Or)
- 1008 AUSTRALIA, Brisbane-4IO, briefly o/1ZD at 0950 on 5/7, Radio 10 IDs and heavy rr, noted again at 1218-5/7. (PM-Or)
NEW ZEALAND, Tauranga-1ZD-4/21 heard as always, but weaker (DN-Ca)
- 1017 AUSTRALIA, Sydney-2KY-vy good all night w/talk and pops, racing 5/7 (PM)
TONGA, A3Z hrd early at 0900, but poor signals, 2KY noted later also with poor signals. (DN-Ca)
- 1026 AUSTRALIA, Mackay-4MK, vy strong as normal, but this time getting some 3DB QRM. Haven't hrd 3DB for a couple of years, quick "DB" ID into Rolling Stones mx at 1219 on 5/6. (PM-Or)
NEW ZEALAND, 1ZK/1ZN 4/21 on top in passing (DN-Ca)
- 1035 NEW ZEALAND, Wellington-3ZB-strong AN 5/7 (PM-Or)
 Also noted 4/21 thru Solomon Is fair/poor (DN-Ca)
 Also fair w/rr at 0925 4/22 (AWP-Ca)
- 1040 SOLOMON ISLANDS, H4B1 at 1000 ID 4/22, then Australia ment. Good (RT-Ca)
- 1044 HAWAII, Honolulu-KIFH, 4/21 noted w/rel. pgm vy weak at 0530 (DN-Ca)
 Also noted 4/22 at 0929 call letter ID (RT-Ca)
NEW ZEALAND, Dunedin-4ZB, good AN 5/6 and 5/7 (PM-Or)
 Also noted 4/21, but weaker than normal (DN-Ca)
- t Also noted, 4/22 1233 EE ancr ment Otago, good signal, slop KOFY-1050 (RT)
- 1053 NEW ZEALAND, New Plymouth-2ZP good AN 5/7 w/Tonight Show pops (PM-Or)
 Also noted 4/21 weak, however this one tough for me. (DN-Ca)
- 1062 UNID, weak mx here, but too much slop to tell at 0909 5/7 (PM-Or)
- 1071 UNID, Presume 3CV, brief Pop mx in KNX het and slop at 1049-5/6 (PM-Or)
 UNID, het vy strong, poss. 3CV (DN-Ca)
- 1080 HAWAII, Honolulu-KZHI, at 1006, noted w/fac instead of SP, so long WSZO-1098, on 4/9. (DPK-Hi) (I just wish WSZO would QSL. PM)
- 1089 UNID, vy weak audio at 0735 on 5/7, poss. Fiji here?, as they are reported in Aussieland at 0800 s/off new freq. (PM-Or)
- 1098 NEW ZEALAND, Christchurch-3ZB here good w/Tonight show rr mx at 1141 on 5/6 in passing (PM-Or)
- 1107 AUSTRALIA, Sydney-2UV, fair w/pop mx and TC at 1212 on 5/6, 4BC=1116 much stronger. (PM-Or)
- 1116 AUSTRALIA, Brisbane-4BC, vy strong w/rr mx "4-B-C" jingles, spots at 1139 on 5/6 (PM-Or)
- 1125 UNID, vy weak signal here at 0935 on 5/7 (PM-Or)

- 1130 HAWAII, Kailua-KLEI at 1038, noted w/carrier instead of SP 4/8 (DPK-Hi)
- 1134 NEW ZEALAND, fair in passing at 1116 on 5/7 (PM-Or)
- 1143 AUSTRALIA, Emerald-4HI, good o/UNID (either NZ or 2HD), w/Pop mx and ment. of the "Highlands" TC, this station is in connection with 4LG-1098, at 1215 on 5/6. Both unneeded, but nice to hear. (PM-Or)
- 1152 AUSTRALIA/NEW ZEALAND, both mixing here in passing at 1107 on 5/6 (PM-Or)
- 1161 NEW ZEALAND, Wellington-2ZH-here poorly w/KSL slop, noted "Z-M" ID into rr mx at 0756 on 5/7. (PM-Or)
- 1170 HAWAII, Honolulu-KOHO at 1039 on 4/8, noted with carrier, no SP (DPK-Hi)
- 1179t AUSTRALIA, Melbourne-3KZ, weak rr station here, but too much splash, at 0840 on 5/8. 3KZ unneeded. (PM-Or)
- 1186 WALLIS ISLAND, Uvea-FR3 hrd weakly in KEX slop, native talking briefly in passing at 0835 on 5/7 (PM-Or)
- 1197 NEW ZEALAND, Wangunei -2ZW, good w/Tonight Show pops in passing at 0858 on 5/7 (PM-Or)
- 1206 AUSTRALIA, Grafton-2GF - vy good w/C&W mx 5/6 o/4X0 at 1229 (PM-Or)
Also noted 4/21 my DU barometer, was only moderate this night (DN-Ca)
- 1215 NEW ZEALAND, Kaihoke-1ZE, fair in 1220 slop at 0837-5/6, Tonight Show(PH)
Also noted 4/21, in passing several times (DN-Ca)
- 1224 AUSTRALIA, Sydney-2WS-poor w/Jazz mx QRM (Marshall Is?), 2WS talking about vacation, but lost to slop at 1050 on 5/6. (PM-Or)
Also noted quite well passed freq. several times 4/21. (DN-Ca)
- t SOUTH KOREA?, KBS, at 1100 4/10, poss. nx in KK (DPK-Hi)
- 1233 AUSTRALIA, New Castle-2NC, Clas. mx noted in passing several times 5/6(PH)
- 1242 UNID, pop mx weakly here at 1247 on 5/6 (PM-Or)
- 1251 UNID here w/weak ?? most night 5/6 (PM-Or)
- 1269t AUSTRALIA, Sydney-2SM-presume the weak Pop mx in passing at 1141-5/6 (PM)
- 1278 UNID, poss. NZ here at several times passing on 5/7 (PM-Or)
- 1287 AUSTRALIA, Tamworth-2TM, good signal most of the night on 5/7 "2TM" IDs, spots, unneeded but nice to hear. (PM-Or)
- 1296t AUSTRALIA/ NEW ZEALAND, presume the source of pop mx stations AN (PM-Or)
- 1314 AUSTRALIA, Wollongong-2WL, good at 1221 on 5/7 w/rr mx "2WL TC" (PM-Or)
UNID, het here 4/21 (DN-Ca)
- 1323 UNID, het here 4/21 (DN-Ca)
- 1332 UNID, weak MOR mx several times, prob. 1X1 on 5/7 (PM-Or)
UNID, prob. 1X1 on 4/21 (DN-Ca)
- 1341t AUSTRALIA, Newcastle-2NX, prob. the Pop mx station here, noted best at 1233, 2K0-1413 was quite good at the time, 5/7 (PM-Or)
- 1359 UNID, het here on 5/7 at 1235 (PM-Or)
- 1368 UNID, weak MOR mx briefly at 1229 5/7 (PM-Or)
- 1377 UNID, het here 5/7 (PM-Or)
- 1386t AUSTRALIA, Sydney-2EA-fair with East-European language program at 1153 on 5/6. Unneeded but nice to hear. (PM-Or)
- 1395 AUSTRALIA, Lithgow-2LT 4/21 at 1250 weak but readable, unneeded but nice to hear again, real toughie. (DN-Ca)
- 1404 WESTERN SAHOA, Apia-2AP fair w/native singing 0945 4/22 (AWP-Ca)
Also noted in passing near 0900 5/7, native talk (PM-Or)
UNID, hets here, prob. 2AP/2PK (DN-Ca)
- 1413 AUSTRALIA, Newcastle-2K0, coming in from 1100-1245 UTC off and on like a local, fantastic signal, pop mx IDs, etc. (PM-Or)
Also noted good to fair w/wx item on Alice Springs 1003-4/22 (AWP-Ca)
- 1422 UNID, weak music here off and on 5/7 (PM-Or)
- 1431 AUSTRALIA, Wollongong-2WH-fair w/ABC program ABC3 net at 0957 on 5/6,-
Lost to slop soon, but hrd again near 1100 (PM-Or)
- 1449 UNID, het here AN 5/7 (PM-Or)
- 1458 UNID, weak Pop mx off and on 5/7 AN, prob. 3YW (PM-Or)
- 1467 FIJI, Rakiraki-hrd weak Island mx in passing-5/7 (PM-Or)
- 1476 NEW ZEALAND/ AUSTRALIA, 1XA "Radio Hauraki" vy good AN 5/7 w/rr mx, by the way, they have a new QSL card, if you hear them, they are a good verifier. (PM-Or)
Also noted 4/21 in and out vy poor signals all night. (DN-Ca)
- 1485 AUSTRALIA, ABC 3 station here w/pips at 1200 5/6 and 5/7, but no audio would come through, poss. 2LG-Lithgow-200 watts, ABC3. This one is right on the coast, and have heard 2EA here in 1979. Will keep trying. (PM-Or)
Also noted het here 4/21 1033, boy I sure would like to hear something here. (DN-Ca)
- 1494 UNID, het here AN 5/6 and 5/7 (PM-Or)
- 1503 AUSTRALIA, Melbourne, 3AK in and out 5/7 EZL mx, some flutter, presume NZ under (PM-Or)
- 1512 AUSTRALIA, Newcastle-2NA, good most of the night 5/6 and 5/7, with ABC program, Jazz. (PM-Or)
- 1521 UNID, tried off and on, but could only pull a loud het 5/7 (PM-Or)
- 1530 AUSTRALIA/ NEW ZEALAND, here mixing, both w/pops during the SP of KFBK, both unneeded.

