



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

August 20, 1983

Volume 20, Number 34

Issue Number 655

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Flash Tips

We'll open this issue with word of a special program:

Saturday, September 10: WEED-1390 will test 0300-0400 EDT with adult contemporary and top 40 music. They will use 2.5 kw beamed east for the first half hour and 5 kw non-directional for the last half hour. This will be part of their 50th anniversary celebration (which takes place 9/10). Return postage must be included with your report if you want a verie. Address: Jim Headlee, Chief Engineer, WEED, PO Box 2267, Rocky Mount, NC 27801. Tnx to Bill Coleman for the info.

In other news:

KJJR in Whitefish, MT, is now on 880, see WDXR for details. KOMO-1000 will probably be on all night MM 9/5 for Labor Day weekend (KOMO is normally off MMs but usually stays on if it's a holiday weekend). KBOI-670 often has a brief (10 minute to 2 hour) silent period at midnight MLT (0200 ELT) to "dust off the transmitter", per Assistant CE Bill Frahm. WABC-770 has a monthly silent period, believe it or not. According to Greg Hardison, who works at sister station KABC, WABC has a silent period one morning per month but, due to union rules, it is never on a Sunday or Monday morning. Finally, Phil Bytheway reports the following changes to the frequency checks listed in the June DXM:

First Sunday - Add KDAP-1450, Douglas, AZ, 0745-0800 (0845-0900 when DST is in effect).

Second Mon - KMKR-1450 f/c is now at 0745

2nd/3rd Thur - KNEB-960 is now at 0310

3rd Monday - Add KRDD-1320, Roswell, NM, at 0240.

Mike Hardester reports the following items stolen from his home recently: Yaesu FRG-7, serial 6 M 082526; Kenwood R-1000 serial 0070145; Drake SPR-4 serial 1734; Bearcat 300 scanner, serial 31058; JVC model 3060 TV/radio/cassette, serial 12362403; Sony TC-106A, reel to reel mono recorder, serial 28883. Mike's social security number 559-80-7072 is etched on some items; his address is MWHS-2 Medical (SC-16), MCAS Cherry Point NC 28533. We wish you luck in finding those items, Mike.

Graham Barclay, PO Box 1437, Hastings, NZ, is interested in swapping cassette tapes of US & Canadian stations for tapes of New Zealand, Australia, and Pacific stations. He promises a 3-day turnaround and airmail reply for all tapes he receives.

My thanks to all of you for the TVA award. It'll look great hanging up next to the radios. Congratulations to Phil, Rich, and the new board; it looks like it'll be another interesting two years. Next issue should hit the mail around 9/10, see page 6 for details on it and other DXMs. 73, bp.

The Seattle Convention

by Bruce Portzer

The 1983 IRCA Convention is now history, but it lives on in the memories of those who were there. A total of about 35 people were present for the activities at the Mayflower Park Hotel in Seattle between July 1 and 4.

The first to show was Mark Strickert, who was seen wandering the streets of town sometime around June 26. Tony Hemphill and family arrived on Wednesday June 29, and several others arrived the following day. By Thursday night, a dozen or so convention-goers were already in the area.

The convention room at the hotel opened Friday morning. IRCA members soon began emerging from their hiding places, conversing, consuming pop, beer, and junk food, and generally having a good time. Goodie bags, filled with promo items, were handed out to all who attended, and more than one recipient was observed gleefully pawing through his newfound pile of stickers, catalogs, keychains, KOMO coffee cups, and other treasures from radio stations and equipment purveyors. Bruce Portzer and Rich Segalas headed off to KRAB-FM for a half hour interview, and Phil Bytheway was interviewed (by phone) by KOMO. Seattle's best-known form of weather was in effect much of Friday, and a few less-hardy souls were seen buying umbrellas. Fortunately, the skies gradually became more cooperative as the weekend progressed.

At three o'clock, a group of attendees toured KOMO radio and TV. They were given a thorough explanation of the gadgets and techniques used in the TV studios and a much briefer tour of the radio section. Naturally, the AM stereo was highly touted, even though there are only three AM stereo receivers in town (two at the studio and one at the program director's house....). Friday evening was left open, with people arriving, talking, consuming junk food (liquid and solid), and tinkering with radios (made especially difficult by the light dimmers in the meeting room). Friday night was also highlighted by a birthday party for, uh... me! July 1 is my birthday...now you know why I selected that weekend for the convention. Sometime around 2:30, the convention hosts kicked everyone out of the meeting room, went home, slept, and awoke alert and refreshed 3 or 4 hours later.

Saturday's activities began with a tour of KMPS AM & FM. Then Randy Seaver spoke on medium wave propagation, dazzling all with view charts filled with equations, diagrams, and tables, stimulating the minds of some and allowing others to catch up on some much needed rest...uh, seriously, it was interesting.

After breaking for lunch, several carloads of DXers and hangers-on left for tours of the KIXI-AM and KSPL transmitter sites. KIXI was having their towers painted at the time and was only operating at 1 kw. The 50 kw rig was shut down and visitors were allowed to open the cabinet doors and peer inside. Gary Greenfield, KIXI chief engineer, gave a brief explanation of the inner workings of the transmitter and fielded a variety of questions about the station. At KSPL, chief engineer John Price gave a short talk on the history of the station and discussed some of the problems encountered in constructing the current site (like having to support the towers on pilings driven 90 feet into the marshy soil).

The banquet took place at 7 that evening, with diners feasting on salmon, baked potato, broccoli, salad, and strawberry cake squares. Following the banquet, Jack MacDonald, Operations Manager of KRPM, gave a fascinating talk on the evolution of broadcasting. He kept his audience spellbound with anecdotes on the first 60 years of radio, interspersed with tape recordings of old radio programs. A drawing was held for the door prize, a radio donated by KING. Winner was Laura Pederson. She probably still thinks it was a set-up, since it was her birthday, but it really was a random drawing.

The next item on the agenda was either the high point or the low point of the convention, depending on who you ask. Namely, the auction. This year's auction probably broke all records in terms of the weight and volume of donations. A lot of people wondered if we would ever get through it all. However, Phil Bytheway and Jef Jaisun managed to unload almost everything in about four hours and even added a few minutes of levity here and there for the more unusual items. Sometime in the middle of it all, there was a short break while pieces of Laura Pederson's birthday cakes (three of them) were passed out. In the end, \$268 was raised for the club, thanks to the buyers of T-shirts, magazines, books, radios, promo items, tape

recorders, test equipment, and other trash. John Clements spent the most, \$75. He also bought the most expensive item, a \$35 reconditioned National HRO. Honorable mention goes to Jim Hilliker, who spent about \$50.

Sunday began with a visit to the Coast Guard's Vessel Traffic Service Center. This facility is used to control commercial shipping (freighters, barges, etc) in Puget Sound and adjacent waters. After viewing a short film on the Center, we were allowed to view the center through windows while a Coast Guardsman explained the purposes of the banks of radar screens, communications equipment, and maps that filled the room.

Technical talks highlighted Sunday afternoon. Nick Hall-Patch discussed home-brew receivers and Randy Seaver gave another talk on propagation. A number of people sat spellbound through these discussions. Others decided to take advantage of the now beautiful weather and took in some of the downtown tourist attractions. Unfortunately, nobody would admit to July 3 being their birthday, so no cake was handed out.

That evening, several people headed for the bucolic environs of the Sammamish river valley, a few miles east of Seattle. At least three Beverage antennas were erected and several receivers were fired up. We soon began to feel like we were DXing in a war zone, thanks to the fireworks shot off by the residents of the nearby hills (it was, after all, July 4 weekend). DX was reasonably good for early July. Several hets and carriers were noted from DU stations on a southwest beverage. Guatemala-1210, an unid South American on 830, and several other Spanish language stations were heard on the southeast wires. Many eastern and midwest clear channel stations were logged on both. A few souls headed back to town between midnight and 2 am, but a few die-hards stuck it out until just before dawn. Oddly enough, some of the locals were still shooting off firecrackers at that hour. And we thought it was weird to listen to static on the radio until 4 am....

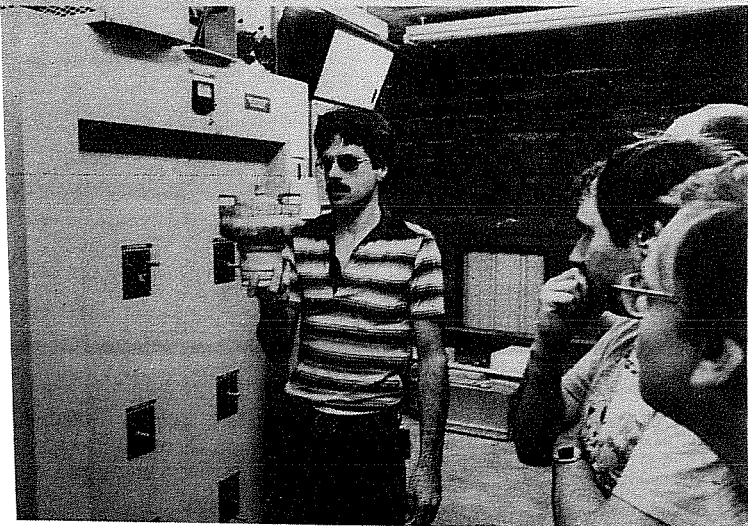
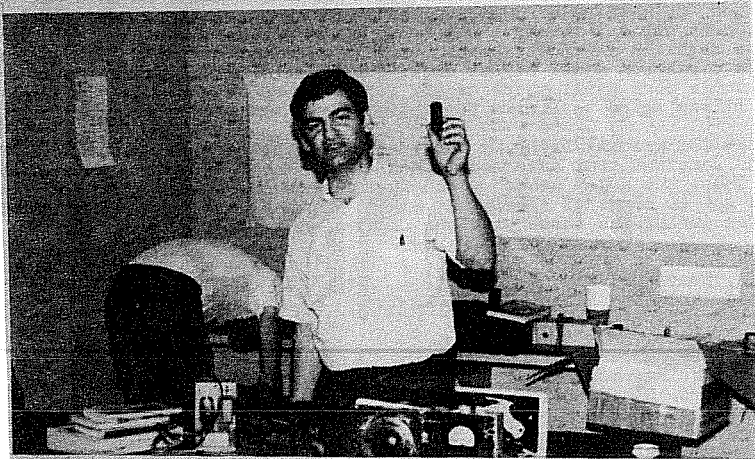
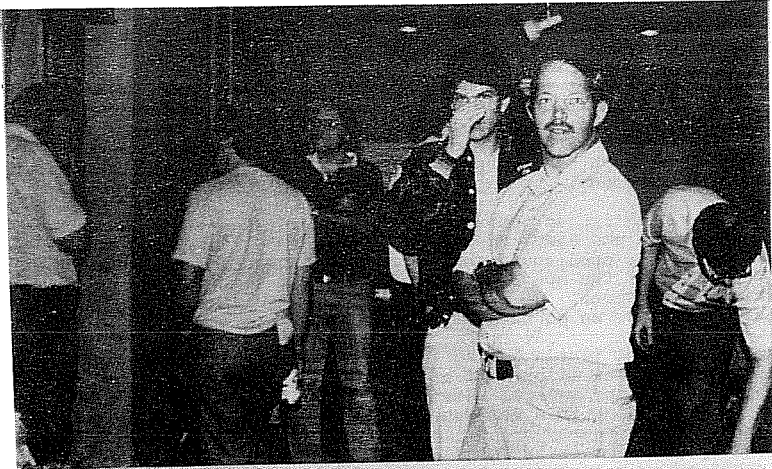
Monday saw the gradual thinning out of the convention room crowd until things shut down sometime that afternoon. Most of the out of towners had headed home by then, but a few stayed until Tuesday morning (or later). Me, I went home and got 12 hours of sleep that night, which equalled the total amount I'd gotten during the three previous nights.

ATTENDEES

Don Moman, Edmonton, AB
Dennis and Christine Kibbe, Tempe, AZ
Nick Hall-Patch, Victoria, BC
Ken Wong, Burnaby, BC
Jim Hilliker & Laura Pederson, Anaheim, CA
Richard Toebe, Hayward, CA
Mark Strickert, San Francisco, CA
Rich Segalas, San Francisco, CA
Mark and Linda Lewis, Palo Alto, CA
Randy Seaver, Chula Vista, CA
Don Erickson, Riverside, CA
John Clements, Sun Valley, CA
Paul Swearingen, Sun Valley, CA
Bill Frahm, Boise, ID
Greg Monti, Silver Spring, MD
Frank Merrill, Toledo, OH
Dave Williams, Astoria, OR
Bill Block, Portland, OR
Frank Aden, Portland, OR
Toney and Anna Hemphill (and 1 year old son John), Salem, OR
Pat Martin, Seaside, OR
Bruce and Evelyn Portzer, Seattle, WA
Phil Bytheway, Seattle, WA
Jef Jaisun, Kirkland, WA
Dave Keeley, Seattle, WA
Karen Portzer, Seattle, WA
John Pascoe, Arlington, WA
Richard Phelps, Bellevue, WA
Plus a half dozen miscellaneous hams, family members and broadcasting types who made brief appearances.

WOULD YOU LIKE TO HOST NEXT YEAR'S CONVENTION?

Write to president-elect Phil Bytheway, 9705 Mary Avenue NW, Seattle, WA 98117 and ask for a convention bid form. You have until October 15 to get your bid in.



CONVENTION PHOTOS

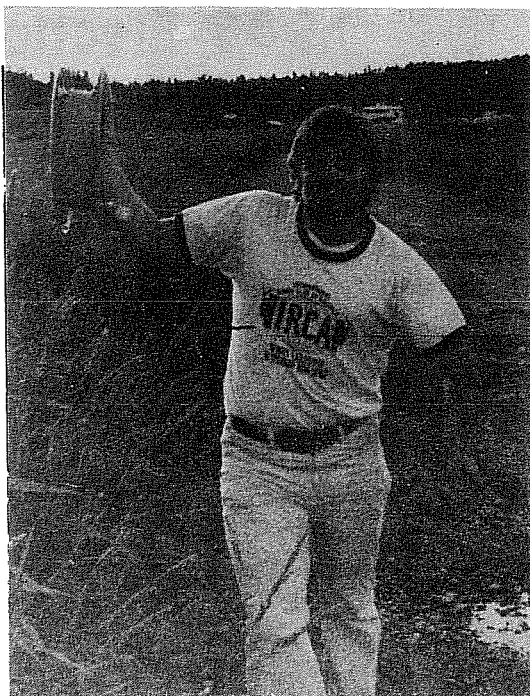
TOP LEFT: Randy Seaver, Bruce Portzer, Greg Monti, Jim Hilliker whispering the latest rumors to Don Erickson, Dennis Kibbe (I think) leaning over.

MIDDLE LEFT: The auction -- a rather weary looking Phil Bytheway tries to auction off a vacuum tube. To his left, Nick Hall-Patch has gotten into position for, uh, never mind...

LOWER LEFT: John Price, KSPL chief engineer, shows off a transmitting tube.

RIGHT: Rich Segalas reeling out the Beverage antenna

BELOW: Outside the KSPL transmitter building. From left to right: Rich Toebe, Evelyn Portzer, Bill Block, John Price, Greg Monti (leaning against car), Pat Martin, Tony Hemphill, Randy Seaver, Dave Williams, Rich Segalas (in IRCA shirt). If the photo reproduces well, you may also see Mark and Linda Lewis (behind Evelyn Portzer & Bill Block), Karen Portzer (behind Tony Hemphill), Mark Strickert's arms (between Rich Toebe and Evelyn Portzer), and unid (behind Randy Seaver)



Photos courtesy of Jef Jaisun



1983 Election Results

Greetings and salutations once again! These are your official results from the various races and nomination selection process:

TED VASILOPOULOS AWARD:

BRUCE PORTZER	30 1/2	Ric Heald	18
Robert Kramer	14	Patrick Martin	7 1/2
Peter V. Taylor	9	Neil Kazaross	3

WRITE-IN: Robert Wien 1 Randy Seaver 1

Congratulations Bruce. Bruce will receive a plaque and one year's free membership in IRCA.

PRESIDENT:

PHIL BYTHEWAY	50	Jef Jaisun	32
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WRITE-IN: Bill Hardy 1

SECRETARY-TREASURER:

RICH SEGALAS	76	WRITE-IN: Steve McGreevy	1
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BOARD OF DIRECTORS:

BRUCE PORTZER	70	NANCY HARDY	68
RIC HEALD	48	ERNEST R. COOPER	45
NIEL WOLFISH	41	PETER V. TAYLOR	40
NEIL KAZAROSS	38	Bill Harms	36
Karl Zuk	35	Robert Kramer	33
John Clemmer	30	Frank Aden, Jr.	27
Mark Strickert	19	Rob Gerardi	15
C. M. Stanbury II	13	Robert Wien	12

WRITE-IN: Don Kaskey 1 Gerry Thomas 1 Patrick Martin 1
 Steve Mittman 1 Albert Lobel 1 Nick Hall-Patch 1

The nominees for the offices are listed in capitals. Congratulations to one and all.

One observation that I noticed from the last election was that the number of people that voted this time dropped about 25% or so. Please members--do express your right to vote whenever we have an election. Don't let the number that votes drop in the next election like this one, or I won't have any work to do. Once again, congratulations to one and all.

Wheeler Conover

Volume 21 Publishing Schedule

No.	Masthead Date	HQ Deadline	No.	Masthead Date	HQ Deadline
1	Sept 10	Sept 2	18	January 21	January 13
2	September 24	September 16	19	January 28	January 20
3	October 8	September 30	20	February 4	January 27
4	October 15	October 7	21	February 11	February 3
5	October 22	October 14	22	February 18	February 10
6	October 29	October 21	23	February 25	February 17
7	November 5	October 28	24	March 3	February 24
8	November 12	November 4	25	March 10	March 2
9	November 19	November 11	26	March 17	March 9
10	November 26	November 18	27	March 24	March 16
11	December 3	November 25	28	March 31	March 23
12	December 10	December 2	29	April 14	April 6
13	December 17	December 9	30	April 28	April 20
14	December 24	December 16	31	May 19	May 11
15	December 31	December 23	32	June 16	June 8
16	January 7	December 30	33	July 14	July 6
17	January 14	January 6	34	August 11	August 3

BROADCASTING INFORMATION

Greg Monti
1301 South Cleveland Street #356
Arlington, VA 22204
703-979-1067

call	kHz	day/night	
WGGA	550	5000/500	Gainesville GA wants WDUN
WFAA	570	5000/5000	Dallas TX adds Motorola stereo, wants KRQX
KNYO	660	500	Independence CA granted KESR
appl	610	5000/5000	San Francisco CA (three more competitors to KFRC)
WACZ	620	5000/5000	Bangor ME wants WZON
WQBS	630	5000/5000	San Juan PR adds Harris stereo
KTIB	630	500	Thibodeaux LA granred 640 kHz & 5000/1000
appl	660	1000	Frankemuth MI application returned
WPTF	680	50000/50000	Raleigh NC adds Harris stereo
KBOY	730	1000	Medford OR wants KRVC
WAOZ	740	500	Hudson WI wants WPRX
appl	750	2500	Portage IN (a 2nd competing application)
appl	750	250	Gretna LA
appl	750	1000	Eldon MO
WORA	760	5000/5000	Mayaguez PR adds Harris stereo
new	760	1000	Moddy AL wants WURL
new	760	5000	Sherwood AR granted KMTL
appl	760	5000/1000	Thornton CO
new	770	10000/1000	North Fort Myers FL granted WKZY
WHTN	800	5000	Huntongton WV granted WKEE
WKIX	850	50000/5000	Raleigh NC adds Harris stereo
KWHO	860	1000	Salt Lake City UT wants 50000/
new	880	2500	Nashville TN granted WMDB
KJJR	880	50000/1000	Whitefish MT granted 10000/500
WPRP	910	5000/500	Ponce PR adds Harris stereo
WLAS	910	5000/5000	Jacksonville NC adds Harris stereo
appl	930	5000/5000	Los Angeles CA (another KHJ competitor)
KAGI	930	5000/1000	Grants Pass OR adds Harris stereo
KCHV	970	5000/1000	Coachella CA granted KVIM
appl	980	2500	Ashland OR
new	1010	250	Milwaukie OR wants KRKX
KIQI	1010	25000/10000	Sunnyvale CA wants San Francisco CA & 25000/2500
appl	1010	2500	Coos Bay OR
appl	1010	2500	Eastside OR
appl	1020	2500/500	Philomath OR
appl	1020	500	Heflin AL
appl	1020	50000/250	Central Point OR
new	1030	???	Blue Springs MO wants KBSM
appl	1030	2500	Rainsville AL application returned
new	1040	1000	Vidalia LA wants KAIN
appl	1040	1000	Shepherdsville KY application returned
KPUB	1060	1000	Winters TX granted 2500/
WWAM	1060	1000	Milledgeville GA wants WKGQ
new	1100	1000	Thompson Station TN granted construction permit
KYKK	1110	???	Hobbs NM granted 5000/(5000?)
appl	1130	1000	Prescott Valley AZ
KRZN	1150	5000/1000	Englewood CO wants 760 kHz & 10000/1000
WJBO	1150	5000/5000	Baton Rouge LA adds Harris stereo
new	1180	500	Newburgh IN granted WJJN
appl	1180	1000	Brevard NC
WBUL	1220	1000	Birmingham AL granted WTWG
KLIT	1220	250	Pomona CA wants KTSJ
new	1230	1000/250	Gatlinburg TN wants WSMW
WSOK	1230	1000/250	Savannah GA adds Harris stereo
appl	1230	1000/250	Rogue River OR
WBLA	1230	1000/250	Augusta GA wants WCKJ
WKCE	1230	250/250	Harriman TN wants 1000/250
WIST	1240	1000/250	Charlotte NC granted WHVN
KDLR	1240	250/250	Devils Lake ND granted 1000/250
WDUN	1240	1000/250	Gainesville GA wants WGGG
WCHO	1250	500	Washington Court House OH granted WOFR
WLEM	1250	1000	Emporium PA wants 650 kHz & 5000/
KGIL	1260	5000/5000	San Fernando CA adds Harris stereo
KAJQ	1270	5000	Grants Pass OR adds Harris stereo
WLLF	1270	5000	Prichard AL granted WKSS
KFJZ	1270	5000/5000	Fort Worth TX wants KSSA

WTTX 1280	1000/	Appomattox VA granted 2500/
KFLO 1300	500/	Shreveport LA granted 5000/
WFFG 1300	500/500	Marathon FL wants 2500/2500
WWKC 1300	500/	West Hazleton PA granted 5000/
WHVN 1310	1000/	Charlotte NC granted WGSP
KCPX 1320	5000/5000	Salt Lake City UT granted KBUG
WSWL 1330	5000/	Milton FL wants WAVX
WADJ 1330	1000/	Somerset PA granted 5000/
KQIL 1340	1000/250	Grand Junction CO construction permit for 1370 kHz & 5000/2500 returned
KOGY 1340	1000/250	Oklahoma City OK wants KXXY
WBSG 1350	500/	Blackshear GA wants WIEZ
WHWH 1350	5000/5000	Princeton NJ adds Harris stereo
KRRR 1360	5000/	Ruidoso NM granted KREE
WCQL 1370	500/	Pewaukee WI granted WGNW
WFDR 1370	1000/	Manchester GA granted WFVJ
WTNN 1380	1000/	Millington TN granted WMPS & 2500/1000
WQHK 1380	5000/5000	Fort Wayne IN adds Harris stereo
new 1380	500/	Young Harris GA granted construction permit, wants WZEL
WCAT 1390	1000/	Orange MA granted 700 kHz
WILI 1400	1000/250	Willimantic CT adds Harris stereo
WTNR 1410	500/1000	Kingston TN granted WYLQ
WTCR 1420	5000/5000	Kenova WV granted WHEZ
WPAR 1450	1000/250	Parkersburg WV wants WIKS
WMBA 1460	500/	Ambridge PA wants 500/500
WOCH 1460	1000/	North Vernon IN granted WNWV
WWQT 1470	5000/	Dunedin FL granted WFNN
WSRO 1470	1000/500	Marborough MA wants 5000/500
KRTS 1490	500/250	Manitou Springs CO wants KIIQ
KOJO 1490	1000/250	Laramie WY granted 1210 kHz & 25000/1000
new 1500	1000/	Lacey WA wants KTOL
appl 1500	25000/	Shepherdsville KY application returned
WCSP 1520	1000/	Crystal Springs MS wants 890 kHz
KUUY 1530	10000/1000	Cheyenne WY granted Orchard Valley WY & 870 kHz & 10000/2500
WZZX 1540	1000/	Lineville AL wants 870 kHz
appl 1560	5000/	Imperial NE
new 1570	1000/	Saint Marys WV granted WRRR
WFBZ 1570	2500/	Minocqua WI wants 5000/
KGAF 1580	250/	Gainsville TX granted 250/250
WCNB 1580	250/	Connersville IN wants WIFE
WACX 1600	1000/	Austell GA wants 5000/
WHBT 1600	5000/	Harriman TN granted WKJS
KBBX 1600	5000/	Centerville UT granted 5000/1000

from the Jul 11, 18, 25 and Aug 1 issues of Broadcasting. In the interests of new homeownership, my sanity, and getting the BI portion of this column in under deadline, Radio Programming Notes will not be seen this month. It will return next month at its regular time....

CLASS AAA MINOR LEAGUE BASEBALL RADIO STATIONS

(via Dale Park)

PACIFIC COAST LEAGUE

Albuquerque	770 KOB	Portland	Vancouver WA:	1480 KAAR
Edmonton	1260 CFRN		Oregon City:	1520 KYXI
Hawaii	590 KSSK	Salt Lake	Murray:	1250 KLAF
Las Vegas	920 KORK	Tacoma		1400 KPMA
Phoenix	620 KTAR	Tucson		None
		Vancouver		600 CJOR

AMERICAN ASSOCIATION

Denver	710 KNUS	Louisville	970 WAVG
Iowa	1390 KCBC	Oklahoma City	930 WKY
Evansville	1400 WROZ	Omaha	None
Indianapolis	Franklin: 95.9 WIFN	Wichita	None
	Lebanon: 100.9 WNON		

INTERNATIONAL LEAGUE

Charleston	None	Rochester	1370 WRTK
Columbus	1460 WBNS	Syracuse	88.3 WAER
Pawtucket	None	Tidewater	Chesapeake: 92.1 WQZQ
Richmond	1380 WTVR	Toledo	1370 WSPD

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: Fridays, ?

Bill Townshend, 4500 Connecticut Ave, #901, Washington, D.C. 20008
(202-966-8046) Another ANARC convention has come and gone. Attending was over 240 here in DC (actually just across the river in Rosslyn, Va), making this the biggest DX convention ever. I plan to be at Enfield, Conn. over Labor Day for the NRC 50th anniversary convention, with a few days on Cape Cod afterwards. The Cape Cod-Nantucket section of Mass. is a great site for AM (especially midday) and FM DX'ing because of over-water paths. IRCans at ANARC included Mike Brooker, Jim Albrecht, Tim Noonan, Andy Felker, Tom White, Greg Monti, Bill Harms, and yours truly. Most of those attending ANARC are SWL'ers (75%), followed by a distant second, us BCB DXers (15%) with 5% DXing the boob tube and/or FM and 5% DXing the Utes or LW. At last month's WADXA gtg hosted by WADXA coordinator Arlene Luskin (kudos and 88's to her for such a great job running the convention), Greg Monti and Tom White as well as yours truly were there, so I stand corrected from my last Forum. I'm not that much of a SWL'er although I heard Australia and China on my Hallicrafter S-38-B which I got from my aunt on my 21st birthday in May, 1952. The same rig enabled me to bag KXLY-920, Spokane, Wash. from D.C. I chucked the Hallicrafter at a HAP auction when I got the DX-160, which used to be my main DX rig until the TRF (12-655) and now the ICF-55W. I often use it to keep tab of Wx cx, especially during warm-front cx with widespread steady rain, which we are in dire need of. Since this month has been hot (99 deg. at end of ANARC-1983) and dry after wet May and June. I now use the TRF as a back-up (AM only) while the Sony has both AM and FM. The Hallicrafter does not have a LW band but the DX-160 has. Time for SP. CUN 28. 73 and good DX.

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

I am writing this on 7/31/83, the day after getting back from a vacation up to Canada. My wife, her brother & his girlfriend, and myself went up to Pancake Bay, Ontario which is roughly 60 miles north of Saulte Ste. Marie, Ontario. We camped in the Ontario Provincial Park for about a half a week and spent the other half bumming around the U.P. We camped in a tent and cooked by an open fire. Since there was no electricity, I took along my Potomic Instruments FIM-41. The figures in brackets are the actual field strengths of the stations heard. Here is what you can listen to at Pancake Bay: 550-CHNO (60uv), 560-CFOS (25uv), 580-WTCM (90uv), 600-WBDN (95uv), 620-WTMJ (30uv), 630-CFCO (15uv), 670-WPAQ (17uv), 680-WDBC (.1mv), 720-WGN (20uv), 780-WBEM (13uv), 790-WSGW (17.5uv) in one direction & CKSO (27uv) with WSGW het in the other direction, 920-CKCY (.37mv), 940-WLVM (75mv), 960-WHAK (45mv), 1050-CFYN (.34mv), 1130-WJHL (70uv), 1230-WSOO (80uv), 1250-CHWO (15uv), 1270-WVOY (35uv), & 1320-WDMJ (10uv). Nighttime was about the same. I heard WJHL do their s/off at 2130, but did not hear anything after that on 1130. For the most part, radio up in the U.P. and Ontario was boring due to poor automation. The best station we heard was CFYN. My wife and I toured CKCY, CJQM-FM, CKCY-TV, and the CBC TV station CICO. They are all located in one building in the downtown area. I would like to thank Randy Tomer, Mike Sapp, & Roger Giannini for taking the time to write me about different types of receivers. All the information was helpful. It looks like I won't be able to make Enfield this year as I thought. My jingle & programming business is growing enough that I won't be able to get away. But I'm sure that the Gary & Frank will represent the Toledo area DXers in the same fashion as John Denver sung about Toledo, hi. If the T-storms die down for a while, I hope to get a new antenna up here at the house, and/or do some DXing from WHND's towers. Got a v/c back from WRNO Worldwide, & CBC Shortwave. WLQR-FM in Toledo was purchased by WSPD in Toledo. Hope they do something good with it. Toledo radio stinks right now! Toledo will soon have new FM competition from a Bowling Green, Ohio station (ex-WKIQ) which is moving studios/transmitter closer to the Toledo area. CKLW still hanging in there with rock & roll. The Big Bands format should hit the Big 8 anytime now. If there are any airchecker or jingle collectors out there, please write. 73 to all.

Mike Sapp, 1902 York Drive, Woodbridge, Virginia 22191

Unfortunately couldn't make it to the IRCA convention, or the close ANARC convention. July and August are very difficult for me to get weekends off due to increased business. Installed the Murata CPS 455J filter in my Panasonic RF-2600. Can't believe how much an improvement it made. With the Radio West 15 inch loop and the selectivity modification, the RF-2600 is doing as good a job as any receiver I have for the domestics. It is extremely sensitive and can now receive the stronger splits. I don't have extremely strong locals so I can't comment on strong signal handling, but the RF-2600 is serving me well. Gerry Thomas' articles on the ICF-6500 has got me interested though. With 47th Street Photo having them on sale for just a little over \$100, I may save up for one. They are definitely a much easier size to handle than the RF-2600. If I am listening to the radio in the early morning and not DXing, I usually tune in Dave Nemo on WWL-870 in New Orleans. If you like real (traditional) country music like I do, you can't beat it. I used to listen to WBT-1110, but they have changed formats at night. If anyone has any traditional country music stations (the kind that still play bluegrass) in their area, I would like to obtain an aircheck of them. If you will write me as to their availability I will either trade you or defray all postage and other costs. TA's have not been heard here very often since 1977. It seems everytime I check WWV lately the solar activity is low, but the geomagnetic field is unsettled to active. Maybe September will bring some good TA conditions.

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

Back again from yet another trip to Alabama, this time with a passenger. I listened very little to AM radio on the trip. Always seemed like a lot of static on the band, wherever I was. Besides, it seemed as though FM had the type of programming I enjoy listening to, especially on long trips. No actual DX done--not on a honeymoon!--but I did come back with about 65 more papers to add to my newspaper collection, bringing that now up to about 4770 papers. The reservations have been made for Barb and I for the NRC convention. I'm really looking forward to it, but she doesn't know what she's getting into, I think. Mike Sapp, we got turned around in Woodbridge, and had trouble finding our way back to I-95. While going down, on 7/22, I listened to Bill Townshend's oldies on WXTR. I can see now why he likes the station. For those who are wondering when my next deadline's are, I don't know either. For next season, the deadlines will be set for Friday, although Saturdays will probably be alright most weeks. If Seattle puts next season's bulletin dates in this issue, subtract 15 days for my next deadline. Gotta run. PTL.