- 539 UNID, het noted here all night 5/7 (PM-Or)
- 548 AUSTRALIA, Emerald-4QD, noted several times with class. mx. This sure doesn't have the signal they did on 1550 for some reason. Of course there is alot more QRM and QRN around these days. (PM-Or)
- 1557 AUSTRALIA/NEW ZEALAND-2RE/2ZH, here mixing AN 5/7, passing many times (PM)
- 1566 AUSTRALIA, Wangaretta-3NE noted well at 1155 on 5/7, w/C&W mx and 3NE ID, something about Victoria, also. Haven't hrd this for a while. (PM)
- 1575 AUSTRALIA, Wollongong-200 "2-Double 0" hrd well AN 5/6 and 5/7 (PM)
- 1584 UNID, weak hets here AN 5/7
- 1593 NEW ZEALAND, Auckland-1XP-Radio Pacific, here noted most of the night with talk on 5/6 and 5/7 (PM-Or)
- 1602 UNID, het here noted off and on 5/7 (PM-Or)
- 1615 NEW ZEALAND, Ohura, radiobeacon "OR" in fair 1055 4-22 (AWP-Ca)
- 1620+ AUSTRALIA, Brisbane--4RPH, hrd w/ talks by OM and YL off and on from 1120 to after 1200 s/off, noted "Love will Keep us Together" by Cap. and Tennelle at 1145, taped-500 watts. New. reported, hrd full ID freq, power, s/off at 1203 on 5/7. Now I have 2RPH, 4RPH, and 7RPH, plus VL2VU-1750 and 1692 KHZ. (PM-Or)
- t AUSTRALIA, Hobart-7RPH, presume the source of the unid Pop mx under 4RPH, during a fade, unneeded, so didn't pay much attention, at 1151 on 5/7. (PM-Or)
- 1629+ AUSTRALIA, Sydney-2RPH-hrd very well at 1201 w/ID twice, during fade down of 4RPH, caught one ID on tape w/power 500 watts on 5/7. Unneeded but very nice to hear again. (PM-Or)
- AUSTRALIA, Sydney-2RPH hrd weak/muddy signals but steady from 1040 to 1200, woman reading most of the time, but hrd man once. new, assume this wasn't 3RPH due to hours of operation? (DN-Ca) (I believe 3RPH is mainly on during the day? PM)
- Also noted poor w/mushy audio, talk in EE 1050-4/22, QRM from beacons(AWP)
- Also noted 4/22 at 1044 at 1127 vy weak, a stocker with 500 watts!(RT-Ca)
- 1689 PAUPA/NEW GUINEA, Mt. Hagen-Radiobeacon "MH" in fair 1117-4/22 (AWP-Ca)
- 1692t AUSTRALIA, Kensington University-VL2VU, presume the source of a man talking at 1156 on 5/7, in passing. much weaker than 1620 or 1629, but there. (PM-Or)
- 1700 UNID, weak het here, poss. USSR at 1210-5/7 (PM-Or)
- 1720 UNID, weak het here, poss. translator of VL2VU-200 watts, 1212-5/7(PM-Or)

This must be the first column I've typed that only a couple freq. in the 9KHZ plan wasn't heard, like 1260 and 1440 KHZ. It looks like there might be hope for the future of Foreign MW DX on the coast!

THANKS TO THESE REPORTERS: (FANTASTIC!!!!!!)

- DN-Ca Doug Nyholm-2071 Cedar Street-San Carlos, California 94070
DXing at Ano Nuevo Point, California, 3 bev. one at 100 degrees 1400 feet long, one at 220 degrees and 1250 feet long, and one at 240 degrees also 1250 feet long-DU bev. were terminated with a 500 ohm rest. 100 degree wire interm. FRG-7000
- AWP-Ca Art Peterson-851 31st Street-Richmond, California 94804
DXing at Ano Nuevo Point with FRC-7
- RT-Ca Rich Toebe-2388 American Avenue-Hayward, California 94545
DXing at Ano Nuevo Point, with Grundig 3400.
- DPK-Hi Dale Park-2253 Kanealii Avenue-Honolulu, Hawaii 96813
Sony receiver
- RW-Ca Robert Wien-1309 Dentwood Drive-San Jose, California 95118
GE Super Radio, GE TRF ca. 1962, SM-2 loop
- PM-Or Yer editor
SP-6003X, (2) East 1500 foot bev, (1) term 200' NE Longwire(DUs)
Ground system.



RADIO 174 TOWNSVILLE...
4TO

DX WW II

EDITED BY
PETER V. TAYLOR
2614 JACKSON STREET
SAN FRANCISCO, CA. 94115

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

CHINA - Beijing PBS-1-828 is on 2120-0540, 0750-1500; P2-927 is on 2250-2300, 0720-1610; P3-1026 is on 2200-0050, 0055-0600(Th), 0055-0750 (ex.Th), 1045-1600. EE LL 2200-2230. P4-1476 is on 2200-0600, 0830-1430 with fgn. language lessons (H. Nagase, ABI, via FERC). (P4 is now reportedly on 1251-PT). **Jinzhou** PBS-666 is on 2125-0100 (M-Sat), 2125-0200 (Su), 0325-0545 (M-Sa), 0325-0645 (Su), 0920-1400 (ex-Sa), 0920-0430 (Sa). EE LL 2130-2200, 0515-0545, 0930-1000 M-Sat; 0515-0645 Sun. Relays LN PBS 1100-1120. **Bengbu** PBS-1485 is on 2120-2400 (M-Sa), 2120-0100 (Su), 0235-0500, 0925-1310. Relays AH PBS 2130-2200, 2220-2230, 1000-1030, 1100-1120 (T. Gima, ABI, via FERC).

FIJI - New outlet on 1089 observed; in Hindustani (R. Chambers, DXA). (Naula Rewa listed; 10kw - PT).

IRAQ - What is believed to be systematic Iraqi jamming of Iranian transmitters is being carried out on 540 558 720 765 963 990 and 1555kHz; Syrian transmissions on 666 783 and 828 are also being jammed (Adrian Peterson, AWR-Asia via SCDX). "The Voice of Arab Syria" (hostile to Assad govt.) on 1035/1116 now IDs as "Radio of the National Alliance for the Liberation of Syria" (Adha'at at-Tahaluf al-Watani Litahrir Suriya). It is also heard on 1377kHz (BBC)

IRAQ/CYPRUS - Iraq now appears to be jamming the BBC's AA service from Zakaki on 720. Typical Iraqi bubble-jammer noted on 720 until just after BBC s/off 2000, when it also leaves the air. Same type of jammer noted on top of BBC SW frequency (15180) (REW).

JAPAN - JOBW-1107 Hikone (KBS Kyoto) is now on 1215 (Y. Kato, FERC).

NEPAL - R. Nepal 684/792 is on 0020-0350, 0720-1050, 1150-1720 in Nepalese except for EE news 0220-0230 and 1435-1505 (BBC).