IRCA EXTRA: ARGENTINA MW CHANGES. Many significant Argentinian MW changes have taken place. Here they are, all courtesy of Gabriel T. Barraza, ARC, except where WRTM is indicated:

540	LU17	R Golfo Nuevo, ex-680; 25/5kw	1000	LU16	R Río Negro now 25/1kw
560	LRA9	R Nac Esquel ex-700	1010	LW2	Rem. Tartagal ex-1460; 25/5kw
	LV1	R Colón now 25/3kw	1020	LRA58	R Nac Río Mayo ex-890
580	LU20	R Chubut Is 15kw 0900-0400 (WRTM)		LT10	R Univ Nac del Litoral now 5kw
	LU20	R Chubut Is 25/5kw (G1B)	1070	LR1	R El Mundo now 25kw (WRTM)
	LW1	R Univ. Nac. de Córdoba tried 1040 unsuccessfully so stays here	1080	LU3	R del Sur ex-1200
620	LRA26	R Nac Resistencia ex-1150		LW4	R Orán ex-1510; 25/5kw
670	LRA11	R Nac Com. Rivadavia ex-790	1110	LR2	R Argentina now 25/5kw
	LRA28	R Nac La Rioja ex-720	1120	LU6	Em. Atlántica ex-1150
710	LRA17	R Nac Zapala ex-830	1150	LT9	R Brig. Gen. E. López ex-1260; 25/1kw
	LRA19	R Nac Puerto Iguazú ex-1030	1160	LU32	R Coronel Olavarría ex-1380; 5/2.5kw
	LS1	R Mun. de la ciudad de B. A. now 25kw	1170	LRA29	R Nac San Luis ex-900
780	LRA6	R Nac Mendoza ex-960	1190	LR9	R América now 25/5kw ex-R. Antartida or just a misprint??
	LRA10	R Nac Ushuaia e Islas Malvinas ex-910 (see 910 below)	1210	LT18	R Aldorado now 10/5kw
790	LRA22	R Nac San Salvador de Jujuy ex-830 (old change)	1230	LT2	R Gen San Martín now 25/5kw
	LR6	R Mitre now 25kw		LW5	R Libertador Gen. San Martín ex-1530; 5kw
800	LRA53	R Nac San Martín de Los Andes ex-1440	1250	LT42	R Ibero ex-1490; 5/1kw (apparently also a name change from R Del Ibero)
	LU19	R Viedma ex-1450; 25/2kw	1320	LV24	R Manantiales ex-1520; 5/1kw
	LV23	R Rio Atuel now 5/1kw		LU10	R Azul now 5/2.5kw
820	LU21	R Golfo San Jorge ex-1020; 25/5kw	1330	LU37	R Gen. Pico ex-1540; 10/1.5kw
	LU24	R Tres Arroyos now 5/2.5kw	1350	LS6	R del Pueblo now 25/5kw
830	LT21	R Mun. de Alvear ex-1430; 1kw	1390	LR11	R Univ Nac de La Plata now 25/5kw
	LT43	R MocoV ex-1470; 1kw	1400	LU11	Rem. del Oeste now 10/2.5kw
	LV18	R Mun. de San Rafael ex-1370; 5/1kw	1440	LU36	R Coronel Suárez ex-1510
	LW8	R San Salvador de Jujuy ex-630; 25/1kw		LT41	LV del Sur Entrerriano now 1kw 0900-0300
840	LT13	R Oberá ex-1470; 5kw	1460	LU34	R Piñón ex-1550; 100 watts
880	LRA53	R Nac San Martín ex-1440 (see 800kHz above; one of these is a misprint)	1470	LU26	R Coronel Dorrego ex-1430; 1/5kw (name change, ex-Em Coronel Dorrego)
910	LRA10	R Nac Ushuaia e Islas Malvinas ex-900; 25kw (WRTM). (Must have moved here and then to 780, as above, on 6/1)	1480	LU27	R Dolores ex-1500
	LU19	LV del Comohue ex-690; 25/5kw	1490	LU25	R Corhuc ex-1530
940	LU19	R Fortín Yunka ex-1450; 25/5kw	1510	LV21	R Champaguy now 1/1.25
960	LU13	R Necochea ex-120; 10/5kw	1520	LT38	R Suelguy ex-1560
	LT44	R Fortín Yunka ex-1450; 25/5kw		LT37	Em. Rufino now on 1000-0400
970	LT25	R Guaraní ex-1520; 5/1kw	1570	LU29	Rem. Condor ex-1430; 1/5kw (apparently also name change, ex-R. Las Flores)



Western DX Forum

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IRCA—Serving the Broadcast Band DX'er Since 1964

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

1982/3 DEADLINES

TO BE ANNOUNCED BY SEATTLE

NICK HALL-PATCH, 1538 AMPHION STREET, VICTORIA, BC V8R 4Z6

IRCA's convention started a day early for me when Don Moman and I nipped off to Jordan River for a DU Beverage session. Well, so much for showing off to visitors. Australians were almost completely absent, and though I did log three new Zedders, it was a pretty unspectacular morning. Then we were off to Seattle to complain about conditions to other DXers. It was a long trip, and not made any shorter by the fact that U.S. Immigration was running at half-strength on a Canadian holiday (July 1). That meant a two hour wait to cross the border followed by the third degree from an Immigration official. He was convinced that we were going to sell all the radio gear in the van once we entered the U.S. Judging by the odor in the van after said official had finished poking around, he must have personally confiscated some strong drink from one of the cars ahead of us..

Once in Seattle, conventional convention activities took over, i.e. plenty of idle chatter and consumption of junk food and drink. The idlest talk was the technical presentation by yours truly; although no one actually fell out of their chair in a stupor, there were some well rested folks after the talk. Randy Seaver's propagation talks had a similar affect on some, but I found them most interesting if rather challenging to the remaining brain cells. A Beverage expedition finished things off, my second in three days. No DUs at all on this one save a few carriers, but we had wires out at a right angle which made for some interesting comparisons. The conversations on 2-meters between Don and Bruce in different vehicles showed the high rate of professional discussion: "We've got W-B-Zed on 1030" (from Don's van) "That's strange, all we're hearing there is W-B-Zee" (from Bruce) etc, etc.

On another topic, I'd like to get the TA WC phone net going again this fall. For those unfamiliar with this set-up, it's simply an early warning TA DX system. If I hear a TA opening, I phone the next interested DXer down (and/or up) the coast, who phones the next one and so on, so that in a matter of minutes, TA DXers from B.C. to California know that something's happening. I'll be in touch with those who were in the net last season to see if they want to continue, but if any others are interested please let me know at the above address as soon as possible so I can make up a new list. (Results of last year's TA net should have appeared in these pages already - have you lost them, Ric?) (I'll wring them out of him for you Nick - hi, RET)

FATHER JACK PEJZA, 3266 NUTMEG STREET, SAN DIEGO, CA 92194

I was in Seattle just before the convention, courtesy of the U.S. Navy; I was part of a group of educators from San Diego and Phoenix taken to Seattle to familiarize us with the educational opportunities available for students in the Navy. It was good to see Bruce, Jef, and Phil again; I'm sorry I couldn't have stayed for the convention. I have a new job next year; I'm moving to St. Augustine High School here in San Diego as principal. Recently while doing field verification of the laws of probability I happened upon a TV program on the PBS station in Las Vegas about Zzyzx Springs. Those of you who have been around a few years will remember that radio evangelist Curtis Springer used this oasis in the Mojave Desert near Baker as his headquarters for a period of about 20 years. The Bureau of Land Management evicted him in 1974 claiming that his use of government land didn't follow established guidelines. Apparently Springer is still alive, living in Las Vegas. The property he developed is now being used by a consortium for desert research. A man named Dennis Caselier is writing a book about Zzyzx. DX over the past few years has been nil; maybe I'll revive my interest someday. (Good to see you back in DXM even if you haven't been DXing--RET)

GENE MARTIN, 3303 EAST EVANS AVENUE, DENVER, CO 80210

During the first half of July, I have been noting the occasional appearance of strong signals from northeastern stations such as WBZ, WCAU, and WHAM. I take this as an encouraging omen suggesting better days ahead for hearing Europe and Northeastern Asia in the upcoming DX season. Perhaps the geomagnetic malediction which has been lying over high latitude paths in recent years is beginning to disappear. On a couple of Monday mornings around 2 to 3 a.m. Eastern time, I noted some difficulty in nulling WBZ well enough to hear Mexico City and Colombia on 1030. I mean you could still hear WBZ when it was nulled and that is quite unusual. I figured out once that at the time of the summer solstice, 1YA, Auckland, ought to have a "fade-in" time as early as 0440 GMT. Occasionally, amid the summer static, I have been checking 756 to see if there was any trace of a carrier from down under there. But the earliest I have been able to find 1YA was 0610 GMT, (2:10 a.m. ELT). That was one quiet night the last week of June. The only thing I had was a faint carrier there but there was no reason to think it might be anything trans-Atlantic. Looking ahead to September-October, I would urge Eastern DXers wanting something down under to keep monitoring 1476, 1566, and 1575 at the appropriate hours. The small Anzac stations on these frequencies come to Denver just before dawn on summer mornings and they might go farther east by the early fall. By the way, Anzac is as abbreviation from World War One terminology and it means Australia - New Zealand. (Glad you cleared that one up for us youngsters under the age of 70, Gene - hi, RET). It would make a handy term for DXers too. Remember too that if the A-index is unfavorable for reception from the North, that condition might help you in getting the Anzacs. (This subject of early S. Pacific fade-ins during the summer months is interesting. Tahiti and Tonga very often are loud here on the coast not that long after local sunset, often before 0500 GMT, followed shortly by NZ-756. Best signals are usually heard at local dawn, tho - RET)

ROB HARRINGTON, PO BOX 3434, LITTLETON, CO 80161

Hello to all IRCAn's. Well, it has been a while since I sent in a forum to update you on what has been going on with myself, so I will now give you a report. Chris Knight and I went to Raton, New Mexico on 4/30 through 5/2 and it was a very interesting trip. The highlight of our trip was getting stuck in the mud, up to the top of the hub caps. (Sounds familiar, the same thing happened to the HEAVES' DXmobile recently-RET). We went about 11 miles west of Raton to do some DXing, because we wanted to get away from Raton's one local station. We thought we had found a great site for DXing on top of this pass, name unknown, so we pulled off of the main paved road, on to what I thought was hard dirt, but it was mud, and we got stuck for 3 1/2 hours. We got towed out by the security guard of the owner of the private property that we were on. He wanted to know what we were doing on private property, so we told him that we were DXing, listening to radio stations, our hobby. He wanted to see my drivers license, and wanted to know my home address, and where we are staying in Raton. So we got in to a little hot water for being on the private property. He said the info was for the official record. Chris and I went back to Raton, and set up our 1800 foot wire, 7 miles east of town, and pointed it towards Australia. We DXed until 0100 ELT, then went back to our motel and signed off. I set the alarm on my R-1000 for 0545 ELT; the alarm went off at 0545 ELT, and I said to Chris: it is 0545 ELT, 0345 local time, let's go DXing, OK Chris? He said he wanted to sleep some more; I said I was ready to go DXing, but for the first time, on a DX trip he didn't want to go early morning DXing. It is usually me who wants to sleep in. We cancelled our early morning DXing, and reset the R-1000 for 1000 ELT, 0800 in Raton. That was our DX trip to Raton for 4/30 to 5/2/ 1983. I haven't done any PCB/MW DXing since we went to Raton.

I still have that bad interference from the dimmer switch that my neighbor keeps on 24 hours a day; the dummer switch has NSP. I still hope, just hope, to move out soon. I have been saying that now for 2 1/2 years, but money keeps me from leaving home, also bills. My next report will be in 20 to 99 days from now. I wish all IRCAn's good DXing and QSLing. 73.

JIM HILLIKER, 1502 E. HEDGEWOOD AVENUE, ANAHEIM, CA 92805

(Continued from last issue..) Speaking of KWIZ, they are in the process of setting up their 5000 watt night antenna pattern that they finally got the okay for. (Presently 1 kW). Sometime before they go on with it, they will have to run at low power. I'll try to find out when this takes place. The bad news is KIEV has put up a second tower. So, I guess they will begin night broadcasting before too long. They were on

with reduced power for a couple of days in May.

Another thing I did back in January was to visit the station at Big Bear Lake, KBBV, 1050. Had a nice chat with owner/operator Vern Thompson. The guy loves to talk about radio. I asked about DX and veries, he leads me to 2 bulletin boards with many old reception reports, many from IRCA members that I know of, some going back many years. Even saw a few reports for their remote frequency of 1622 kHz and one FM report for KTOT from Glen Hauser. If you ever get up to Big Bear, it's an interesting small station to visit.

The new station in Yucca Valley, 1420 KSES went on April 30th. Their address is Box 1420, Y.V., CA 92284. Just thought of something, after I heard KDHI 1250 last September I went to visit them on way to Beverage site. Got verie back that said in the 1 1/2 years that the GM has been there, he has received only one other report besides mine; from Utah. Was this Bill Harms?

Yes, it was a good season. There were so many neat things that happened to me while listening, but I really did get a thrill from hearing KWSR on 810 s/off, then hearing KAFE s/off 10 seconds later. It made me feel good, because some DXers down here that I talked to had never heard KWSR. It was also nice to hear KWIP on their first night on the air. I hope that the next season will be just as good or better for me.

I know I'm rambling, but one more quick thought. I used to live in Santa Maria as a kid from '57 to '65. I found myself listening to KUHL 1440 for sentimental reasons. I remember when they were KCOY. And, I remember when KSBQ 1480 was KSEE. I used to take my transistor radio and stand in front of the window while watching the DJ on the air. And then there was KHER 1600, now KZON. Anyone ever live or go through that area and hear KHER in the early 60's? I seem to remember that their slogan was "Heart Radio". They played the song from "Damn Yankees", "You Gotta Have Heart" at sign-off. And, if you honked your horn while driving by the KHER studios on Main Street, the announcer came on and said "thank ya kindly for the happy heart horn toot!". Those are some of my childhood memories of radio in my hometown.

Well, that's all for now. Hope you all have a great summer and again, can't wait for the convention. 73.

ALBERT S. LOBEL, PO BOX 26762, SAN DIEGO CA 92126

Yes, I'm still alive and well in case any of you have been wondering. I just haven't done much DXing lately. For those of you who may be interested in some real far out DX try DXing the Pioneer 10 Spacecraft courtesy of MaBell. Yes! courtesy of MaBell!! It may not really be real DX but none the less it is direct from Pioneer 10. If you call (900) 410-4111 you will get a special recorded message with a signal direct from Pioneer 10 as it left the known solar system. NOTE: THIS IS NOT A FREE CALL; IT WILL COST YOU 50 CENTS FROM ANYWHERE IN THE UNITED STATES; I THINK IT CAN ALSO BE CALLED FOR 50 CENTS CANADIAN FROM ANYWHERE IN CANADA.

Not much else to report. Prepaid calls welcome at (619) 566-0092 or (619) 484-0604 between 2000 and 2230. Start talking when the telephone answering machine allows you to and I will intercept the call when I hear your voice, if I'm home. Or to avoid the answering machine you may use the unlisted number if you know it; I say that only for those who already know it. If you don't know the unlisted number and want to know it write and ask for it. If I want you to know it I'll write backand tell you. I'll also write back and tell you if I don't want you to know it only if you send a s.a.s.e. 73 and good DX (especially from Pioneer 10) de ASL.

PAT MARTIN, PO BOX 843, SEASIDE, OR 97138

What a great convention!!! The Seattle group really came up with a good one again. Dave Williams and I drove up together, and hauled up a lot for the auction. Thanks to the Seattle group for a great convention! Also thanks to Rich Toebe for the help in getting me to and from the KIXI/KSPL transmitter sites. It doesn't take much for me to get lost!

DX of late still is slow. Got a tentative on Niue Island-837, (that pest? hi-RET) possibly running an ET on Sunday night July 10. Report sent. Veries: KUPL-1330, KEH-1330, KOPA-1380, and KHIT-1320.

By the way Jef, how did Sidney Poitier make out with the blind girl?

FRITZ MELLBERG, 1505 CENTRAL, HAWARDEN, IA 51023

Vacationed in Houston in late June and heard 920 KYST's new A11 Beatle format with ID's KBTL. Their lone KYST-Texas City ID comes at 059 plus. Slick and full of repetitive hype and British DJ's with the latest Beatle secrets. Can't imagine they would want to change their call letters for what they admit will last them only 18 months or so as a format. So they

use it as a slogan. Rather nifty marketing idea, I say and if more stations did this DXing might have a new dimension. I made a tape of a Houston Bandscan; 90 minutes with all ID's: some are poor due to apartment, portable rx and wet palm trees, but if anyone wants one, send me a tape and an IRC or 50 cents for postage.

I've been hauling up antennas. Lengthened a random wire and put up an inverted V for 60 meters. Made a WEDGE loop and noted that it looked like the armature of modern sculpture, so I re-made the frame with laminations and curves so that now it looks like a Barbara Hepworth. My wife even likes it and might allow it in the living area! (paint it green and it doubles as a Christmas tree-RET). Those of you who use one or have used one -- any comments on its performance? (excellent for unamplified loop-RET). Why must it use 2 365 pf Var caps? (to confuse new DXers-hi, RET). Can't it work as well with a single double gang out of an old radio with a 200 pf cap switched in like the NRC loop plans? (sho 'nuff - all the 2nd cap does is give you extra capacitance so it can tune the bottom of the band - RET)

Thanks to Don Kaskey for his overwhelming pile of logs from former Galva, Iowa home! By the way, Don, I noted in one of your columns on rare DX that 1370 KLBA-Albia is considered rare. I heard it at sunset sign off March 18; I'll watch for it and report it when heard. KSUM and KGNO are usually dominant.

Now, to get acquainted with my wedge. Best of DX. (Welcome to WDXF, Fritz - report again soon -RET)

RANDY TOMER 1969 27th STREET, ARCATA, CA 95521

Howdy. I volunteered to do Ric's column this time so I could see if it was easier to do using word processing -- it was difinitely so. Sorry to have missed the convention, as it sounds like everyone had a good time.

Now, a correction from my last forum. It was the June '82 issue of CQ Magazine, not the June '83 issue that gave the IRCA a good plug. The June '83 issue did give BCB DXing a plug in general, however, by showing a picture of a GE Superadio and reviewing Palomar Engineers' "Loop Coupler", a gadget that supposedly helps couple the Palomar Loop to receivers with built-in loopsticks that can't be disconnected (i.e., GE Superadios). All of this was in the "Antennas" column, a monthly feature in CQ Magazine.

Another good plug for BCB DXing is in the ARRL's "Operator's Manual". In its chapter on SWling there is a surprisingly good treatise on BCB DXing techniques, including the design and construction of an air core loop (which they highly recommend). Interesting to note was their statement that a Beverage antenna "may be the only way a person east of the Rockies can hope to hear Alaska or Hawaii."

The latest HEAVES' activity included a big DXpedition up to nearby Grouse Mountain (elev. 5500ft) on July 2-3. It was an all-bands affair and turned out to be a real gas. We were amazed at the excellent BCB reception there, hearing all kinds of far-off weakies mid-day; and we were totally blown out by the FM reception. Down here you hear 5 FM stations and that's it, up there not only was an FM station heard on just about every possible channel, but sometimes there were 3 stations per channel. Another amazing feat accomplished by the HEAVES' was a 200(!) mile CB QSO via groundwave, using just the legal 4 watts output power. We got lots of comebacks, IDing as "this is the Grouse Mountain DXpedition".

Anyway, it was such a blast that we may have planned an official HEAVES' Invitational DXpedition for Labor Day weekend. (Everyone's invited). Once again an all bands affair, high atop Grouse Mtn, NorCal's finest peak. There's an abandoned lookout tower there that's perfect for attaching transmitting antennae, and there's room in all directions for Beverages. Grouse Mtn is located in the heart of "Bigfoot Country" so there's no evidence of civilization as far as the eye can see so electrical noise or any other type of artificial noise is totally non-existent. Even on Longwave! Phone me anytime at (707) 826-1232 or Ric during work hours at (707) 443-1685.

I'd like to hear from anyone who has compared the new digital Superadio(#7-2882) on FM to the old model(#2880B). Thanks in advance. 73's

KWKW
La Mexicana RADIO 1300



ANARC '83

ASSOCIATION OF NORTH AMERICAN RADIO CLUBS
1983 CONVENTION REPORT
Greg Monti

The 1983 Convention of the Association of North American Radio Clubs was held 15 through 17 July at the Best Western Westpark Hotel in Arlington, Virginia. The Washington Area DX Association, an ANARC Associate Member Club, was the sponsoring club. ANARC Conventions tend to be very shortwave-oriented as they take the place of shortwave club conventions which don't exist.

The Convention officially opened at noon on Friday the 15th as the vendor display area was opened to attendees. On hand were several receiver manufacturers and retail vendors (including Electronic Equipment Bank, EGE, Japan Radio Corporation, and Bearcat), several shortwave radio stations (Radio Sweden, Radio Canada International, Radio Peking and the Exterior Radio of Spain), and several publishers and booksellers (including Miller Publishing, a new house specializing in international shortwave broadcasting books). In addition, many ANARC (and a few non-ANARC) clubs had displays in the convention area lobby (IRCA, American Shortwave Listeners Club, North American Shortwave Association, Canadian International DX Club, Ontario DX Association, Radio Communications Monitoring Association, the Association of DX Reporters, Central Maryland DX Association, and the Association of Clandestine Enthusiasts).

Over 300 persons, including part-weekend registrants, attended ANARC '83, including IRCans Bill Harms, Tom White, Mike Brooker, Bill Townshend, Tim Noonan, and myself.

At the ANARC Representatives Meeting, ANARC Executive Secretary Terry Colgan, of Austin, Texas, announced what resolutions would be voted on during the upcoming Sunday ANARC General Meeting and made sure that each club rep had the proper documents to read over.

Several reports were given, including one from Robert Horvitz of the Over the Horizon-Backscatter (OTH-B) Radar Committee. The so-called "Russian Woodpecker," which blankets the shortwave bands with interference, is an example of OTH-B Radar. The US has also announced its intentions to implement an OTH-B Radar system in this country. OTH-B Radar uses shortwave frequencies to allow a radar station to "see" low-flying objects (such as cruise missiles) which are below the horizon and thus has obvious defense uses. In the past, Air Force OTH-B announcements have stated that many types of radio services (international shortwave broadcasting NOT among them) would be partly protected from OTH-B interference. ANARC's OTH-B committee was formed to keep the concerns of shortwave listeners in the Air Force's mind. Through Freedom of Information Act requests, the OTH-B Committee was able to gather some data. In addition, it expected to meet with State Department representatives on 18 July. The OTH-B Committee has also requested participation in the 1984 World Administrative Radio Conference on high frequency broadcasting.

The ANARC QSL Committee report surfaced briefly amid criticism that the QSL Committee always surfaces only briefly at ANARC Conventions and is largely superfluous in its purpose (talking stations that don't verify into doing so; a service sometimes provided on a volunteer basis by ANARC member clubs or by individual club members).

The DX Equipment Information Committee reported that it wishes to expand the Marketplace Report column in the ANARC Newsletter to include more mediumwave, longwave, VHF-UHF, and other so-called "specialty-band" DX. The idea would be to prevent the Committee from having too much of a "shortwave-only" appearance.

There was a brief discussion of a completely revised ANARC Constitution and Bylaws which was drawn up in draft form prior to the Convention. Terry Colgan asked the club reps if they had been informed by their club presidents on how to vote on the Constitution and Bylaw changes. About half said that they had not been so instructed and Colgan tabled the issue to a later time so that club presidents could make sure that their voices are heard as they intend them to be when the vote actually takes place. It will probably occur by mail. The draft documents will be mailed to all club presidents by 1 September. The major modifications of the

draft proposal include elimination of "Associate Member Club" status, a requirement that a club have 50 members and a 12-month a year bulletin or magazine to join ANARC, a one-year probation period (without voting privileges) for new clubs, and a new government system for ANARC with 19 full representatives of which 7 would serve on an Executive Council, plus an Executive Secretary.

John McCann, the new President of the Handicapped Aid Program - USA gave a brief talk explaining that he wants to get HAP back on track in providing equipment and services to handicapped DXers. HAP has had some problems in recent years including one that too few people were trying to do too much of HAP's work thus causing some of it not to be done well or at all. John estimated that his plan to revitalize HAP would require 1000 person-hours of work per year, of which he could devote about 150 hours himself. John called for the support of the SWL (and other DX) community. His address is 2105 North Illinois Street, Arlington, Virginia 22205; phone at home 703-532-5218; phone at work 202-472-3226.

A report was also given about ANARC's efforts to publicize itself, its member clubs, and the SWL/DX hobbies to the DXing public to encourage new membership and support.

Another report stated that ANARC wishes to get into the business of providing computer programs and data to DXers and SWLs who have personal computers. The report stated that ANARC has applied to become a Special Interest Category on the CompuServe data-by-telephone service.

Jim Thorton is the tentative chairman of a new committee which is just forming this year: the Frequency Recommendation Committee. The FRC hopes to put itself into a position where it can recommend broadcast frequencies to shortwave stations so that they don't overlap and/or otherwise interfere with each other over much of the globe as is now the case. (Currently, SW stations choose their frequencies through a formal or informal program of monitoring channels at different times of the day to determine if they're free for use at those times. Propagation effects are also taken into account.)

After the Reps Meeting (at which no votes were taken), there was an opening session and welcome to attendees and a wine and cheese reception sponsored by EEB and ICOM.

Saturday the 16th was seminar day at ANARC. Unfortunately, I was unable to attend the great majority of the sessions due to other commitments. Seminar titles included Publicizing Radio Listening; Trends in Broadcasting, Equipment and Listening; Computers in the Radio Hobby; specialty DX group sessions; Commercial Shortwave Broadcasting; the presentation of awards by Review of International Broadcasting magazine; and a Broadcasters Forum, where SWLs could meet and ask questions of some of their favorite program hosts and station representatives.

After a cash bar was the ANARC banquet. Attendees feasted on (slightly cool) roast beef and potatoes and heard after-dinner speeches. Joe Costello, President of WRNO Worldwide, a US commercial shortwave station, spoke about the difficulties he had in getting his license application through the FCC, State Department, and Congress, all of whom worried about whether it was in the interests of the US to have a commercial shortwave station essentially competing with the Voice of America. Costello won out since the legislation that created the VOA in the first place specifically invited private shortwave broadcasters to join in. Two other brief talks were given by VOA employees who told of their world travels and often-humorous radio experiences.

After dinner, the ANARC Awards were presented. H. John Clements of Sun Valley, California, was named International Specialty Band DXer of the Year for his work with the Longwave Club of America. Roger Legge was named North American Shortwave DXer of the Year for his work in publishing the "USSR High Frequency Newsletter." Jonathan Marks, host of "Media Network" on Radio Netherlands, was named Shortwave Broadcaster of the Year for his assistance to the DX/SWL community.

Then came what everyone was waiting for: the ANARC Raffle. About \$2000 worth of donated merchandise (over 90 items) were raffled off for \$1

per ticket with over 1000 tickets sold. Prizes included interval-signal tape recordings, RCI record album sets, several pieces of imported porcelain, an antenna tuner, a mobile shortwave converter, a scanner, and jigsaw puzzles from distant lands (which contained foreign first-day stamp covers and blank QSL cards to everyone's surprise). By far the most valuable item auctioned off was a new Sony ICF-6800W receiver, listed at \$700 retail. It was won by Steve MacNeil.

It was reported that pizza parties and DX sessions went on until 0400 Sunday morning but this reporter could not verify that firsthand.

The first event on Sunday the 17th was the ANARC Annual General Meeting. Several resolutions were approved unanimously including:

-- one thanking Dave Browne, past Executive Secretary, for his support of and work on behalf of ANARC for the 8 years he held that post;

-- one expressing congratulations and best wishes to the National Radio Club on its 50th anniversary;

-- one expressing gratitude to Ernie Cooper for his dedication and contributions to the mediumwave DXing hobby including editing of the "Musings of the Members" column in NRC's "DX News" for 36 years; and

-- one expressing thanks to the Washington Area DX Association for holding the convention.

Three resolutions sparked some debate:

-- one condemning jamming of international shortwave broadcasts and requesting that each ANARC club take some concrete action to protest such interference. Such action may include a decision not to publish information about stations which jam and a recommendation that club members not send reception reports to stations run by administrations which practice intentional jamming. Debate centered on whether these were the correct concrete actions and on whether non-shortwave clubs should think of other ways to protest jamming since they rarely print shortwave data anyway. It was stated that the concrete actions were to be decided within each club and not by ANARC. The above items were only examples written into the resolution. The resolution passed with one nay vote (not IRCA's).

-- one declaring Radio Canada International's "Shortwave Listening Digest" the official shortwave radio voice of ANARC was also debated. The ANARC Constitution and Bylaws forbid radio clubs connected with radio stations from being ANARC members, it was stated, so how could ANARC officially connect itself with one radio station? An amendment was offered to strike the "official voice" language and substitute an expression of gratitude to Ian McFarland, host of the program, and to RCI for a job well done. With the amendment in place, the resolution passed unanimously.

-- one from Stew MacKenzie requiring ANARC to pick the sites (and hosting organizations) for all its future conventions two years in advance (rather than the current one year in advance) was also debated. The resolution also took note that only two bids for the 1984 Convention had been submitted and that an easy way to get the two-year advance system started would be to require that the losing 1984 Convention bid be declared the winning bid for the 1985 Convention. Arguments were advanced that two years really aren't necessary to plan a convention since a local club, if it gets started early and doesn't drag its feet, should be able to handle things in one year. Privately, reps grumbled that Stew MacKenzie was only trying to save face with the proposal since they felt that he felt that his bid would be the 1984 loser and would thus be assured of a 1985 win. The resolution was voted down unanimously. The 1985 Convention site will be decided at the 1984 Convention.

Next was the selection of the 1984 Convention site and host club. Two bids were submitted.

The first, from the Southern California Area DXers (SCADS) was submitted by Stew MacKenzie (not present) and presented orally by Lani Pettit and Evelyn Hampton. It proposed holding the '84 Convention at the Best Western in Huntington Beach, California. The proposed dates were 18

(or 19) through 21 July. It was noted that this was the weekend before the 1984 summer Olympics, being held in nearby Los Angeles, which might be a plus to encourage travel by DXers to the area.

The second, from the Ontario DX Association, was submitted by Harold Sellers (not present) and presented orally by Ron Hopkins. It proposed holding the '84 Convention at the Ramada Renaissance Hotel in Toronto, Ontario. The proposed dates were 20 through 22 July.

Room rates for the two sites were similar and the convention fee for Toronto was lower (with the exchange rate of the Canadian dollar taken into account). The most debate was sparked, however, over the Olympics. It was stated by several reps that the Olympics being held nearby the next week was not a plus for the California bid, it was a big minus, due to the congested airports, bus and train stations, hotels and restaurants and vendor price gouging which are common at and near such large events. It was also commented that the ANARC Convention rarely makes it to the west coast and that it has been a tradition every four years for the Convention to be held on the coast notwithstanding other bids. When the vote was taken, the ODXA's Toronto proposal won by a 3 to 1 ratio. (Votes by ANARC reps are weighted to account for the different-sized clubs the single reps must represent.)

After the General Meeting, the Convention schedule was re-arranged to allow the HAP Auction to be held next. This was to allow those leaving town early to participate. Sam Barto presided over the auction and was highly professional and sometimes humorous. He would often work up the bidding to a high number on a rare shortwave station pennant and would then sell three of them (which he knew he had all along) to the last three bidders, all for the same, slightly reduced price. Some "packages" of items which included radios such as a Sony ICF-S5W went for close to \$100. In four hours, about \$2500 was raised for HAP.

The scheduled HAP Awards were abbreviated and the Closing Ceremonies cancelled to allow people to check out of their hotel rooms as the Convention wound down. On Monday the 18th, some people who stayed an extra day were able to tour the VOA and the District of Columbia Police Communications Center.

MAJOR INDOOR SOCCER LEAGUE RADIO STATIONS

(via Dale Park)

Baltimore	1300 WFBR	Memphis	600 WREC
Buffalo	930 WBEN	New York	Freeport: 1240 WGBB
Chicago	Elmwood Park: 105.9 WXFM	Phoenix	Miami: 1340 KIKO
Cleveland	1100 WWWE		Globe: 100.5 KIKO
Golden Bay	None	Pittsburgh	1320 WJAS
Kansas City	810 KCMO	San Diego	1240 KSON
Los Angeles	Redondo Beach: 93.5 KFOX	St. Louis	1120 KMOX
	West Covina: 98.3 KROB	Wichita	1350 KFH

UNITED STATES FOOTBALL LEAGUE UPDATE

(via Dale Park)

CHICAGO BLITZ Bill Berg, Doug Buffone
1000 WCFL-IL only. No network.

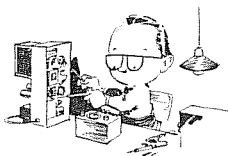
LOS ANGELES EXPRESS Tom Kelly, Rich Marotta
960 KAVR-CA+Apple Valley¹ 1290 KLIQ-OR*Portland
1070 KNX--CA Los Angeles
1080 KZHI-HI Honolulu² -FM-
1260 CFRN-AB Edmonton 102.3 KAPV-CA+Apple Valley¹
NOTES: 1. Co-owned. 2. Dropped games after two months.

OAKLAND INVADERS Joe Strakey, Lee Grosscup, Bob Murphy
810 KGO--CA San Francisco 1530 KFBK-CA Sacramento
1280 KJOY-CA Stockton

PHILADELPHIA STARS Harry Donahue, Vince Papale
560 WFIL-PA only. No network.

the irca technical column

Editor: Nick Hall-Patch
1538 Amphion St.
Victoria, B.C. V8R 4Z6
Canada



The masthead figure this time comes from an ARRL publication via Jim Herkimer. He uses it on his letterhead (most appropriate for an experimenter) and I couldn't resist using it once for the tech column.