RUIE - ZK2ZN-837 Alofi is now on 594 (250w); s/off 0822. Occasionally relays news from R. Australia, RNZ, WVUV, and R. Moscow. ID "R. Sunshine" (Rch, BC, PO, MN in NZDXI).

THAILAND - VofA-1575 now transmits in Thai M-F 1030-1130; Thai & EE Sat. programs have been discontinued. EE is now heard 1230-1330 M-F. Saturday 10 minute broadcasts in Laotian, Cambodian and Vietnamese are now heard two hours later, at 1230, 1240, 1250 respectively (BBC).

VIETNAM - CRIC "Voice of Vietnam"-870/680 is on 2155-0100, 0400-0615, 0900-1530 (Sun. 2155-0615, 0800-1530) (680kHz is also on 1530-1630) (BBC).

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

BELGIUM - RTBF-621 is 80kw (not 220kw as previously reported) (AvE, ARC).

CHAD - RNT-840 (20kw) is on 0500-2100 (-2200 Sat.) in FF, colloquial AA, and local languages. No information available on low power MW outlets in Abeche and Sarh (BBC).

EGYPT - If you haven't been able to find "El Mima" on a map, don't fret; it should read "El Minya" (EBU via BE, ARC).

GREECE - RS Amaliadas is on 1580 (nom. 1584) (EBU via RB, ARC).

GUINEA - Conakry-1404 began playing American, African, and Latin American popular music for the first time in recent memory on April 5; previous fare was limited to traditional and popular Guinean music (BBC).

IRELAND - Popular pirate Radio Nova is to close down. It has had some problems: (1) jamming by the Irish telecommunications authorities; (2) the pirating of its signal by two other pirates, who relayed Nova but inserted their own commercials; (3) equipment seizure by authorities; (4) a back tax bill for US\$180,000. Staff members have been given dismissal notices, but at last report, it was still on the air (C. McCarthy via SCDX).

JIBUTI - RTD-1170 is in FF 0300-0430 and 0500-0700 Sa-Th; 0900-1100 and 1500-1700 every day; and AA 0700-0900. RTD-1538 is in Somali 1130-1300, 1600-1730, and Sa-Th 0300-0430 and 0700-0900; AA 0600-0800 and 1300-1600; Afar 0900-1100, 1730-1900, plus Sa-Th 0430-0600, and Fri. 0500-0700 (BBC).

LEBANON - "Voice of the Arab Revolution" continues to vary; the latest frequency is 1387. VOP/VPR-1504 (hostile to Arafat) is on from 1500-1700 (ex 1700-1900). Radio Lebanon-989/835 is on 0400-2330 in AA except for news in FF 0505-0520, 1105-1120, 1605-1620, and in EE 1505-1520. Voice of the Mountain-1080 is going from 25kw to 50kw (BBC). (GP lists Khorixas-594 100kw (DA 240 deg.) and Runtu-747 100kw (DA 180 deg.); I haven't seen anything on a power increase - PT).

NAMIBIA - Tsumeb-594 and Gobabis-747 are reportedly 2 megawatts (IRI via VMWN). (GP lists Khorixas-594 100kw (DA 240 deg.) and Runtu-747 100kw (DA 180 deg.); I haven't seen anything on a power increase - PT).

NETHERLANDS - R. Esmerelda-1326 is on Sa/Su from 0000-?? Address: Postbus 14, NL-7040 AC Heerenberg (KDKC via VMWN).

POLAND - To those of you who have been following this, it should come as no surprise that on Dec. 10, PTT1-1197 and PTT2-1296 opened... (EBU via RB, ARC).

PORTUGAL - RDP M-F local programs: **Braganca-666** 1100-1200, 1700-1900; **Porto-720** 0800-1200, 1600-1800; **Elvas-1331** 1700-1800 + Sa 1600-1800, Su 0900-1200 (IRI via VMWN).

SOMALIA - Mogadishu 693//963 has AA nx 2000-2015; otherwise in Somali (REW). (Richard, BBCMS reports that both Somali and Arabic are "official" languages, and that R. Mogadishu and R. Hargeisa would therefore carry 3 AA news bulletins, a commentary and other features (including music) alongside Somali broadcasts every day - PT).

SUDAN - Sennar-1295 has moved or drifted to 1300, noted from 0400 s/on to 2200 s/off. Appears to be an off-air relay, poorly modulated, and traces of another station, likely Saudi Arabia, are picked up and rebroadcast (REW).

USSR - The Moldavian ID of Kishinev-999 has reverted back to the old "Aici Chisinau" from "Vorbeste Chisinau." The so-called Moldavian language is by most standards a variety of Romanian, which says "Aici..." (here; FF "Ici") rather than "Vorbeste..." (speaking; cf. Russian "Govorit"). This particular attempt to make Moldavian closer to Russian and more distant from Romanian has now been abandoned. 999 is mostly in Moldavian, e.g. at 2000-2030 & 2100-2130 (REW).

YEMEN ARAB REPUBLIC - Mocha-716 has moved to 711//981 Sana'a (REW).

YUGOSLAVIA - The new 1200kw XR on 1134kHz near Zadar in Croatia was scheduled to start testing May 15th. It will carry P1 when RS begins (BBC).

CLANDESTINE - The Polisario Front's R. of the Arabic and Democratic Saharan Republic was observed on 1350kHz by a monitor in the Canary Islands, with no sign of co-channel Nouakchott, Mauritania, with AA til 2100, then SS (J. Bloch, SCDX). (This has previously been heard on 1355-1358v. Nouakchott has yet to be reported on other than 1349, which would have provided a het, unless the XR is Nouakchott - PT).

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

ARGENTINA - LS6-1350, R. Del Pueblo is now called R. Buenos Aires; new address: Avenida Belgrano, 270, 1092-Buenos Aires. Schedule is 0800-0400 (GIB).

CHILE - CD109-1090, R. Minería of Punta Arenas is off because its studios and transmitter have been destroyed (GIB).

COSTA RICA - A cultural and educational station has been officially inaugurated in Los Chiles (northern border) by Princess Nora of Liechtenstein, which donated the equipment. (No freq.-PT). Faro de Caribe-1075 inaugurated repeaters in Limon, Ciudad Quesada and Chomes on March 31; another in Guanacaste province will start soon (no freqs.-PT) (BBC).

NICARAGUA - R. Zinica, Bluefields, Zelaya, is on MW on 1090kHz as per SW ID (6121kHz) (JMW). Radio Sandino-750 ("V. of the vanguard in Indohispanic America") is 24h and all SS except for Miskito program 0200-0230 ("the Atlantic coast presents..."). Newscasts from 0000-0055 (exc. Mon.) and 1200-1300 (exc. Sun.) are also relayed on R. Zinica (above) and R. Insurrection, Matagalpa. Educational programs 1130-1200 and 2330-2400 (exc. Sun.) are networked nationwide (BBC).

VENEZUELA - YVOA-1000 R. Tachira also IDs as R. T Mil (PDX via ARC). YV.-1470 R. Liberacion is on; believed to be in Carupano. YV.-1570 R. Guatire, Guatire, Estado Miranda has been observed (also possibly R. Guariche or R. Guaraguiche) (OF, PK in ARC). YVPF-1190 R. Canima, San Felipe is ex-1290. R. Vision-1480, Alegre, is ex-1450. New are R. Dos Mil-1500, Cumana, and R. Guartapite-1500, Maturin (ASWLC via VMWN).

CLANDESTINE - "V. of Pedro Joaquin Chamorro"-555 (hostile to Nicaraguan government) is supposedly transmitting "next to Radio Corporacion" at 1230, 1830, and 2230 (BBC).

Credits: ABI - Asian Broadcasting Institute. ARC - Arctic Radio Club (Sweden) #24/21. BBC - BBC Monitoring Service (copyrighted) - #s 15-17. BE - Bengt Ericson, Vaxjo, Sweden. DXA - DX Australia #21. FERC - Far East Radio Club #80. GIB - Gabriel Ivan Barrera, Buenos Aires. JMW - John M. Wilkins, Wheat Ridge, CO. NZDXT - N.Z. DX Times, 36/B. REW - Dr. Richard E. Wood, Abha, KSA. SODX - Sweden Calling DXers #s 1781-1784. VMWN - Vienna MW News #60. **NOTE:** Material included herein may be reproduced freely in other DX publications providing credit is given to both IRCA and the originating contributor.



The URSC is a Japanese organization which specializes in USSR DX, and they have published the USSR DXing Handbook. It is 75 pages and very comprehensive, and includes administrative divisions and maps, program charts of All Union Radio, lists of all LW, MW, SW, and FM stations, schedules, and monitoring information. The price is \$US6 (includes airmail postage). Payment should be made by postal money order or direct to the postal GIRO account, "Nagoya O-09087 Keisuke Oda" (not to URSC). The address is URSC, Box 14, Gifu-kita, 502-JAPAN.

The DXer above, John Taylor, age 2 (when this was taken), is seen expressing his amazement at hearing Lord Howe Island on 1494... 73/PT

Slogan List Updater 4

Rich Toebe * 2388 American Avenue * Hayward CA 94545

This is the fourth updater to the Slogans List in the IRCA Almanac. Previous updaters have appeared in the April 16, July 23, and December 31, 1983, issues of DX Monitor. The abbreviations used in this list: (rsw)- replace slogan(s) with; (rp)- remove parentheses; (*)-daytimer; (//)-means station runs parallel to another; (:SS)- station is in Spanish.

- | | | | | | |
|-----|----------|--|-----|----------|--|
| 540 | WGTO-FL | 54 GTO | 730 | WOHS-NC* | 73 Country |
| | KMNX-NM* | Radio 54 | | WLIL-TN* | Your Tennessee Football stn. since 1959 |
| | CJSB-ON | (add) AM Stereo 54 | | KSVN-UT* | (add) K-Gold |
| 550 | KOY-AZ | Arizona's radio station | 740 | KMEO-AZ* | (add) Radio 74, Your stn. for easy listening |
| 560 | KBLU-AZ | (add) Yuma's hottest radio stn. | | KCBS-CA | (add) Radio 74 |
| | WFIL-PA | Philadelphia's first and only AM Stereo station, Famous 56 | | WKIS-FL | (rsw) Newstalk 74 |
| | WHBQ-TN | (rsw) Talkradio | | WSBR-FL* | (rsw) Real Radio 74 |
| 570 | WAAX-AL | (add) Plays the best radio in Gadsden | | KTOX-ID* | (add) Newstalk 74 |
| | KLAC-CA | (add) Your Laker stn. | 750 | KFQD-AK | (add) Stereo 75 |
| | WFLP-FL | Newstalk 57 | | KERR-MT | (add) 7-50 Montana Country |
| | WVMI-MS | (add) 57 Country | 760 | KMTL-AR | The Gospel Giant in religious broadcasting |
| | WSYR-NY | Newsradio 57, Central New York News Leader | | KGU-HI | (add) Newsradio 76 |
| | KLUB-UT | (add) Radio 57 | | WJR-MI | (add) AM Stereo 76 |
| | CKSW-SK | Southwest Radio | 770 | WKZY-FL | AM Stereo 77 |
| | CFWH-YT | CBC Yukon | 780 | WBBO-NC* | Area's most popular music |
| 580 | WTAG-MA | Your Sports Leader for Central New England | | WABS-VA* | Sunlight 7-80 |
| 590 | KLBJ-TX | (add) Newsradio 5-90 | 790 | WNWS-FL | (add) Newstalk 79 |
| 600 | WTAC-MI | (add) AM 6 Hundred | | KKON-HI | Kona Radio |
| | RTBB-TX | (add) Full Service Station | | KGHL-MT | AM Stereo 7-90 |
| 610 | WVAL-VA | (rsw) The Music Station | | WTAR-VA | Your Weather Stn. |
| | CKRW-YT | Radio Whitehorse, CBC Yukon | | WEAU-WI | The Hit Parade |
| 620 | WSUN-FL | (add) Sun Country | 800 | WSVS-VA* | Southside's Voice of Service |
| | KIPA-HI | (add) Hawaiian Country | 810 | KGO-CA | (add) The Power of Information |
| 630 | WKBX-GA | (add) 63-KB | | WDDW-IL* | delete, now WDDD |
| | WPRO-RI | (add) The stn. where the singles mingle | | WDDD-IL* | W triple D, Triple D |
| | KMAC-TX | delete, now KSLR | 840 | KAFE-NM* | (add) Cafe, 8-10 Country |
| | KSLR-TX | Sun Life Radio | | WWAX-AL* | (add) Wax R. |
| | CHED-AB | (rsw) AM Stereo 6-30 Ched | | KSDP-AK | Voice of Shumagan Is. |
| 640 | KFI-CA | (add) AM Stereo for Southern California and Western America, The Amazing AM Stereo | 850 | WHAS-KY | AM Stereo 84, The Big 84 |
| | WMSO-TN | (add) The Christian Alternative, AM 6-40 | | KGOE-CA | (add) Radio 85 |
| 650 | KYAK-AK | Kayak Country | | KOA-CO | (add) Your Weather Stn., AM 85, Newstalk Radio, America's Newstalk Station |
| | WSM-TN | (add) Music Country Network, Radio 6-50 | | WEAT-FL | (add) All News 85 |
| | KIKK-TX* | (add) Country Kick | | WRUF-FL | (add) Fun 85 |
| 660 | WNBC-NY | (add) NBC | | WOZO-NY* | 85-Z, Your Music Connection |
| | WESC-SC* | (add) Big Country | | WJW-OH | AM 8-50 |
| | CFRR-AB | 66 CFR, Radio 66; Calgary Fun Radio, Fresh R., Fabulous R. | | WIVK-TN | delete, now WHIG |
| 670 | KBOI-ID | (add) AM 67 | 860 | KEYH-TX | (add) R. 85 (:SS) |
| 680 | WGNN-GA | (add) All News 68, GNN | | KONO-TX | We play the favorites |
| | KFEQ-MO | AM 68 | | CHAK-NWT | CBC Inuvik, CBC Radio |
| | WKDJ-TN | The all new AM 6-80 | | XEZOL-MX | 86 Rock (:EE) |
| 690 | KVOI-AZ* | Greatest music this side of heaven, Joy 6-90 | 870 | WWL-LA | (add) Newsradio 87, Station of the Saints |
| | KKUA-HI | (rsw) Your Rainbow Connection | | KAAN-MO* | Regional R. |
| | WTIX-LA | (add) TIX | | KJIM-TX* | delete, now KFJZ |
| | KRCO-OR* | (add) Jefferson and Cook County's #1 Radio Station | 880 | KORD-WA | (add) Big Country 87 |
| 700 | KGRV-OR | God's Radio Voice | | WRRZ-NC* | Total Radio |
| 710 | KIRO-WA | (rsw) Cairo Newsradio | 900 | WWJD-GA* | Walk With Jesus Daily |
| 730 | WJMN-AL* | Limestone County's best music, Stereo Country AM 73 | | KNUI-HI | (add) Maui's K-900 |
| | | | 910 | KJJJ-AZ | (add) KJ-AM |
| | | | | WBRJ-OH* | 91 BRJ |
| | | | 920 | KQEO-NM | Your Oldies Stn. |
| | | | | KYST-TX | delete all slogans |
| | | | | WMMN-WV | Holiday Radio |
| | | | | WOKY-WI | (add) Sunny 9-20 |
| | | | | CKCQ-BC | (add) Radio Cariboo |