First off this time, we have an article from Jim:

Results Using a Random Wire Antenna Phasing Unit

by James G. Herkimer

I thought I'd attempt to re-open the book on phasing units. I built the version described by Mark Connelly (DXM Nov. 21-28, 1981) and am very happy with it. I used J.W. Miller Series 9350 molded coils for the inductors, available from Circuit Specialists, P.O. Box 3047, Scottsdale, AZ 85257. I am currently phasing an 85 foot longwire against the baseboard radiant heating system in our home, consisting of two loops of copper tubing encompassing the two floors of the house.

As Mark pointed out, the phasing system is excellent in reducing man-made electrical noise. This has been proven many nights when the loops here were rendered useless by the high noise levels, yet the phased "longwires" provided clear reception.

Here is a brief comparison of nulls vs. the popular Radio West MW-1 ferrite loop:

<u>Station</u>	<u>Longwires</u>	<u>Radio West loop</u>
550--WGR Buffalo	peak 70 null 20	peak 50 null 30 (non-tilt) tilt 30
930--WBEN Buffalo	peak 80 null 50	peak 80 null 60 tilt 50
950--WBBF Rochester	peak 80 null 40	peak 75 null 55 tilt 45
990--WNYR Rochester	peak 90 null 50	peak 90 null 65 tilt 40
1460--WWWG Rochester	peak 70 null 50	peak 80 null 65 tilt 65
1520--WKBW Buffalo	peak 80 null 40	peak 80 null 65 tilt 60

The receiver used is an R-390A and units are in dB, taken from the S-meter. Of major interest is that I did not use true longwires. Apartment dwellers take note! My location is 17 miles south of Rochester, NY with WHAM's transmitter at 11 miles northwest. A further analysis of what is heard when the above stations are nulled follows:

- WGR-550 I would say that results with the phasing unit are equal to a loop, as at the bottom edge of the band the limitation of my relatively short antennas are obvious.
- WBEN-930 With the loop I can hear CFBC-St. John's, NF underneath. With the phasing unit, WBEN is nearly completely eliminated, leaving CFBC dominating the frequency.
- WNYR-990 This is my second most difficult local to null and I rarely get any kind of a null with the loop. With the phasing unit I can hear WZZD-Philadelphia and CBY-Corner Brook, NF, though not dominating the frequency.

- WBBF-950 With the loop I can hear WWJ-Detroit underneath; with the phasing unit, I can almost totally eliminate WBBF and leave WWJ on top and WIBX-Utica, NY underneath.
- WWWG-1460 With the loop I can hear a pile of weaker stations underneath, and at times some will make it through. With the phasing unit WWWG is nearly completely nulled, leaving WCMB-Harrisburg, PA dominating, and a host of weaker stations underneath. Under certain conditions it is possible to null both WWWG and WCMB.
- WKBW-1520 There isn't much to hear on this frequency, but KOMA will occasionally make it on the loop. With the phasing unit I am currently hearing a Latin, which I suspect is the Cuban reported by Chuck Hutton.

During the daytime I have great difficulty separating stations sharing the same frequency. It seems that the phasing system must separate ground-wave stations from those propagated via the ionosphere.

According to Mark's original article, the minimum length for unamplified "shortwires" is 120 feet. I think that explains why my system seems to fold up at the bottom of the band; I will be trying a pair of 120 foot longwires over the summer.

In conclusion, I think that a phasing system is a worthwhile addition to a DXer's arsenal. The concept of phased Beverages has been around for awhile, but the use of shorter random wires is relatively new, and there is still some room for experimenting along these lines.

* * * * *

An LED S-meter for the "TRF" 12-656

by Derek Claridge

With the LM3915 LED Dot Display Driver IC available at Radio Shack, it seemed like a good idea to try to construct an S-meter for my 12-656 TRF. This IC can drive 10 LED's, one at a time; as the input signal to the IC increases by 3 dB, the next LED down the line lights up. A 30 dB signal variation can thus be indicated with the device. This hardly rivals an S-meter on a good communications receiver, but then the TRF is not an R-7A.

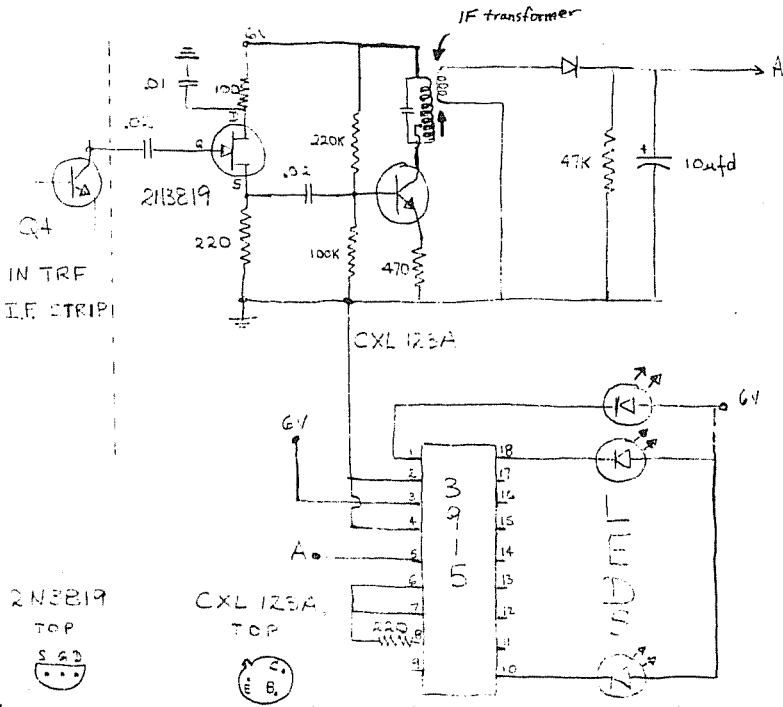
The real problem arose in interfacing the 3915 circuit with the TRF. I had originally approached the problem from the idea of using an op-amp to amplify the DC generated by the AVC circuit. When I found that I only had from 0 to 0.7 volts, and this with a BIG antenna and the local tuned in, it didn't seem too feasible. Most of the signals were barely distinguishable from each other as far as AVC voltage levels went. Perhaps another club member would like to take this approach and follow it through.

So I then approached the problem by sampling the IF signal, amplifying it, and rectifying it to provide sufficient drive for the 3915. At first I had difficulty rectifying the amplified IF signal. After that was accomplished the next hurdle was non-linearity in the gain of the amplifier/rectifier combinations. That was overcome by the introduction of an old IF transformer from a junked transistor radio.

Then there was the fun of matching the available signal to the input of the 3915 chip. That was approached very scientifically, complete with a all the formulae. After that failed, I put two variable pots in place and started cranking until I got what I wanted! Again, empirical method triumphs over pure science!! Anyway, there is an honest 30 dB range on the LEDs and that seems quite sufficient for this type of operation. Incidentally, the CXL 123A transistor I used is simply a Westinghouse general substitute for a small-signal NPN transistor, such as the 2N3904 and many others.

The entire circuit was now placed on a perfboard mounted behind the AC cord compartment of the radio. The cord had been removed as it wasn't being used, and there's room now for a PC1M177 display as well as the S-meter circuit. The 10 LED's are mounted on the front of the radio, spaced evenly from the bottom to the top of the speaker "grille", the highest one indicating the strongest signal. The radio is tuned to the strongest local, and the IF transformer is adjusted so that 1.6 VDC is present at point "A" on the schematic on the next page. Make sure the batteries of the radio are fresh when you make this adjustment. Speaking of batteries, this circuit

draws about 26 mA, even without any LED switched on. You might want to place an on-off switch in the 6 Volt line to conserve the batteries.



Voltages at A, 0.05 - 1.6 VDC
 --- 30dB range.

T.R.F. 12-656

LED "S" METER

MAY 31 1983

DEREK CLARIDGE

The I.F. transformer is used
 to set the maximum signal
 levels for the display.

The radio now indicates relative signal strengths and nulls on locals, semi-locals, and the more powerful clear channels. The null indication is quite useful on nearby stations which simply cannot be nulled by ear alone, as the AVC keeps the volume constant until the station is quite deeply nulled. The S-meter does not indicate on DX signals, but these can be nulled by ear as the TRF's AVC action is minimal on weaker signals. Also, the LED's switching on and off can cause a "whooshing" sound on weak signals, but this interference is generally not a problem when tuning to stations strong enough to fire the first LED.

* * * * *

...the next article first appeared in the CIDX Messenger:

ICOM IC-R70 MODIFICATIONS

IMPROVED AM SELECTIVITY:

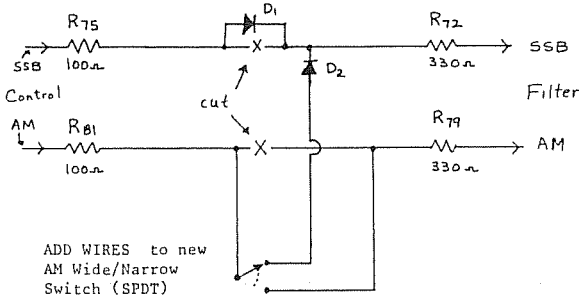
This mod will allow the SSB PBT filter (approx. 2.7 khz) to be used in place of the present 6 khz AM PBT filter. With PBT "OFF" the AM BW will be 2.7 khz. With PBT "ON" the BW may be varied considerably, down to about 1.5 khz. In actual use this is very effective and well worth the trouble of modifying the set.

REFER to your R-70 large fold out schematic.

Locate FI 4 and FI 5 near the center fold. Further locate R81/R79 (AM) and R75/R72 (SSB). Physically, R72 and R79 are located near their filters, while R75 and R 81 are located some distance away. They are joined by wires, not PC traces, which is convenient!

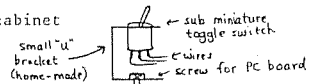
- 1- cut the SSB control wire near R 72 (filter end)
- 2- remove the other wire from R81 to R79 and discard.
- 3- install two diodes at R-72 -i.e. where you removed the one end of the SSB wire.
- 4- install a switch to select between either filter - wire as in diagram below.

D1,D2 1N914 or similiar switching diode. Radio Shack # 276-1620



The switch can be installed in a number of spots (the wires need not be shielded as they only carry a small DC switching voltage) such as :

- 1- the rear panel
- 2- inside the "hatch" on the top of the cabinet



- 3- on the front panel NOISE BLANKER WIDE/NARROW switch which has two sections, only one of which needs to be use. This involves removing the front panel and knobs (with many screws etc). Then remove the NB W/N switch (small screw to the left of it) and separate the terminals and add the 3 wires as in the above diagram. The only drawback is that you tie in the NB time constant with the bandwidth which may be inconvenient in some circumstances. However the added advantage of having the switch on the front (not top or side) more than makes up for it.

ALLOW PREAMP TO FUNCTION BELOW 1600 KHZ

Very simple, just snip the red wire on the right hand side of the set (in the RF bandpass filter section) that goes from R59 (10 k) to L15. This wire provides "BAND 0" data to the preamp control to turn it off. Without the wire, the preamp may be turned on/off via the normal front panel control.

In many cases the preamp will not improve the signal - and may actually contribute more IM distortion etc; however at least now you have the option of using it if you need it. The Preamp runs out of gain below 300 khz approx and definately should not be used down here!

Don Moman

Torrestronics TK-1 Digital Display Kit

by Randy Tomer

During the endless rains last winter I passed some of the time by assembling a Torrestronics digital display kit to use with my HQ-180A. I selected the Torrestronics kit because of its reasonable price (\$100) and because of its versatility--it can be programmed to work with almost any communications receiver simply by exchanging the settings on four DIP switches. It can also be connected to two different receivers at once, reading the frequencies of either one at the flick of a switch, providing the receivers are not triple conversion (and both receivers not running at the same time, I presume). When used with a multiple conversion rig like the HQ-180 it can only accept one receiver without having to reset the DIP switches.

The TK-1 uses 3 red MAN-72 LED's for displaying kHz, and a single green MAN-52 for showing the nearest 0.1 kHz. No MHz is displayed. The unit is housed in a not-so-attractive black metal cabinet and contains its own AC power supply. It will count frequencies on receivers with IF frequencies ranging from 100 kHz to 50 MHz.

Assembly wasn't too difficult, but I've had plenty of experience in kit building. I definitely would not recommend the TK-1 kit for the first-time kit builder unless he is well inclined mechanically, as the assembly instructions aren't quite up to Heathkit standards for clarity. Anyone at all familiar with digital circuitry will have no problem.

PERFORMANCE: Fantastic on the Broadcast Band. The TK-1 introduced little or no QRM on BCB frequencies and could be left on continually, even when using a loop antenna located near the receiver. Shift in oscillator frequency due to adding the oscillator output cable to the receiver was absolutely minimal. In short, great for BCB!

On shortwave frequencies it was a whole different story. I don't know which was worse, the loud popping noise it introduced (which covered all weak DX) or its large degree of de-tuning due to oscillator shift. After tuning to a weak station and measuring its frequency, the station would totally disappear when the TK-1 was switched off, and quite a bit of retuning was required to find the same station again. I assume this problem could easily be corrected by introducing more isolation between the HQ-180's oscillator output and the TK-1, but I simply followed Torrestronics' recommendations, which apparently do not provide enough isolation in my particular receiver. The QRM on shortwave was totally unacceptable to me, so I returned the unit to Torrestronics for testing. A month later it was returned to me stating that it "exceeded all specs" as I had assembled it but that they had added a couple of tantalum capacitors to improve the noise level. I could detect little improvement. Included with the TK-1 this time were instructions for a better way of coupling the display to older tube receivers. This way appears to have much more isolation, but I haven't tried it yet. Ask for these instructions "Mating the TK-1 to Very Old Receivers" if you plan to use the unit with an older tube receiver. I should add that most of the shortwave problems occur in the HQ-180's triple conversion bands, so a simpler single or dual conversion rig would probably have fewer problems with this counter.

There is one other complaint I have about the Torrestronics counter. When switching it on or off, it makes a very loud RF pop that really pins the receiver's S-meter hard. I have developed the habit of turning the RF gain down before switching the counter on or off, but I'd still rather have it not happen to begin with.

All in all I have found the TK-1 to be a very acceptable and affordable performer on the ECB, but not quite so good on the SW bands. It also worked well with my Realistic TRF. It is also available in assembled form (the WTK-1) for \$135. I recommend it especially for use with older receivers with poor dial calibration on the ECB but otherwise having good BCB performance. The operating manuals that come with the TK-1 are excellent. A detailed theory of operation is given, as are detailed instructions for hookup to various receivers. The instruction manual covers hookup mainly for the common ham transceivers, but instructions are also provided for the HQ-180, Drake SPR-4 and R-4C, Yaesu PRG-7, HRO-60, SP-600, and the DX-160. Instructions will be provided for any receiver not in the operating manual. I should add that Al Torres of Torrestronics was very friendly and helpful in answering my questions over the phone. The TK-1 is available from: Torrestronics Inc., 4850 Hollywreath Court, Dayton, OH 45424. Phone (513) 236-2534.

CENTRAL DX ROUNDUP

Robert Kramer
6416 N. Richmond
Chicago, IL 60645

UNIDED, SPECIAL, CHANGES, et. al.