920 CFRY-MB (add) C-Fry
 930 WMYL-NY* AM 9-30 and FM 105
 WCNT-WV (add) The New Country
 CKNS-ON (add) North Shore Radio
 940 KNST-AZ (add) Newstalk 9-40
 WINS-FL (add) 94 News
 WLVN-MI* (add) AM 9-40
 CBM-PQ CBC Radio Montreal 9-40
 CJGX-SK Unrock 94
 950 KIMN-CO (add) AM 95
 KKIK-ID* (add) The New 9-50, Kick
 KLIK-MO 95 Country
 960 WJCM-FL* Music of Your Life
 WSBT-IN (add) The soft hits you like
 WHYL-PA* (add) The stn. that plays the
 most country music
 CFAC-AB (rsw) 9-60 Radio
 970 KPVA-HI The New 97
 KAKC-OK (add) Radio 9-70
 KYTE-OR (rsw) Music of Your Life
 KREM-WA delete, now KLHT
 KLHT-WA K-Light
 980 KFWJ-AZ* Mojave County's most listened
 to station
 WRC-DC delete, now WWRG
 WWRG-DC 98 WRC
 990 WNYR-NY (add) Country air 24 hrs. a
 day, R. 9-90
 KNIN-TX delete, now KGTM
 1000 WIQT-NY* The Q
 KTOK-OK (add) Oklahoma R., Your #1
 Sports stn.
 KOMO-WA (rp) Ko-mo, (add) AM Stereo
 1000
 1010 KXEG-AZ (add) Praise 100
 1020 KDKA-PA KD
 1030 KHOG-AR K-Hog, Hog Country, AM 10-30
 WBEZ-MA (rp) BZ, (add) Group W
 KBHM-MO* Suburban 10-30 Radio
 1040 KPOT-HI delete, now KIFH
 KIFH-HI Your Inspiration for Hawaii
 1060 WTPP-MA* Talk of the Suburbs, Touch
 Talk 10-60
 1070 WAPI-AL AM 10-70
 KFDI-KS* Radio Ranch
 WDIA-TN Your Good Time Stn.
 WJKK-WV* (add) WJ double K
 WTSO-WI (add) Madison's Leader
 CKST-AB 10-70 Radio
 CFAX-BC (add) C-Fax AM Stereo
 WCII-KY (add) AM 10-80
 1090 KING-WA (add) K 10-90
 1100 KFAX-CA (add) Inspiration Radio at 11
 Hundred AM
 1110 KPIP-CA now KRCC- same slogans
 WTIS-FL* Inspirational R. in Tampa Bay
 1120 WUST-DC* Classic Gospel R.
 1130 WMGA-GA Newsradio 11-30
 KBMR-ND* (add) Dakota Country, Country
 11
 1140 WQBA-FL (add) La Cubanissima (:SS)
 WKCM-KY move to 1160 kHz
 KBZY-PA* AM 11-40
 KMBZ-WY* We're the best, AM 11-40
 1150 KASM-MN* Your Farm Information Stn.
 KDEF-NM Music of Your Life
 WYNS-PA Y-115
 WAYY-WI* (add) Unforgettable
 CHSJ-NB AM Stereo 11-50
 1160 WKCM-KY (add) Sports Voice of the Ohio
 Valley, Great Country
 1170 WRIT-CT* (add) AM 11-70
 WKAX-SC* Your place in the country
 1180 KWSO-CA delete, now KERI
 KERI-CA Kerry, Your California Sun-
 shine station
 1190 KRDS-AZ (add) The Love Station
 KNWZ-CA delete, now KEZY
 WGKA-GA* Atlanta's fine arts station
 WWOV-IN (rp) Wo-wo
 1200 KFNW-ND Northwestern College Radio
 1210 WILY-IL* Wily, Your radio station
 KASY-WA The new Casey, Radio Casey,
 Casey AM 12-10, Casey 12-10
 1220 KIBE-CA* delete, now KDFC
 KDFC-CA* same slogans as ex-KIBE
 KASY-WA* move to 1210 kHz
 1230 KFLL-AZ Your Christian station for
 the Valley of the Sun
 Radio 12-30
 KWG-CA
 KDOV-OR K-Dove (ex-1350 kHz)
 KTDO-OR (add) The News Authority
 WEEEX-PA (add) Double E Country Lovin'
 CJLW-AB Clear Country, Radio LW
 CKQR-BC QR
 1240 WWCO-CT (add) 12-40 CO, Super CO,
 The Air Force
 Country 12-40
 KJCY-ID
 WMFG-MN Where You Hear The Most Music
 WBAX-PA The radio station of the
 stars
 KTAM-TX Central Texas' first AM
 Stereo
 WROV-VA (add) Roanoke Valley's radio
 station
 1250 WTCX-MI* Serving the Tri-cities from
 Bay City
 WKBR-NH AM 12-50
 KUKA-TX delete, now KVAR
 1260 KOIT-CA (add) The music that's nice
 and easy every time
 KWHK-KS 12-60 HK
 KPOW-WY (add) The station with spirit
 1270 KROI-INV delete, now KORY
 KORY-NV Cory, Your Oldies Stn.
 KSSA-TX R. Variedades- con Music per
 Diversion; La Gran R. Musica
 de Metropolitan (:SS,ex-KFJZ)
 1280 KJOY-CA AM Stereo K-Joy
 KKAL-LA (add) 12-80 K-Kal
 WNZZ-FL* WZ 12-80
 KVOV-NV* delete, now KREL
 KREL-NV* Good News Radio
 KSOK-KS AM 12-80
 WMCN-TN* Radio 12-80
 KDYL-UT (add) All News All The Time
 CHAM-ON AM Stereo 12-80 Cham
 1290 WCOW-WT* Your stn. for news, music
 and information
 CFRW-MB Stereo 13
 1300 WFFG-FL Keys Country
 WCKI-SC* CKI
 1310 KDIA-CA (add) We're more than music
 WDOC-KY* (add) 13 Country DOC
 WVIP-NY* (add) Radio 13
 WGSP-NC* Great Sounds of the Past
 WJOZ-PA* AM 13
 KARY-WA* (rsw) La Voz del Valle (:SS)
 1320 KEZL-CA (rsw) Music for your mood
 that's unforgettable, AM 13-
 20, Unforgettable
 CHQM-BC (add) Q's Company

1330	WNIX-MS	Greenville's #1 Radio Stn.	1480	KRED-CA	(add) K-Red Country
	KGAK-NM	Nobody Does It Better		KWUN-CA	(rsw) K-15, K-Wun
	KUPL-OR	(rsw) Couple		WCIN-OH	New CIN
1340	WHAR-WV	(add) C-burg's best rock		WSAR-MA	AM 14-80
	CFHC-AB	High Country Radio	1490	WBMB-FL	Rockin' Soul
1350	WSMB-LA	(add) Tiger Radio New Orleans		WABJ-MI	AM 15 and FM 95
	WHWH-NJ	Spirit of New Jersey		WJFL-MS	15 JFL
	KDOV-OR	delete, now on 1230 kHz		KYNN-NE	15 Country
1360	WEBB-MD*	Making Baltimore sound good		WAZL-PA	(add) AM 15
	WKOP-NY	K-Gold	1500	KUMU-HI	(add) Koo-moo AM 15
	WCHL-NC	Non-Stop		KSTP-MN	(add) Talkradio for the Twin Cities, Talkradio 15
1370	WZYQ-MD*	Station of the Year		WKER-NJ*	(add) Music of Your Life
	KAWL-NE*	Call Country		KTOL-WA*	South Sound
	WMYD-RI*	Information 13-70	1510	KACJ-AR*	Country 106 (//FM)
	WCCN-WI	Country Sunshine	1520	KACY-CA	(add) K-Ace
	CFOK-AB	Supercountry		WPOE-MA*	(add) 15 POE
1380	KZUL-AZ*	delete, now KLPZ		KOLM-MN*	(rsw) Everybody's Country
	KOTE-CA*	Unforgettable music		WIBG-NJ*	Easy Country
	WRBQ-FL	(add) Hit R. Q-105 (//FM)		WKRE-VA*	KRE-FM (//FM)
	KSWO-OK	Best Music, 13-K	1530	WRXV-NE*	Radio 15
	WIZO-TN*	Williamson County's best music		WCTR-MD*	Cheek to cheek dancing
	KTSM-TX	Newsradio for El Paso		WRBX-NC*	Top of the dial
	WTVR-VA	The AM Country		WFWC-VA*	AM 1-53 Radio
1390	KMRV-IA	(add) Memory Radio	1540	WPGR-PA*	Philadelphia Gold R.
	KBXT-MN*	K-Best (ex-WNLT)	1550	WAAY-AL	Your #1 choice in AM Stereo, AM Stereo Way
	WRSC-PA*	Lion Country R.		WOKJ-MS	The one with the roots, the one with the hits
	WTJS-TN	(add) Radio 1-3-9		WBSC-SC*	(rsw) Marlboro Country
	CKKC-BC	(add) KC Radio		KXXR-WA	Music of Your Life
1400	KTUC-AZ	CBS Radio for Tucson	1560	WTAL-FL*	(add) Newstalk in Brevard Co.
	KKBZ-CA	delete, now KAAP		KLTI-MO*	(add) Clear Channel Radio
	KAAP-CA	Unforgettable 1400		KQYX-MO*	(add) Boss Radio
	KADR-IA	Kay-der		KGHO-WA*	(rsw) Gray's Harbor's only beautiful music station, Simply Beautiful
	WJET-PA	(add) Jet Radio	1570	WHOG-FL*	The Boss Hog
	WKPT-TN	Stereo AM 1400		WBVD-MA*	(rsw) The North Shore's Country Music station
	CFLD-BC	CI Radio, BCFM		WLDM-MA*	(add) All News Radio
1410	WUNT-AL	delete, now WMML		WRCN-NY*	delete, now WRHD
	WMML-AL	14 MML	1580	KDFB-AR*	America's Finest Gospel Music
	KRML-CA*	AM 14-10		WEYY-AL*	Great America's Sound of Mus.
	KQAM-KS	Where all the good songs have gone		KLOQ-CA*	(rsw) Cub Country, FM 96 Country
	CFUN-BC	(add) 14 C-Fun		KLOU-LA	Plays the Lake Area's favorite songs all day long
1420	WRCC-GA	(add) The music Columbus loves best, The Great Entertainer		WPGC-MD*	95 PGC (//FM)
	KITI-WA	More music		WVGO-MI*	Music of Your Life
1430	KELI-OK	(add) First with new music		WPMP-MS*	The Hot One
	KEES-TX	Dallas Cowboys Superstation		KTGR-MO*	K 15-80
	CJCL-ON	(add) Music of Your Life		WUIV-NC*	(add) Beautiful Gospel
1440	KOPA-AZ	AM 14-40 Copa		WAJE-PA*	(add) The best oldies station
	WRBA-IL	AM 14-40	1590	WVNA-AL	The New Station
	WYLO-NC*	14-Q		WONX-IL	(rp) One X, Chicago's One X
	KELG-TX	Radio Free Texas		WERA-NJ*	Station of the Stars
	KXXR-WA	move to 1550 kHz	1600	KATZ-MO	The Black Experience
1450	KPSI-CA	(add) AM 1-45		WRNC-NC	The closer you listen the more you love
	WNAB-CT	Sound of the City		KXVI-TX	The 24 hour Gospel Alternative
	WXOL-IL	delete, now WVON			
	WXLX-KY	XL 103 (//FM)			
	KRZY-NH	(rp) Crazy R.			
	CFHC-AB	High Country R.			
	CFJR-ON	Information R.			
1460	KDON-CA	The Voice of Monterey Bay, AM 14-60 K-Don			
	KKAQ-MN*	North Country			
	WNWG-NY	3WC			
	WQLS-OH	The Lifestyle of Lake County			
1470	KUTY-CA	(rsw) Cutie Country 1-47			
	KSIR-CO	The Sound in the Rockies			
	WXKC-MS	Kicks Country			
	WPNC-NC*	KLX-FM (//FM)			
	KSEH-WA	delete, now KBSN			
	KBSN-WA	AM 14-70, Your Wildcats Stn.			
	CJVB-BC	(add) AM Stereo 14-70			

Information for this Updater was taken from the pages of DX Monitor and DX News; also, thanks to John T. Arthur and Charles George for their submissions. Slogans are always changing, so if you hear any new ones, or have any corrections for existing slogans, be sure to send them to me directly, or include them with your DX tips.

AMERICAN LEAGUE FLAGSHIP STATIONS AND BROADCASTERS

(via Dale Park)

altimore	1300 WFBR-MD	Jon Miller, Tom Marr
oston	1390 WPLM-MA+	Ken Coleman, Joe Castiglione
alifornia	710 KMPC-CA	Bob Starr, Ron Fairly, Allen Elconin
	107.5 KLVE-CA	Ulpiano Cos Villa, Cookie Rojas (Spanish)
hicago	670 WMAQ-IL	Joe McConnell, Lorn Brown
leveland	1100 WWWE-OH	Herb Score, Nev Chandler
etroit	760 WJR--MI	Ernie Harwell, Paul Carey
ansas City	580 WTBW-KS%	Denny Matthews, Fred White
ilwaukee	620 WTMJ-WI	Bob Uecker, Pat Hughes
innesota	830 WCCO-MN	Herb Carneal, Joe Angel
ew York	770 WABC-NY	Phil Rizzuto, Frank Messer and Bill White, John Gordon, Bobby Murcer
akland	560 KSFO-CA	Bill King, Lon Simmons, Wayne Hagin
	Unknown	Unknown (Spanish)
Seattle	570 KVI--WA	Dave Niehaus, Rick Rizzz
exas	820 WBAP-TX	Mark Holz, Eric Nadel
Toronto	1430 CJCL-ON	Tom Cheek, Jerry Howarth

NATIONAL LEAGUE FLAGSHIP STATIONS AND BROADCASTERS

Atlanta	680 WCNN-GA	Ernie Johnson, Pete van Wieren, Skip Caray, John Sterling
Chicago	720 WGN--IL	Milo Hamilton, Vince Lloyd, Lou Boudreau
	105.1 WOJO-IL	Unknown (Spanish)
Cincinnati	700 WLW--OH	Marty Brennaman, Joe Nuxhall
Houston	1070 KRBE-TX+	Gene Elston, Dewayne Staats, Mike Elliott
	920 KYST-TX	Unknown (Spanish)
Los Angeles	790 KABC-CA	Vin Scully, Jerry Doggett, Ross Porter
	1020 KTNQ-CA	Jaime Jarrin, Rene Cardenas (Spanish)
Montreal	600 CFCF-PQ	Dave van Horne, Duke Snyder, Tommy Hutton, Ron Reusch
	730 CKAC-PQ	Jacques Doucet, Rodger Brulotte (French)
New York	1050 WHN--NY	Bob Murphy, Steve LaMar
Philadelphia	1210 WCAU-PA	Harry Kalas, Andy Musser, Richie Ashburn, Chris Wheeler
Pittsburgh	1020 KDKA-PA	Lanny Frattore, Jim Rooker
St. Louis	1120 KMOX-MO	Jack Buck, Mike Shannon, Dan Kelly
San Diego	760 KFMB-CA	Jerry Coleman, Dave Campbell, Bob Chandler
	1420 XEXX-BCH	Gustavo Lopez Moreno, Mario Thomas Zapiain (Spanish)
San Francisco	680 KNBR-CA	Hank Greenwald, Dave Glass
	1050 KOFY-CA*	Unknown (Spanish)

Ownership of broadcast rights are underlined; some rights are co-owned by the team and the station. Exception: Toronto's rights are owned by Telemedia Broadcast Services.

US FOOTBALL LEAGUE FLAGSHIP STATIONS

(via Dale Park)

Arizona	550 KOY--AZ	New Jersey	710 WOR--NY
Birmingham	1070 WAPI-AL	New Orleans	1060 WNOE-LA
Chicago	820 WAIT-IL	Oakland	810 KGO--CA
Denver	560 KLZ--CO	Oklahoma	740 KRMG-OK
Houston	1070 KRBE-TX+	Pittsburgh	105.9 WAMO-PA
Jacksonville	102.9 WIVY-FL	Philadelphia	1540 WPGR-PA
Los Angeles	570 KLAC-CA	San Antonio	Unknown
Memphis	560 WHBQ-TN	Tampa Bay	970 WFLA-FL
Michigan	1270 WXYZ-MI	Washington	630 WHAL-DC

NATIONAL BASKETBALL ASSOCIATION FLAGSHIP STATIONS AND BROADCASTERS

(via Dale Park)

Atlanta	680 WCNN-GA	John Sterling, Lou Hudson
Boston	680 WRKO-MA	Johnny Most, Glen Ordway
Chicago	560 WIND-IL	Jim Durham
	1000 WCFL-IL [†]	
Cleveland	1300 WERE-OH ¹	Joe Tait
Dallas	820 WBAP-TX	Dave Barnett, Allen Stone
Denver	850 KOA-CO	To Be Announced
Detroit	800 CKLW-ON	George Blaha
Golden State	740 KCBS-CA	Ted Robinson
Houston	950 KPRC-TX	Gene Peterson, Jim Foley
Indiana	1070 WIBC-IN	Bob Lamey
Kansas City	980 KMBZ-MO	To Be Announced
Los Angeles	570 KLAC-CA ²	Chick Hearn, Keith Erickson
Milwaukee	620 WTMJ-WI	Jim Irwin, John McGlocklin
New Jersey	660 WNBC-NY	Mel Proctor, Mike DiTomasso
New York	1130 WNEW-NY	Marv Albert, John Andriese
Philadelphia	560 WFIL-PA ³	Neil Funk
Phoenix	620 KTAR-AZ ³	Al McCoy
	98.7 KKLt-AZ ⁴	
Portland	1190 KEX--OR	Bill Schonely, Dave Twardzik
	1080 KWJj-OR ⁴	
San Antonio	1200 WOAI-TX	Sam Smith
San Diego	600 KOGO-CA ⁴	Ralph Lawler
Seattle	710 KIRO-WA ⁵	Bob Blackburn
Utah	1160 KSL--UT ⁵	Hot Rod Hundley
Washington	1500 WTOP-DC	To Be Announced