640 WMSO TN COLLIERVILLE, 7/28 2140 testing W/Christian mx, OC. 1ST time on FM. TB-TN
970 KCTP WI SUPERIOR, 7/5 2159 poor W/S/Off, mixing W/WAVG, ex-WAIX. TN-WI
1140 WSAO MS SENATOBIA, 6/18 1215 mx, wx, C&W mx. New freq., ex-1550. TB-TN
1220 WVLE MN STILLWATER, 6/28 2154 fair-good W/MoR mx, IDs, mixing W/CHSC. Ex-WAVN. TN
1360 WABT AL MADISON, 7/20 1210 ID "Great Country Music", ID, fair, new stn. TB-TN
1370 WGNW WI PEWAUKEE, is ex-WOQL, first noted 7/4, still CNN mx, TN-WI

All da Rest

690 WTX LA NEW ORLEANS, 6/21 2240 ID, contest promo, mx, wx, fair U/WKDJ slop. TB-TN
710 KEEL LA SHREVEPORT, 7/28 2120 W/mx, ID "Big hits you forgot", good sig. TB-TN
WDSM WI SUPERIOR, 7/2 2150 poor W/wx, ID, C&W mx, WGN splash. TN-WI
800 WKZI IL CASEY, 7/5 1930 lcl spots, S/Off, fair-poor. AWW-IL
850 WWJC MN DULUTH, 6/3 2143 W/ID into rel pgn, fair. JR-WI
910 WFDF MI FLINT, 6/4 2225 fair-poor "91 WFDF", contest promo. TN-WI
WHSM WI HAYWARD, 7/2 2201 fair-good, ball game, S/Off ment. FM 101.7. TN-WI
920 WBAA IN WEST LAFAYETTE, 6/19 1500 fair W/classical mx, ID. WOKY off 1445-1530. TN,
6/19 1500 W/ID & classical mx, fair. WOKY off several hours. JR-WI
940 WCSW WI SHELL LAKE, 6/28 2159 fair W/rel message, S/Off W/SSB. TN-WI
1090 WAQE WI RICE LAKE, 6/24 2156 fair-poor W/ID, ad. TN-WI
1080 KYMN MN NORTHFIELD, 6/24 2151 fair-poor W/SID, rek mx. TN-WI
1130 WGPU MS GULFPORT, 6/21 2058 ID W/S/Off, no SSB. TB-TN
1230 WXCO WI WAUSAU, 6/3 2215 W/"Best Music-WXCO" slogan & wx, C&W in poor. JR-WI
1380 WNLA MS INDIANOLA, 6/25 1229 ID, lcl nx U/WTNN, fair. TB-TN
1400 WYKC MS GRENADE, 6/25 1236 ID, good sig, ID as "KC 14" U/KWYN. TB-TN
1440 WAJR WV MORGANTOWN, 6/21 0134 W/ID during baseball game, poor W/WROK/WNPL. JR-WI
1470 WMPP IL CHICAGO HEIGHTS, 6/4 2201 fair W/legal ID, "All Gospel Radio", fulltime
1000/1000 now? TN-WI (Yeperoo, ed.)
KLCL IA LAKE CHARLES, 6/22 2227 ID, fair signal. TB-TN
1480 WABB AL MOBILE, 6/27 2143 request mx, atop freq, excellent. TB-TN
1530 WRFM MS FOPPIARVILLE, 6/25 0942 ID, mx, APR nx, fair. TB-TN.
1550 WMOO AL MOBILE, 6/23 0747 ID, wx, rel pgnms., great sig. TB-TN

SCORCHED DXers

TB.... Tom Butas 5083 Skippy Dr. Memphis, TN 38116
(FRG-7, LM)
AWN... Alan W. Nielsen 4222 N. Ridgeway Chicago, IL 60618
(Telefunken Partner International 101 portable, ferrite bar)
TN.... Tim Noonan 7454 West Thurston Circle Milwaukee, WI 53218
(SW-4A, Radio West Loop)
JR.... John Rieger 529A S. 71 Milwaukee, WI 53214
(R-1000, IC-R70, Kowalski loops)

The last time I typed a column, I forgot to list Tim Noonan's name. It is totally forgivable in light of the circumstances. I recently had turned 30 & had not yet learned to deal with the senility that goes with it. As you can see, his name appeared this month. Thus, while still being quite old (I'm checking into old folks homes already), I have learned to remember things I would forget. Speaking of Tim Noonan, it looks like the World series is moving 90 miles down on I-94..

Are there any other VHS videocassette owners out there? If so, please write. Maybe we can trade things. I collect all sorts of comedy stuff & have an extensive list of silent movies, all available for trade.

Los Angeles Times SUNDAY, JUNE 26, 1983

□

SPINNING THE DIAL: As anyone who has traveled Big Sky Country can attest, rock stations are few and far between, an oasis in the midst of innumerable country & Western and gospel stations. Despite its small population of 60,000, Great Falls is one of the few towns with its own rock outlet, KARR-AM, a heavily promoted station that has several large billboards emblazoned with the slogan "KARR Rocks the Falls."

As several rock fans here pointed out, the only problem is that KARR is a local station in name only. With the exception of its morning deejay, hourly newscasts and local advertising promotions, the station is almost entirely automated, using taped deejays and broadcasts that are part of rock-oriented formats sent in

from the Dallas-based Century 21 firm.

Tim Hudson, an area high-school student, sagely explained, "They play some pretty good tunes, like (Pat) Benatar and Styx and (Bob) Seger, but it's like they revolve everyone in a big circle. The guys can almost predict when they're gonna play a Toto song or the new Thomas Dolby hit. It's like clockwork: you could tell time by it."

On the other hand, there's nothing else to choose from here. And according to KARR owner Tim Taylor, who bought the station last year, when it was a low-rated gospel station, the mechanized formula has been a huge success. "We won't get our ratings for another few weeks," he said. "But judging from the call-in response we've gotten, we'll be up near the top of the market."

*1400 kHz.

via Steve Mittman

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

WESTERN DX ROUNDUP

All times are
Eastern Local

Phone for hot WDXR tips: (206)532-6827 till 10pm(PLT)--no collect calls

DEADLINES: Tuesdays Aug. 30, Sept. 13 & 27, Oct. 4, 11, 18 & 25

REPORTERS FOR THIS ISSUE:

- (AD) Alan Davidson-8121 E. Balfour-Tucson, AZ 85710
1963 Ross-Supreme portable
- (EH) Ed Hoffman- P.O. Box 125-Burlington, WA 98233
IC-R70, Mod. R-1000, Sanserino loop
- (CK) Chris Knight-598 S. Clarion Dr.- Pueblo West, CO 81007
Kenwood R-1000, GE Superadio II, Sanseriono loop
- (SMM) Steve Mittman-2248 West 37th Street-San Pedro, CA 90732
Realistic TRF, 3' wedge
- (bp) Bruce Portzer-6546 19 Avenue NE-Seattle, WA 98115
HQ-180A w/4' loop, Realistic TRF
- (JW) John Wallace Jr.-249002 Altamira Drive-Laguna Hills, CA 92653
FR7-7700, homemade tuner, 550' of terminated wire in SW direction
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2

OF SPECIAL INTEREST:

- 600 KOGO CA, San Diego Su 7/3 1320 noted that the stn broadcasts in stereo now. Uses "Stereo 6" slogan. (SMM-CA)
- 860 (KISD) OR, Medford has apparently gone dark. Not noted while in Medford area 7/17-7/22 & not listed in 6/83 phone book. (bp-WA)
- 970 KVIM CA, Coachella Wed 7/6 ex-KCHV, now SS format w/"R. Nueve Setenta (9-70)" IDs. Call only given at top of hour: "You are listening to KVIM, Coachella. Sintonisa usted con Radio KVIM, Coachella, California--Radio Nueve Setenta." Per call to the stn, the AM & FM did a flip-flop. KCHV w/its rock format & NBC affiliation moved to 93.7 FM and KVIM w/its SS format moved to 970 AM (i.e., the AM & FM traded frequencies). Change was effective in February. (SMM-CA)
- 1260 KGIL CA, San Fernando Fr 7/1 1243 (9:43 local time), KGIL AM & FM ended 100% simulcast as FM went light rock as "K94.3." AM is still Big Bands. (SMM-CA)
- 1360 KCNN CA, San Diego MM 7/25 0255 as I was waiting for the DX test to begin, announcer ment. that they would be leaving the air--but beginning tomorrow morn. at 6am, they would be playing mx (Big Bands/MYL-type) 24 hours a day; 7 days a week. (They had been mx on weekends only since Feb.) Thus, KCNN is now ex-all nx (CNN). When I first saw the DX test annct. in DXW I suspected as much, & predicted to a fellow DX'er that a call change would soon follow. (SMM-CA)
- 1440 KRQZ CO, Wray 8/3 1442 very good w/Paul Harvey, Farm Report, ads, IDs, "14-40 Radio" slogans. (CK-CO)
- 1600 (TIS) OR, Detroit Lake TIS listed in Almanac is apparently inactive. Not noted while in area 7/24 & no highway signs proclaim its existence. (bp-WA)

- *****
- 590 KID ID, Idaho Falls 8/1 0313 noted carrying Idaho Falls--Southern Oregon baseball game very late, especially on a MM! Good o/KTHO, KHQ, KUGN. (RW-CA)
 - 600 (KOGO) CA, San Diego 7/11 0500 totally off. (RW-CA)
 - 610 (KPRC) CA, San Francisco 8/1 0300-0730 w/OC most of time, occ. TTs.(RW)
WDAF MO, Kansas City 8/1 0406 good o/KRKE in KPRC OC null w/"61 Country" ID. (RW-CA)
 - KYJC OR, Medford 8/1 0356-0400 fair o/CHNL thru KPRC OC w/YL DJ, ID on hour (same ID they used on 12301) "It's 1:00 on the west coast," then jingle ID "KYJC, Medford." Freq. change, ex-1230. (RW-CA)
 - 620 KIPA HI, Hilo 7/25 0530 poor briefly o/KWFT w/ID ment. NEC nx & JJ programming from "6pm to midnight," then lost u/KWFT in KGW null w/KTAR off. New. (RW-CA)
 - KWFT TX, Wichita Falls 7/25 0508 poor in KGW null w/southern-accented OM giving wx, into slow organ-style C&W mx. (RW-CA)

- 630 KHOW CO, Denver 7/4 fair w/song by Police 0606, then into ID "63 K-H-O-W," faded for a few seconds, and came back w/more adult contemp. mx. 0653 ID "K-H-O-W, Happy Fourth of July, 7 till 5 with John Edwards, here's 007 music" and (you guessed it) into more mx. (JW-CA)
+7/25 0550 good w/KFI off. Pop mx, Gil Gross w/nx at 0600. New. (AD-AZ)
- 640 (KFI) CA, Los Angeles 7/11 0302 & 7/25 0405 totally off. (RW-CA)
+7/25 0401 noted totally off. (EH-WA)
+7/25 0530-0600 noted totally off. (AD-AZ)
- 680 KNBR CA, San Francisco Su 7/10 hrd midday for 2nd time ever w/XETRA-690 off. Extremely faint at best. Occ. hrd such phrases as "ball one," "center field," etc., so no doubt a baseball game was on. Most of the time there was no audible signal whatsoever. (SMM-CA)
(KNBR) 7/25 0305-0630 totally off. (RW-CA)
+7/25 0515 noted totally off. (AD-AZ)
CJOB ME, Winnipeg 7/25 0648 good w/ads, ID, MYL type mx. KNBR off. (EH-WA)
- 690 KZKZ AZ, Flagstaff 7/25 0535 poor u/KHEY w/XETRA off. WYL/EZL mx, slogan "AM 69." New. (AD-AZ)
+8/1 0534 good o/Cuba w/oldies, "KZ" and "AM 69 KZKZ" IDs. XETRA off. (bp-WA)
(XETRA)BCN, Tijuana Su 7/10 1430-1800+ off the air midday for some reason. KNBR poorly hrd, but no signal from KBOI-670 could be detected (though both stns were once logged midday w/XETRA on-- though that was during mid-winter). (SMM-CA)
+7/25 0500 totally off. (RW-CA)
+7/25 0530-0600 noted totally off. (AD-AZ)
- 710 WHB MO, Kansas City 8/1 0435 w/oldies, "71 WHB Kansas City" ID & wx 0450, NBC nx 0500. Good - nil o/u unID teletalk or interview. KIRO/KMPC both off. (bp-WA)
- 760 *KFMB* CA, San Diego 7/9 0432 w/TT. (RW-CA)
- 770 (KOB) NM, Albuquerque 7/18 0238 off 2nd MM in a row w/OC. (RW-CA)
?WAABC? NY, New York 7/11 0313 tent. w/some type of talk show hrd on brief fade up in KXA null w/KOB off. Looking for KJCB. ABC Talkradio not carried this time of morning, I believe. Lost to unID SS (HOLA??). (RW-CA)
- 780 (KROW) NV, Reno 7/19 0430-0530+ went off the air right in the middle of a song, poss. an ET. (RW-CA)
- 800 CHAB SK, Moose Jaw 8/1 0337 very good w/rr mx, ID, XEROK QRM.(CK-CO)
- 810 (KGO) CA, San Francisco 7/17 0419-0423 off for 4 min. due to tech. problems. CHQR in strong. KGO hasn't been off in quite a while now. KPBI wanted here. (RW-CA) (KTBI is a daytimer. --NH)
- 820 ?WAIT? IL, Chicago 7/23 0631 poss. the one fading up o/WBAP w/OM in EE, gone very rapidly, in delicate KGO null. Their s/on in July listed as 0630. (RW-CA)
- 840 *WHAS* KY, Louisville 7/11 0319 w/TT. (RW-CA)
- 850 KICY AK, Nome 8/1 0505-0600+ good o/suspected KTAC most of time w/KOA off. CBS nx, wx (raining, 500), TC of 7 after 11, then ID "KICY for the next 50 minutes will be broadcasting in Russian," into RR by YL. Tent. hrd 3 years ago, now def. Amazed to hear this in middle of summer, no other Alaskans in at the time, either! (RW-CA)
(KOA) CO, Denver 8/1 0310 off. (CK-CO)
+8/1 0504 totally off. (RW-CA)
- 880 KJJR MT, Whitefish 7/16 0423 xlnr, steady in KRVN null way o/KIXI w/rr, ID'ing as "The Great 88." Man called in to congratulate KJJR on their power increase to 10 KW! In a letter rcvd from them in mid-June, they ment. they'd be switching to 880 kHz sometime in "Mid July" w/50kw day, 500w nights, ND both cases. First time a clear channel CP has come on on time, not like KKMC-830, hi. 880 really sounds like a GY now! (RW-CA)
+7/21 0424 good in KIXI null w/wx, "Great Eighty-Eight" slogans, rock songs. Ex-1400. (EH-WA)
- 900 *KBIF* CA, Fresno 7/17 0430 ET'ing w/TT strong in CJVI/KNEW nulls, ID. (RW-CA)
- 930 *KSET* ID, Pocatello 7/21 0436 w/TT o/KHJ. (RW-CA)
- 960 KOOL AZ, Phoenix 7/25 0805 weak u/mess w/Phoenix area wx. (RW-CA)
KNEZ CA, Lompoc 7/25 0821 good o/KABL OC w/SS. (RW-CA)
(KABL) CA, Oakland-San Francisco 7/25 0730-0830 off (w/periods of OC&TT) on very rare SP. (RW-CA)

960 KNDN NM, Farmington 7/25 0803 good through KDOT w/s/on into Indian chanting. (RW-CA)

?KALE? WA, Richland 7/25 0830 tent. w/ment. of "...the northwest's..." lost rapidly, u/KNEZ, CFAC, KDOT. Their s/on listed as 0800, KLAD's as 0900. KALE only one that makes sense. (RW-CA)

980 KFWB CA, Los Angeles 7/22 0440 fair w/KTKT off, local nx, wx 0445, all-nx format. New. (AD-AZ)

990 (KKIS) CA, Pittsburg 7/21 2112 off air for unknown reason. Back on RS at 2359 recheck. (RW-CA)

KBLS CA, Santa Barbara 7/21 2219 strong & alone w/KKIS off. MYL, nice ID. (RW-CA)

KNIN TX, Wichita Falls 7/11 0732 fair o/KTKT w/ID "K-nine news time is 6:32." (RW-CA)

+Fr 7/15 0725 fair u/XECL OC w/pop mx, ID's. "KNIN weather forecast" w/Don --- at 0733, then into more pop mx till XECL "s/on" at 0744. Per SR map, KNIN shouldn't boost power (1 - 10kw) until 0730, so did they boost early, or did I log them on 1kw?! Also, XECL OC was actually beneficial in that it helped reduce the KFWB-980 splatter. Stn # 650. (SMM-CA)

+8/1 0400 carrying AT-40 at this ridiculous hour, playing "Hit # 10" at this time. (CK-CG)

1000 KRHS AZ, Bullhead City 7/21 2300 fair at s/off in KIQI null w/KKIS off. (RW-CA)

KOMO WA, Seattle 7/11 0508 & 7/25 0358 w/TT. (RW-CA)

1010 KKEG AZ, Tolleson 8/1 0502 good w/relig. rr mx. New. (AD-AZ)

KIQI CA, Sunnyvale 7/19 0518 on w/ET w/ID, OC, rr mx. (RW-CA)

1030 WBZ MA, Boston 7/11 0257 blasting in w/talk show, fine cx to EC tonight. (RW-CA)

1080 KRLD TX, Dallas 7/4 0625 ID "KRLD newstime 5:25." Strong, then faded to come back as fair to poor reception. Gave a great wx report/cx forecast but I didn't have the tape button pushed all the way down. (JW-CA)

1100 (KFAX) CA, San Francisco 7/24 0320 totally off. (RW-CA)

1110 KFAB NE, Omaha 7/4 0630 w/C&W mx and ID as "This is K-F-A-B 5:30 news, it's 67 degrees in Omaha," wx, etc. KRLA Pasadena was off the air. Good reception! (JW-CA)

1120 (KPNW) OR, Eugene-Springfield 8/1 0406 w/OC. (RW-CA)

1140 (KRAK) CA, Sacramento 7/22 0242 totally off briefly w/tech. problems, KGEM/KWJJ strong. (RW-CA)

1160 *KSL* UT, Salt Lake City 7/6 0429 w/TT. (RW-CA)

1170 (KLOK) CA, San Jose 7/9 0417 totally off, back on RS 0700. 7/30 0400-0730 totally off. (RW-CA)

1200 ?KFNW? ND, West Fargo 7/30 0645-0653 tent. o/u WOAI w/preacher, suddenly faded up at 0645 which is the Fargo July SR zone per SR maps. Lost by 0653. (RW-CA)

WOAI TX, San Antonio 7/11 0247 w/OC. (RW-CA)