[†]--Back-up stations airing games if conflict on flagship occurs. Known affiliates:

1. 1240 WBBW-OH; 100.1 WNIR-OH
2. 970 KNUU-NV; 990 KHVH-HI; 1240 KSMA-CA; 1440 KPRO-CA; 1450 KOWN-CA
3. 1150 KCKY-AZ; 1340 KIKO-AZ; 100.3 KIKO-AZ
4. FM (freq. unknown) KCMG-AK
5. 720 KDHN-NV

CONTINENTAL BASKETBALL ASSN. FLAGSHIP STATIONS AND BROADCASTERS

(via Dale Park)

Albany	103.9 WQBK-NY	To Be Announced
Albuquerque	1090 KRZY-NM	Jim Lawwill
Bay State	None	None
Detroit	1440 WCHB-MI	To Be Announced
Lancaster	1490 WLPA-PA	Mike Mucarelli
Louisville	970 WAVG-KY	John Asher
Ohio	1150 WIMA-OH	Mike Mullen, John Barton
" "	102.1 WIMT-OH	
Puerto Rico	1320 WUNO-PR	To Be Announced
Sarasota	None	None
Toronto	None	None
Wisconsin	1490 WYTL-WI	To Be Announced
Wyoming	1230 KVOC-WY	Dave Walsh

MAJOR INDOOR SOCCER LEAGUE FLAGSHIP STATIONS AND BROADCASTERS

(via Dale Park)

Baltimore ¹	1300 WFBR-MD	Art Sinclair, Charlie Eckman
Buffalo	970 WEBR-NY	To Be Announced
Cleveland	850 WWJ--OH	To Be Announced
Kansas City	810 KCMO-OH	To Be Announced
Los Angeles	93.5 KFOX-CA	Bill Macdonald, David Platt
Memphis	600 WREC-TN	To Be Announced
New York	None	None
Phoenix	1010 KXEG-AZ	To Be Announced
Pittsburgh	1410 KQV--PA	Bruno Schawrz
St. Louis	None	None
Tacoma	None	None
Wichita	1330 KFh--KS	Bruce Haertl, Blake Schreck and Steve Shaad

NOTE: Send any information regarding radio stations broadcasting major and minor league baseball, football (USFL and CFL), and soccer (NASL, ASL, USSL) to Dale Park, 2253 Kanealii Ave., Honolulu, HI 96813.

Class IIIs Get More Wattage

Washington DC ... Shortly after daytimers went over the FCC's head to present their case for expanded hours before a Congressional committee, the Commission agreed to permit a limited PSS power increase to all Class III regionals and some Class II daytimers.

In light of the Commission's decision to deny several other requests from the Daytime Broadcasters Association, however, DBA president Jim Wychor said he will discuss the issue further with members of the legislature.

FCC actions

Ruling on a DBA petition which requested that Class III regionals be permitted to broadcast between sunset and 6:30 PM with up to 500 W of power, the Commission decided instead that Class III regionals may operate PSS until 6 PM local time with a minimum of 100 W.

Wilson LaFollette of the Mass Media Bureau stated that allowing Class IIIs to operate until 6:30 PM would result in excessive interference to Clear Channel stations, and to regional Class IIIs providing groundwave service during that time.

Moreover, MMB senior attorney Jonathan David said, the DBA petition did not provide justification for extending power to 6:30 PM.

"There was nothing (in the DBA petition) to substantiate why 6:30 PM is a good cutoff," David said.

The Commission based the Class III increase on calculations made using diurnal curves applied to the geographic midpoint at 30 minutes after sunset (SS + 0.5). Previously, PSSAs had been calculated at the end of the two-hour PSS period.

Using this method "balances matters fairly between the needs of the daytime-only stations for additional power while avoiding excessive interference to the service of full-time stations," the Commission said.

The Commission rejected the DBA's request for an across-the-board PSS power increase for Class II daytimers, stating that such an increase would cause "devastating interference" to both groundwave and skywave signals.

However, some Class IIs on US and foreign clears will be given more PSS power until 6 PM. The increase will be "modest and consistent with providing protection" to Clear Channel stations, David said.

PSS power increases for Class IIs will be made on the basis of calculations at the end of each hour during the two-hour PSS period. Similar adjustments will be made for daytimers on US clear channels.

Class IIs and IIIs will receive their PSS authorizations by this fall.

"I hope the daytimers see we have gone as far as we reasonably can," Commission Chairman Mark Fowler said. "Frankly, I would be very unhappy to see them press for more and more."

And, according to David, the FCC action "went way beyond" a Congressional proposal to increase the operating hours of daytimers. Congress has stipulated that PSS increases may not interfere with established groundwave services, while the increases the FCC has authorized for Class IIIs may result in significant amounts of groundwave interference, he said.

Congress

The Congressional proposal which formed the backdrop for the FCC's action, S880, would permit daytimers to broadcast with full daytime power two hours before sunrise and two hours after sunset.

The legislation has widely been viewed as a means to encourage further FCC action on the daytime issue. As indicated by their petitions for reconsideration, daytimers were not satisfied with the recent liberalization of limited-time operating rules.

In light of the Commission's decision not to grant the DBAs full set of proposals, DBA president Jim Wychor said, the Daytimers' association will talk to Pressler and determine a course of future legislative action.

Just a week prior to the FCC's ruling, representatives of the DBA brought their request for greater PSR and PSSA power to a Communications Subcommittee hearing on S 980. Senator Pressler was the only member of the Subcommittee in attendance.

Committee chairman Senator Barry Goldwater opened the hearing, then departed to attend to other business. But his parting comment, "Who is best equipped to do this—Congress or the FCC?" was a question left unanswered by the hearing.

Engineers representing daytimers and full-time AM broadcasters presented their viewpoints.

Charles Jackson, engineering counsel for the DBA, argued that the FCC has used the most stringent technical restrictions and the most restrictive use of the diurnal curves to calculate post-sunset and pre-sunrise operating powers.

Jackson objected to the FCC's use of the 10 percent skywave level to calculate interference from daytimers to Clear Channel skywave service. The rationale for using this calculation is sound when calculating interference to groundwave service, but weak when calculating interference between skywave signals, he said.

In addition, Jackson said that the FCC did not take into account increasing levels of man-made interference.

Other side

Wallace Johnson spoke on behalf of the Association for Broadcast Engineering Standards, a group he said is "generally regarded as a spokesman for full-

time stations."

Wallace said that S.880 limits protection to "existing" AM stations, forcing new full-time stations to protect stations that should be treated as secondary services.

He also said that daytimers operating post-sunset will interfere with one another. New daytimers will not be able to broadcast at full power PSSA because they will have to protect other daytimers that are already in operation, he claimed.

In addition, Wallace said that S. 880's proposal to consider alteration of operating hours as minor changes would not give other licensees an opportunity to raise objections or make comments. Minor changes do not go on cut-off lists at the FCC, as major changes do.

The FCC Mass Media Bureau agrees with this point.

During the hearing, Wychor joined Jackson in speaking on behalf of the DBA, noting that more than 46 million Americans served by daytimers do not receive local nighttime service.

"In effect, the FCC has discriminated against the millions of the US citizens who choose to live in the smaller communities and cities of our nation," Wychor stated.

Wychor and other daytimers said that nighttime local service is essential to small communities to provide weather forecasts and local news updates.

Representatives of the Clear Channel Broadcasting Service, on the other hand, argued that full service FM stations provide local coverage, and that many cities have unused FM assignments. CCBS said that the best way for daytimers to serve local communities is to apply for full-time stations.