1230 (KDZA) CO, Pueblo 8/1 0238 off because of xmtr difficulties. Back on at 0253. (CK-CO)

KWTX TX, Waco 8/1 0248 good w/C&W mx, TC, ID. (CK-CO)

1240 KPPC CA, Pasadena Su 6/12 1645 noted w/relig. programming in SS. Legal ID at 1700 was in EE & SS. (SMM-CA)

KLOA CA, Ridgecrest 7/19 0304 finally hrd my most-wanted CA stn after 3 years. S/off w/distinct SSB way u/KJOP s/off thru mess. New. NRC lists s/off as 0307. (RW-CA)

1260 KYA CA, San Francisco 8/1 0212 oldies mx, ID, very good. (CK-CO)

KSNO CO, Aspen 8/1 (1st MM) 0200-0205 xlnt on f/c w/ID. Not listed for 1st MM per '83 f/c list. (CK-CO)

KVSF NM, Santa Fe 7/26 0254 fair w/severe fading. R&B mx, NBC nx 0300. (AD-AZ)

1310 (KDIA) CA, Oakland 7/18 0321 totally off. KZZP/KEIN in. (RW-CA)

1350 *KIDN* CO, Pueblo 8/1 0200-0230 has OC every MM during this time. (CK)

WSMB LA, New Orleans 7/26 0252 shock in KSRU null. Freak fade up w/promo for "1350 cash card" w/clear ment. of WSMB, then lost. Tuned in exactly at the right time. Don't think this has been hrd in Bay Area in a while. New. (RW-CA)

KABQ NM, Albuquerque 7/10 0500 good w/ID, SS way o/KIDN. Common at SRS here, but rare at night. (RW-CA)

+8/1 0231 SS poor thru KIDN OD w/jingle: "Kah-ah-beh" whispered by YL then "Coo" shouted by chorus. (CK-CO)

1370 (KEEN) CA, San Jose 7/27 0340 noted totally off. (RW-CA)

1380 KOTA SD, Rapid City 7/25 0700 fair at s/on w/NA into CBS nx. KRKO off. (EH-WA)

KTSM TX, El Paso 7/29 2205 fair w/NBC nx, Larry King promo, then into Talknet. New. (AD-AZ)

- 1400 KARR MT, Great Falls 7/23 0700 briefly at s/on w/usual details. (EH)
 KTRC NM, Santa Fe 7/4 0700 ID "The time now is 5:00, you are tuned to K-T-R-C. It's 54 degrees, ABC news is coming up." Then into ABC nx. Fair reception. (JW-CA)
- 1410 KVEG NV, N. Las Vegas 8/1 0415 fair, w/C&W mx, YL DJ. New. (AD-AZ)
 KWYO WY, Sheridan 8/1 0730 way u/KERN,CFUN, KCAL w/s/on w/SSB, into state mx. Been after this for a year & a half now. New. (RW-CA)
- 1430 KARM CA, Fresno 8/1 0323 "muddy" ID only thru someone's OC: "You are tuned to 14-30 KARM." (CK-CO)
- *KNTA* CA, Santa Clara 7/18 0357 w/OC, TT. (RW-CA)
- 1440 KPUR TX, Amarillo 7/13 0422 strong w/ID wiping out both KUHL & KMED. 1st time ever hrd other than on a MM. (RW-CA)
- 1450 KPSI CA, Palm Springs 7/31 0506 good o/KVEN in KONE null w/KEST off. AI nx, ID "You're listening to your favorites, on AM 14-50, KPSI." (RW-CA)
- (KEST) CA, San Francisco 7/31 0504 totally off, TT later on. (RW-CA)
- 1460 (KDON) CA, Salinas 7/24 0332 off w/periods of OC, TT. KWMX/XEYC/KDON/KTYM mix, no sign of needed KGAA! (RW-CA)
- KYSN CO, Colorado Springs 7/5 0705 fair w/KMMX, "Kissin" slogans, rr mx. (EH-WA)
- ?KLTG? ND, Dickinson 7/24 0500 tent. w/what sounded like a s/on u/KMEX. Listed as 24 hours, though. Ideas? (RW-CA)
- 1470 *KXOA* CA, Sacramento 7/18 0517 w/TT. (RW-CA)
- 1500 *KHTT* CA, San Jose 7/11 0330 w/TT. (RW-CA)
- 1510 KDKO CO, Littleton 7/20 0515 fair w/soul, R&B mx. (AD-AZ)
 ?KZZI? UT, West Jordan 8/1 0830 tent. w/s/on thru extreme KHTT-1500 slop. Into SS. No details discernible shatsoever. Looping KZZI loops KHTT's studios! (RW-CA)
- 1530 *KFPBK* CA, Sacramento 7/11 0424 w/OC. (RW-CA)
- 1540 (KZLA) CA, Los Angeles 8/1 0324 noted w/s/off annct, then OC. (RW-CA)
- 1550 WOKJ MS, Jackson 7/11 0445 s/on u/TT'er, KRGO. Sounded like rr format. (EH-WA)
- 1580 *KDAY* CA, Santa Monica 7/25 0442 w/TT. (RW-CA)
- 1590 *KJET* WA, Seattle 8/1 0358 ET w/OC, ID 0400 w/about 20 sec. of sound-track from the film "Casablanca," then jet plane sound & "1600 K-J-E-T Seattle," into randomly and rapidly varying audio tones. I listened for about 30 sec., trying to decide whether they were still ET'ing or had gone back to RS w/some bizarre New Wave tune, hi. (bp-WA)
- DX TEST:
- 1360 KCNN CA, San Diego MM 7/25 0301:45 DX Test hrd w/xlnt signal. Anncr ment that they were on w/5kw "...for equipment and special worldwide DX reception." Then gave address for DX QSL's. Also had TT's & spelled out "C-N-N" and "K-C-N-N." Great test! Some QRM from strong KLFF & occ. an unID Mexican (XEDI?). (SMM-CA)
 +7/25 0320 good usual signal in KEEN null o/KLFF w/TT's, periods of OC, one ID noted. (RW-CA)

July f/c's heard:

- 1st Tu 0300-0315 KINO-1230 AZ (RW-CA)
 2nd MM 0205-0215 KVOW-1450 WY (RW-CA)
 0735-0745 KWOR-1340 WY (RW-CA)
 0745-0755 KPAG-1400 CO (RW-CA)
 3rd Fr 0200-0215 KGAK-1330 NM (RW-CA) (only on 0200-0205)

August f/c's heard:

- 1st MM 0200-0205 KSNO-1260 CO (CK-CO)
 0225-0235 KKAA-1560 SD (CK-CO) (RW-CA)

July f/c's tentatively heard:

- 1st Th 0210-0220 KOJK--610 MT (RW-CA)
 2nd MM 0240-0250 KBYM-1240 MT (RW-CA)
 2nd Tu 0750-0800 KJLN--980 CO (RW-CA)
 3rd MM 0110-0114 KEDD-1550 KS (RW-CA)
 0200-0210 KPOR-1340 ND (RW-CA)
 0230-0240 KSIL-1340 NM (RW-CA)

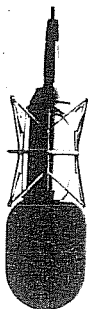
August f/c tentatively heard:

- 1st MM 0145-0150 KCCR-1240 SD (CK-CO)



July f/c's not heard:

1st We 0215-0230 KRRR-1360 NM (RW-CA)
 1st Th 0200-0210 KBMN-1230 MT (RW-CA)
 0230-0240 KDSJ--980 MT (RW-CA)
 2nd Su 0200-0210 KWIV-1470 WY (RW-CA)
 2nd MM 0200-0210 KSN0-1260 CO (RW-CA) (CK hrd them 1st MM.--NH)
 0220-0230 KTOQ-1340 SD (RW-CA)
 0245-0255 KSYX-1340 NM (RW-CA)
 0650-0700 KMKR-1450 CO (RW-CA)
 0215-0230 KVSF-1260 NM (RW-CA)
 0230-0240 KCLV-1240 NM (RW-CA)
 2nd Th 0200-0210 KICA--980 NM (RW-CA)
 0220-0230 KBMN-1230 MT (RW-CA)
 0230-0240 KDSJ--980 SD (RW-CA)
 2nd Sa 0200-0210 KRBN-1450 MT (RW-CA)
 0210-0220 KLMX-1450 NM (RW-CA)
 0215-0230 KAHL-1410 NE (RW-CA)
 0230-0240 KEXO-1230 CO (RW-CA)
 0230-0240 KIMM-1150 SD (RW-CA)
 3rd MM 0100-0110 KQNK-1530 KS (RW-CA)
 0120-0130 KVSH--940 NE (RW-CA)
 0220-0230 KYCN-1340 WY (RW-CA)
 0210-0220 KPRK-1340 MT (RW-CA)
 0245-0300 KXPO-1340 ND (RW-CA)
 0530-0545 KMUS-1380 OK (RW-CA)
 3rd Th 0203-0219 (time rptd by bp) KDSJ-980 SD (RW-CA)
 0200-0210 KICA--980 NM (RW-CA)
 0220-0230 KTHE-1240 WY (RW-CA)
 0230-0240 KIMM-1150 SD (RW-CA)
 3rd Fr 0215-0230 KRTR-1490 NM (RW-CA)
 4th MM 0200-0210 KOAL-1230 UT (RW-CA)
 4th Fr 0100-0115 KTLQ-1350 OK (RW-CA)
 0145-0200 KSIW-1450 OK (RW-CA)



NATIONAL PUBLIC RADIO

2024 M. J. ...
 W. ...

August f/c's not heard:

1st MM 0110-0125 KQNK-1530 KS (CK-CO) (RW-CA)
 0300-0315 KQIK-1230 OR (RW-CA)

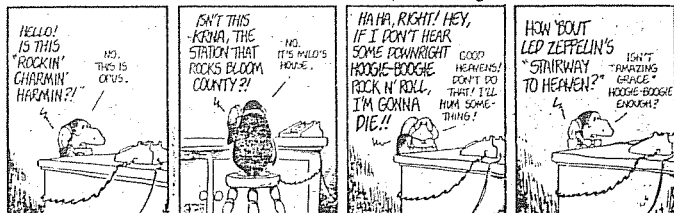
UNIDS:

540 7/15 0425 unID OC, TT, looping SE. Probably KNAK, but the way KJJR just came on the air, maybe Hesperia. CA? (RW-CA)
 840 7/25 0231 unID OC strong on 840, TT also. O/WHAS. Could've been "modulation splash" from KOA's TT, but seemed to be distinctly by itself on the freq. (RW-CA)
 840 8/1 brief bursts of 1 kHz TT o/WHAS 0352. Low pitched (approx. 400 Hz) TT 0356. (bp-WA)
 1000 8/1 0230 unID OC strong in KOMO null, modulating from 990-1010. Possibly KKIM? Or KRZD back on 10kw? (RW-CA)
 1240 7/9 0304 s/off w/SSB u/KSMA/KJOP s/off in KNRY null, KSUE off minutes later. KLOA only one that makes sense, still needed here.(RW)
 1260 8/1 0200-0205 TT'er strong in KYA null. KPFG f/c listed at this time, had applied for 5kw, but doubt would be this strong. Tuned out 0204 for a second, came back to hear ID "... now concluding our equipment testing." Suspect either KTEE or KVSF. (RW-CA)
 1340 7/4 0710 "KNOH" or "KNLH" and C&W it seems. Any ideas? (JW-CA)
 1410 7/20 0438 unID TT strong o/KERN. Poss. either KRML or KMVC. Maybe KRML getting ready to go nights? (RW-CA)

Welcome to WDXR, Alan. We hope you will report often! If this is a "summer" WDXR, I wonder what a "winter" one will be like, hi. Great work, westeners! ♡

BLOOM COUNTY

by Berke Breathed



via Dale Park

DX WORLDWIDE- EAST
NEIL KAZAROSS- editor
HAMPSHIRE PLACE APT. 307H
45 Macy St.
Amesbury, MA 01913

First of all, I must say, Thank You!" to the membership of IRCA for electing me to the E.O.D. Secondly, I understand that this column didn't make it into last weeks DXM (make that last months) I mailed it, but the postal service in this town is hopeless. For example, they couldn't find my apartment address on the last issue of DXM & sent it back to HQ!!

After Sept. 24 I will have the following new address:

Neil Kazaross
P.O.Box 1908
Ogunquit, ME 03907

Summer cx have been reasonably good for the four of us this issue who DX from coastal QTH's.

TRANS ATLANTIC SUMMER DX SPANFIDE

- 164 FRANCE 0343 Jul 10 Allouis good w/FF comedienne, sound of laughter (KC-MA) + 0210 July 7 FF talk p-f. (GH-NY)
- 185 W. GERMANY 0344 July 10 SaarLouis to fr peaks w/ pop mx; sloped by TUR (Rantucket) on 194. (MC-MA) + 0253 July 9 FF talk-fair. (GH-NY)
- 200 ENGLAND Droitwich 0215 July 7 accented FF talk, pr. (GH-NY)
- 209 MOROCCO 0345 July 10 Azilal gd w/ male AA a-cappella chanting. (MC)
- 218 MOROCCO 0347 July 10 Roumoules fr w/FF talk; GRN from GLE beacon (MC)
- 254 UNID prob Algeria 0218 Jul 7 AA talk AA mx not listed in WRTH - prob from 251. Yep, and // 891, too- ed.
- 254a ALGERIA 0352 July 10 Tipaza loud, local-like w/ male AA a-cappella vocal: this is the loudest LW TA in at the time. (MC-MA)
- 549 ALGERIA big signal w/ AA o/CFNE het 0025 Aug 4. (Kaz-NE)
- 585 SPAIN confusing me here w/African sounding rhythms & a song which I thought was in accented FF. CW w/ "R.R....." ID in lang I wasn't sure of 0028 Aug 4. Similar pmg hrd later at 0058 on 729//738. Later was in again 0155 w/ YL SS (definite SS) ancr & a variety of pop mx. SS YL w/"R.R....." ID again at 0203. Looks like N.H.S. has a cultural pm. (Kaz-NE)
- 621 CANARY ISLANDS Tenerife noted 0023 Aug 4 w/SS thru loud het. (Kaz-NE)
- 666 PORTUGAL Lisboa Aug 1 0255-0310 mx, time pip on hour; then chines, fol. by W giving mx in lang. Tnx to Hakiel for tip (KS-NY) + 0411 Aug 1 II talk mx poor. (GH-NY)
- 684 UNID Aug 1 0307/01 mx (Mozart Flute quartet?) fol by W in UNID lang. (KS-NY) Likely Spain, maybe Yugoslavia -ed
- 720 PORTUGAL Norte-Azurara fair 0045 Aug 4 in null of YVOR w/FF song & in ancr. NO WGN noted until an hour later. (Kaz-NE)
- 729 SPAIN Oviedo et al 0055 // 738 w/African flavored mx. I think WGN must carrier cultural pms. (Kaz-NE)
- 738 SPAIN Aug 1 0319-0325 drums (African style) no idea (KS-NY) Maybe Spain as I noted above. I would doubt Mozambique but from your QTH anything may be possible -ed
- 783 UNID soft mx poor & lost at 0138 Aug 4. (Kaz-NE) Maybe W.Germany Portugal is listed off at 0100 but I'm not sure of this -ed.
- 819 MOROCCO Rabat pr w/AA mx 0106 Aug 4 w/LA GRN nulled (Kaz-NE)
- 855 SPAIN Murcia 0326 Aug 1 - SS pop mx vocals, SS talk by YL FR. (GH)
- 891 ALGERIA Algiers xint at = strength w/nulled FVWV which was also in at an almost local lvl. AA talk 0026 Aug 4. Best TA as usual (Kaz-NE)
- 909 UNID big het here looping east same as 621 0026 Aug 4. A new stn. 10 kw I think has opened here in the Canarie Islands. FY 0045 this had faded. Later at about 0200 the British het was noted to the northeast. (Kaz-NE)
- 1035 PORTUGAL Porto Alto 0112 Aug 1 US Rock mx w/EE Vocal FF talk, gd. (GH-NY)
- 1044 UNID July 25 0451 Middle-eastern mx 0455 on peak, but back to het only later (looped south of Europe) (KS-NY) Morocco -ed
- 1062 PORTUGAL Norte-Azurara 0245 Aug 1 Piano mx, FF talk, fr sig. (GH-NY)
- + Jul 25 0452 soft mx w/bad WGN splatter (KS-NY)
- 1305 SENEGAL Dakar fr-gd w/OM in FF into choral mx (anthem I guess) 2359 Aug 8 at s/off. Carrier soon cut. Last hrd in RI 5 years ago. (Kaz-NE) Please interpret that to mean my last reception -ed
- 1349 MAURITANIA ripping 1350 w/het but no discernable audio during bad T-storm GRN 2352 Aug 8. (Kaz-NE)
- 1375 ST. PIERRE et MIQUELON 0039 June 30 Disco mx, FF talk. Best sig since winter xint. (GH-NY)
- 1404 GUINEA Conakry 0045 Jul 21 AA mx, usual good carrier, poor mod. (GH-NY) + gd-v.gd w/ Afro chanting & soft Afro mx. Semi local WIDE nulled. 2357 Aug 8 (Kaz-NE)

- 1413 t OMAN Jul 23 0200 carrier only, but strong at times. (MS-NY) + (T) pr-fr w/some audio briefly surfacing 0248 and soon faded to a het Aug 6. Sounded like Mid-eastern mx. BBCWS listed for this time however & this was not BBCWS per SW //. Didn't sound at all like SS & the Yugoslav doesn't come on 'til 0400 per WRTH & Hakiel reception. (Cops they're listed 24 hrs on weekends) I'm not sure whats up on 1413, but beware that stn's other than Oman are very possible here. At this time the Saudi on 1521 (a similar path) was very strong. (Kaz-RI)
- 1521 SAUDI ARABIA Duba 0056 June 30 AA chants, AA talk, nice sig. v.gd. (GH-NY) + 0302 Aug 6. Mangling WKBW w/AA talk & mx during gd. high end opening. 1512 was in also but semi-local WMRE prevented audio reception (Kaz-RI)
- 1566 t AZORES Santa Maria pr-fr 0002-0009 when lost in domestic slop Aug 8. Played a variety of moderate tempo songs and M&W ancrs. speaking briefly inbetween songs. Lang. was a romance lang. (i.e. II,SS,FF, or FI); I didn't here enough thru increasing WQXR audio spikes to be sure. (Kaz-ME)
- 1593 W.GERFANY Langenberg 0107 Jul 24 GG talk, p-f. (GH-NY) + gd-v.gd using only amplified 25' wires in cellar. Soft mx & GG W ancr 0306-0310 Aug 6. (kaz-RI)

Please note that I'm using the abbreviations M for man & W for woman as the use of OM & YL offends certain people.