Both parties have argued these points before the FCC for almost two years.

The man in the middle, FCC Mass Media Bureau Chief Jim McKinney, said that "the Commission supports the ultimate goals of this bill ... but we believe it would be preferable to permit the FCC to continue to fashion the specific provisions governing the operation of daytime-only stations during nighttime hours."

McKinney noted that the Commission already has authorized PSR and PSS power increases for daytimers, and has proposed giving daytimers preference at comparative hearings for new FMs created by Docket 80-90. He conceded that the FCC used very restrictive technical parameters to determine PSR and PSS authorizations.

McKinney pointed out that FCC rules do allow daytimers to continue to broadcast with full power in the event of an emergency.

Radio World 5-1-84
x via Karl Zuk

XERF: A powerful voice for the Lord

born-again Christian brings
Word to storied station

Steve Szilagyi
News Service

CIUDAD ACUNA, Mexico

The electrical energy that transmits XERF and Love 16 can raise the hair on your arms and broadcast the words of the Lord through your bones.

Even at one-fifth power, energy from the transmitter is enough to illuminate fluorescent lights in the nearby desert scrub land and cause copper cables to sing.

Hello, world. Del Rio, Texas, speaking.

The prospects of controlling that broadcaster have supercharged the enthusiastic, 31-year-old Philadelphian who made it possible.

He is Mike Venditti, the born-again Christian whose self-taught electronic wizardry has erected the 250,000-watt transmitter of XERF, the Tex-Mex border's legendary master radio station, which has been all but silent since 1971.

XERF's transmitting power may fulfill his dream of bringing back the jive radio of the 1940s and perfecting XERF's new format of contemporary music and upbeat Christian preaching.

"It's the king of radio stations," said Venditti, who is calling his XERF format Love 16 to emphasize the station's new persona.

When he gets the time, Venditti plans to double the transmitting power of the Acuna station to 500,000 watts. He says XERF is already the third most powerful AM station in the world, after Radio Luxembourg and a station in the Caribbean.

The Mexican-licensed and Del Rio-operated lion has been broadcasting at 1570 AM since 1971, when it was built by a group of Mexican investors. XERF launched the career of flamant, nationally known disc jockey Wolfman Jack, and sent Bible-belt fire-and-brimstone preaching, as well as American mail-order kits, beyond U.S. borders.

Its success inspired several imitators along the border from Juarez to Tijuana. Those stations, like XERF, have strictly gringo formats.

The Federal Communications Commission says AM stations broadcasting in the United States to 50,000 watts, but the Mexican government has no such restrictions. The so-called "border blaster" stations, of which XERF is the most powerful, can reach audiences well beyond limits that U.S.-licensed stations face.

Venditti said current XERF programming, recorded in the Love 16 studios just across the border in a Del Rio commercial district, reach at least 25 percent of the Earth's surface with a strong, reliable signal — and provide the entire world when atmospheric conditions cooperate. He has received letters from engineers in Finland, Poland, New Zealand and other countries.

The station is barely audible in Austin, the Texas capital, however, due to interference from a local station KTXZ, which broadcasts at 30.

In a book titled "KGB" by John Barron, a Russian spy reports that agents training in Russia regularly listened to XERF to polish their English pronunciation. Venditti said he has been told that pilots crossing the Atlantic tune their radio direction finders to XERF so navigation equipment is locked onto a signal in the United States.

XERF broadcast at 50,000 watts until 1950, when the station's owners installed an experimental 250,000-watt transmitter made by RCA. Technicians from RCA and others never could re-tune the equipment, which produced a

maximum of only 100,000 watts, Venditti said.

The early XERF format was bluegrass music and both recorded and live performances by Ernest Tubbs, Porter Waggoner, Faron Young, Jim Reeves and other country musicians. Interspersed were fundamentalist religious programs.

Bob Smith, then an unknown disc jockey who called himself Wolfman Jack, brought rock 'n' roll to XERF in 1961 with his midnight-to-2 a.m. show, which he offered to do for free to get his name established in radio. Arturo Gonzalez, a Del Rio lawyer who manages air time on XERF, said the Wolfman was incredibly successful, selling thousands of baby chicks and other products weekly during his two years on the station.

In one of many colorful stories about XERF, Wolfman was involved in a 1962 shootout at the station.

Gonzalez recalls: "Some former employees who had been dismissed ganged up and came to the station to try to take it over. The station then was so remote that it took two hours for the police to get there. Two or three people were killed, but nobody from the station. Wolfman Jack took off — he was shooting at them and they were shooting at him. For some time, he wouldn't come back across the river."

Two more were killed in a later takeover attempt, Gonzalez said, but Wolfman escaped unscathed again. He said that when Wolfman was in Del Rio last year to do a reunion show with Kallinger, they went out to the old studios and found two coffee pots perforated with bullet holes.

To make the studios more accessible, XERF management moved the transmitter in 1971 to its current site along a rural Mexican road a few miles from Amistad Dam. Technicians were unable to reassemble properly the 250,000-watt transmitter after the move, so a 50,000-watt transmitter was installed. Through the 1970s, XERF's popularity waned with changing listener tastes and the emergence of FM radio.

Meanwhile, the 250,000-watt transmitter gathered dust in a concrete block building at the new transmitter site, and XERF's program-

ming dwindled to evening broadcasts by evangelists.

At a radio industry meeting in Amarillo, Texas, last year, Wolfman Jack told Venditti about the giant transmitter and arranged a meeting between Venditti and Gonzalez.

The meeting "opened up a whole new world for me," said Venditti, a self-professed radio freak.

Dividing his time last summer between a radio project in Mississippi and XERF, Venditti was able to get the transmitter operating and up to full 250,000-watt power for the first time since it was installed.

Venditti and his wife, Joannie, then struck a deal with Gonzalez to take over the station's operation. XERF is now advertised in trade journals as a "truly Christian radio station," but Venditti said that is only one facet of his Love 16 format.

Venditti attributes his success, in part, to his Christian faith. Pinned on the studio's bulletin board is an evangelical newspaper clipping with a photo of Venditti laying his hands on the transmitter and praying.

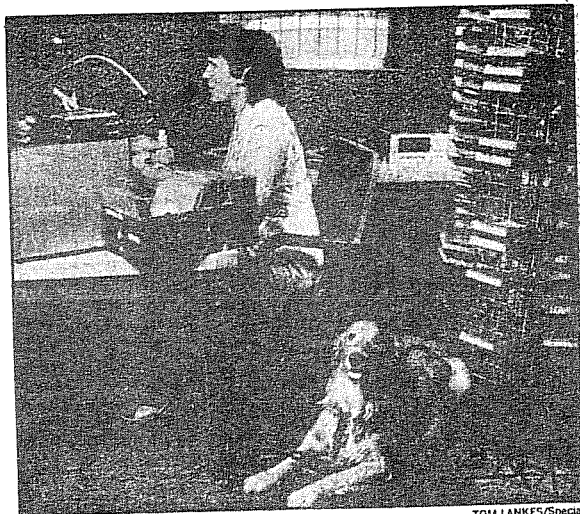
He said he's also stressing personality in his daytime Love 16 announcements. He and his wife each have daytime programs. Venditti fits his air time between selling ads and doing public relations work, as well as several trips weekly across the border to the transmitter.

XERF's morning disc jockey is Nancy Lynn, a blind woman Venditti found singing in a church choir. Her Seeing Eye dog, Dylan, at her side, Lynn follows the play list from cards printed in Braille and coded tags glued to tape cartridges and records.

Love 16's play list combines soft rock, Big Band music, oldies and upbeat country songs. "We won't play barroom and cheating songs," Venditti said.

Also upbeat is the evening religious programming, for which radio evangelists from all over the country pay \$3,500 monthly to air their 15-minute tapes five times weekly. Venditti said he is culling out the "we'll all go down the tubes if you don't send money" preachers, although some remain from earlier contracts.

Atlanta Constitution
9-19-83, via David Shapiro



TOM LANKES/Special

MORNING DJ: Nancy Lynn and Seeing Eye dog, Dylan, at work.

THE INTERNATIONAL RADIO CLUB OF AMERICA

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The International Radio Club of America is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (Medium Wave). IRCA is a member of ANARC, the Association of North American Radio Clubs.

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