EAR AMERICAN EX ROUNDUP

- 535 GRENADA 0353-0357 Jul 10 Hourne Rouge xlint (must be running high power now) reggae mx fol by Carib ^{EE} talk about local events(MC)
- 570 VENEZUELA 0358 Jul 10 Villa de Cura YVLX totally rolling o/WMCA/ Cuba; Rumbos ID's, SS talk, doorbells-loud. (MC-MA)
- 630 PUERTO RICO 0403 Jul 10 San Juan WJES superloud, annihilating WJEC-- fast mx, Salsa Setenta-Tres ID's (MC-MA)
- 640 SURINAM Paramaribo 0103 Jul 27 briefly atop Guadeloupe/YVQO w/ usual weird Hindustani mx. (Kaz-ME)
- 660 UNID LA noted thru WCBS null 0110 Jul 27 was prob YVNA as cx were quite good to Ven. at the time. (Kaz-ME)
- 690 ARGUILLA 0406 Jul 10 The Valley Caribbean Beacon xlint, strong: way o/CEP w/ no sign of Cuba. Was actually stronger than // 1610! All of a sudden this has become an easy catch on 690. (MC-MA) For me, this has been quite easy some nights & impossible others from RI, I've had the best luck at sunset before Cuba fades in-ed
- 690 UNID LA prob the YV in u/CEP looping YV w/ lively SS mx, Cuba was noted in CBF null 0147 Aug 4. (Kaz-ME)
- 700 JAMAICA Montego Bay 0348 Aug 1 Rlg. mx w/ nice choral singing-preacher stated pgm was coming from Jamaica, fr. (GH-NY)
- 730 TRINIDAD Port of Spain my first reception of this one in 4 years noted w/ heavily accented Carib. EE M speaking about economic problems relating to foreign markets & undeveloped industries. Sig. pr-fr u/w CKAC w/TA het nulled, 0050 Aug 4. Lasted a few minutes and gradually gave way to a SS LA, prob YV (Kaz-ME)
- 705 ST. VINCENT June 31 0139 man talking in island accented EE; good strength but poor audio. (MS-NY) Lousy mod on this one lately-ed
- 730 COLOMBIA Bogota HJCU 0141 Jul 6 HJ Accordion mx" R.Melodia" ID o/several LA's, good. (GH-NY)
- 735 ECUADOR Quito HGG-1 0335 Jul 8 Quaint Ecuadorian mx, anncr w/ deep reverb, "R.Melodia" ID Good. (GH-NY)
- 760 VENEZUELA Puerto la Cruz YVQO awesome local-like sig. w/ad for a local election 0105 Aug 4. I've yet to hear any trace of the Cuban Reloj pest here in Maine and YVQO + loss of direct water-path are the reasons why. (Kaz-ME)
- 790 UNID SS LA noted w/rhythmic mx 0142 Aug 4, u/WEAN & others. I'm still trying for Barbados here. (Kaz-ME)
- 810 COLOMBIA Bogota HJCY 0133 Jul 6 mx in SS. R.Sutatenza ID way o/WSY good. (GH-NY)
- 820 VENEZUELA Upata YVSH tremendous signal. w/" en su nueva R.Guayana" ID 0109 Aug 4 during great cx to Ven. area in this frq. range(K-ME)
- 840 ST.LUCIA Castries xlint w/Calyppo mx fol by Croele M ancr 0110 Aug 4. (Kaz-ME)
- 860 DOMINICAN REPUBLIC Santa Domingo HILR v. gd in CJRC null during semi-AU cx w/ R.Clarin ID 0258. On some good LA nights this stn is in well & on others nothing. Do they have an erratic power output or schedule? (Kaz-MA) Aug 8
- 870 ARGENTINA Buenos Aires LRA-1 0432 Jul 9 band mx, SS talk- 3 pips at 0430 fair. (GH-NY)
- 890 VENEZUELA Valencia YVLW blasting in w/R.America ID into lively LA mx 0128 Jul 27. (Kaz-ME)
- 895 COLOMBIA Santa Marta HJFM gd-v.g w/break in coverage of ss sx

895 event to give R.Galeon TD. 0204 Aug 4. (Kaz-ME)

Some day I'll get smart and get a non-photo blue pencil and mark a bottom margin so this doesn't happen-ed.

- 914 SURINAM Nieux Nickerie good sig, but poor audio due to QRM from WHJJ/WABI - man in strange lang as usual 0050 Jul 27. Ey 0110 this was considerably weaker and almost buried by QRM-(Kaz-ME)
- 915 ECUADOR Machala HCRG-3 0205 Jul 28 nice LA mx, SS talk, fr-sig. (GH-NY) + June 17 0250, typical LA mx; ID (MS-NY)
- 920 UNID but prob HJAE noted 0308-0310 fade u/WHJJ in semi-AU cx w/ HG-type accordion mx Aug 8. (Kaz-MA)
- 945 UNID Jul 3 0425+ soft jazz faded out before ID(MS-NY)
- 965 ECUADOR Santo Domingo de los Colorados HCOF 0133 Jul 29 LA mx, SS talk, ID hrd // 5395, fr sig as good as SA //. (GH-NY)
- 1000 VENEZUELA/UNID Jun 17 R.MIL & R.di Capocanto fighting it out for dominance. (MS-NY) I don't have any ideas about who R.di Cap' was
- 1000 VENEZUELA Moron YVMA, LOCAL-LIKE w/Rundial Mil ID & lively LA mx 0159 Jul 27. (Kaz-ME)
- 1040 COLOMBIA 0419 Jul 10 Barranquilla HJAI w/CARACOL ID gd, way o/ others(ME-MA)
- 1100 t ANTIGUA MW assumed Jul 30 0750-0825 w/ reggae mx w/ EE lyrics but no ID on hour; filed complaint w/FCC next morning. (MS-NY)
- + 0034 Jun 30 sx talk show about basketball, good. (GH-NY)
- 1100 COLOMBIA Barranquilla HJAF Jul 25 0300 lively LA mx, frequent R.Relej ID's (MS-NY)
- *** 1100 ** BRAZIL Sao Paulo EYK694 0021 Jul 28 rapid IP talking ancr same CW as hrd on the other "Globo" sta. tho not tonight. Quickly surrender channel to Colombia, Venezuelan & US stn's. (GH-NY) Nice catch in the couple of times this has been hrd in the last few years, one was early eve pre-HS fade in & the other was after midnight, thru the HEAT QRM.-ed.
- 1150 t COLOMBIA Barranquilla HJAC likely w/Barranquilla ment way u/WNEV 0057 Jul 27. (Kaz-ME)
- 1200 VENEZUELA UNID Jul 25 0235 R.Nacional de Escuela(?) ID, then anthem (sung) then CI mx & ment of cultural events in Ven. (MS-NY) Most likely R.Tiempo w/ a cultural pgm unless there's something new here. They're the dominant YV here at least 95% of the time from my observations.-ed.
- 1220 COLOMBIA Barranquilla HJVF 0056 Jul 28 LA love songs, then talk by MBE, good. - short turn of the loop and R.Globo comes in. (GH-NY) What more Brazilians !?!!! don't say such things or you'll make me regret not taking that job on L.I. -ed
- 1220 BRAZIL Riode Janeiro EYJ458 0036 Jul 7 rapid talking P.L.M.// 6035-gone quickly as other stn's came into the picture. (GH-NY)
- 1472a UNID het noted here. Strong enough to have been audible w/ a selective communications rx. 0023 Aug 9. (Kaz-ME) HIEH used to be drifting around here -ed.
- 1520 PUERTO RICO/COLOMBIA WRAI presumed in quite well in semi-au cx 0024, gave way to R. Minuto HJLT Barranquilla w/ full ID 0026 & back to WRAI w/ P.R. ment's. 0027 Aug 9. (Kaz-ME)
- 1530 VENEZUELA UNID here w/two Venezuela ment's after primitive sounding LA mx, GPT-4 TC into LA ballad. 0212 Aug 4. Faded 0217 into low growl. I logged (Several ID's) R.Sur here from RI during super AU cx in late Jul'81. WRTN lists the other YV here as R. San Felipe being a CI -ed (Kaz-ME)
- 1550 UNID briefly strong w/"En la Plata" & "La Plata" ments fol by many names given by deep voiced SS M. ID as R."....." w/ the key slogan being multi-syllabic. Gave GPT-4 TC of 8:24 at 0022 Aug 9. Possibly R.Enriquillo in D.R., wasn't R.Cafe, no YV's listed here and R.PPP which was noted on top at 0029 is GPT-5 in Colombia (K-ME)

Well. I'm late w/ this one too. We've been busy with wedding preparations and will be married Aug 28 in E.I. I'm also very guilty of taking Expeditions to Maine instead of typing. Remember Maine address for me after Sept. 24.

CONTRIBUTORS

- Rail Kazaross TXing at Ogunquit Beach, ME- modTRF, MW-1, mosquito repellent + DXing in Pawtucket, RI R70, Sanserino Loop + DXing at home for once (hi) in Amesbury, MA R70 Sanserino Loop
- Patt Stutterheim POB 2576 Montauk, NY BX PARADISE Rohde & Schwartz EK-07 Racal RA-6217A, R390, R390A, antenna farm.
- Mark Connelly 7 Trowbridge Path W. Yarmouth, MA 02673 Sony ICF-2001, 30 meter slopping LW tuned w/homerbrew PET tuner/amp.
- George Hakiel 779 Van Buren Ave. W. Islip, NY 11795 R7A, R70(mod) Martens Loop, 4' box loop, lw's, etc.

DX WORLDWIDE EAST

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Please note: the above address (which was not typed in the right order) is valid until late September. Look for a new address in the next several DXWW-E's as I should have a PO Box in Ogunquit, ME, by then.

TRANS ATLANTIC DX ROUNDUP

- 254 ALGERIA is here now ex-251, noted 0247-0252 June 30 w/ AA moaning // 891 w/ fr-gd signal. Prob, would have been really strong but I don't have an antenna to tune LW here at the apt. Thanx to Hakiel for tip. (Kaz-MA)
- 549 ALGERIA Les Trembles putting a tremendous het on CFNB with a very strong signal. AA talk fr-gd mixed with the het 0232 June 22. (Kaz-ME)
- 585 UNID May 15 0450 w/ opera(Stutterheim-NY) Should be Spain -ed unless it was a LA drifter -ed
- 819 MOROCCO Sebaa-Aioun pr-fr w/ slight het 0122 June 22 w/M in AA (Kaz-ME) Oops, location is Rabat! -ed
- 891 ALGERIA Algiers unbelievably strong- almost as good as any other station on the dial!! OM in AA 101. by AA YL chanting 0704 June 22. Later at 0245 this was still significantly o/ WLS which was at its usual nighttime signal level. (Kaz-ME)
- 711 UNID het noted 0056 June 22, France is listed off then maybe this was Morocco as N.Africans were exceptionally good. (Kaz-ME)
- 792 UNID Het noted in well, but TRF could not extract audio 0058 June 22. France is listed off at this time so maybe this was Sevilla. (Kaz-ME)
- 855 SPAIN Murcia 0425 June 12, vocal by SS YL, SS talk, poor(Hakiel)
- 1035 PORTUGAL good with // pgmg to 1062 0230+. Various slow vocals; M&W, then a US pop tune, 5 time pips on hour @ 0300, the electronic SF (Sound effects) then mx. (Stutterheim-NY) Same here June 26 w/ 1035 pr // stronger 1062 at 0220 (Kaz-RI) Porto Alto noted 0350 May 31 H talk by M&W, fair (Hakiel-NY)
- 1044 MOROCCO Sebaa-Aioun 0210 June 22 fr-gd w/ FF talk in some WBZ/ WHN slop. (Kaz-ME)
- 1062 PORTUGAL Norte Azurara 0405 May 31 FF talk, band mx, fr. (Hakiel) Good // 1062 0230-0300 (Date?-ED) (Stutterheim-NY) Fair thru/ 1060 het w/ pop mx. 0120 Jun 22. (Kaz-ME) V.gd // 1035 0220 Jun 26 w/ FF song & OM ancr. in FF. (Kaz-RI)
- 1197 MOROCCO Agadir pr-fr w/ OM in AA sounding lang 0214 June 22. Hets of considerable power noted from 1116 & 1233 & several other Moroccans. (Kaz-ME)
- 1375 ST.PIERRE strong w/pop mx;"More" & " I could Hve Danced All Night" June 13 0056- no ID on hour. (I filed complaint w/ FCC-hi) (MS) If I lived in Montauk, I wouldn't dance all night - but I sure would DX !!-ed.
- 1415 OMAN Masirah Island noted to fair peak at 0132 June 26 w/ Mid-Eastern chanting & mx. Faded 0134 (Urdu is listed at the time) Saudi Arabia 1521 noted as a potent het after 0200 s/on. Later audio from another(I presume)stn. showed up weakly a few times on peaks from 0202-0228. This second stn. was not // BBC WS 9410 which is listed on OMAN at the time. Maybe the second stn was one of the Spaniards. Oman should fade out do to LSR around 0130-0200 this time of year. (Kaz-RI)
- 1422 W. GERMANY fr w/ soft mx 0224 Jun 27 (Kaz-MA)
- 1475 UNID 0405 Jun 15 heavy drum beat bassy mx, non-stop, no anmts. African sounding, fair signal. (Hakiel-NY) George said that this looped TAand was in well before 0400. I've noted a carrier here in the pre 0400 period hetting 1476 during good TA cx. Benin s/on is listed for 0400 and used to be hrd at 0425. Congo s/on is listed 0300. If Benin they have a SW // on 4870 to check. -ed
- 1521 SAUDI ARABIA Buba 0125 June 13 AA chants & talk pr in WKBW slop (Hakiel-NY)
- 1530 VATICAN CITY far above WCKY!! w/OM rlg. talk ment Christ in unID lang 0222 June 22 in some WKBW slop. Vatican is quite common here in eastern coastal New England. (Kaz-ME)
- *****1566***AZORES Santa Maria CSB81- noted 0033 Jun 26 pr-fr at best w/ US pop & T40 hits. (Same format as noted by Hilding Gustafson, NRC in Florida) PP OM ancr. noted in between songs. Faded to a carrier at 0052. Noted back w/ rlg. sounding talk in & out several times during 0102-0113 tune out. I checked back at 0121 & there was not a trace of signal. I've been monitoring this channel &

have often noted a carrier here during the same time period from Amesbury. On June 28 the carrier was very clearly cut at 0103 which is the s/off time reported by both Gustufson & Hauser. But on June 29 & some other nights it ran until later; I've not noted the carrier past 0122. I suspect they run a rlg. pgm or prayers before s/off on some nights. This stn is ex-1570 & I suspect will be quite common but rarely strong. Both Tunisia & Switzerland are off at this time. (Kaz-RI)

- 1575 PORTUGAL Porto Canidelo 0312 May 31 PF talk & Disco mx, fr. (GH)
 1584 SPAIN Graveyarders 0300 May 31 SS talk, time pips on the hour. Tried to get an ID but all I could get was "R.Nacional de Espana" Good sig. (Hakiel-NY) At some times, most of these stn's are on the network, I think -ed
 1593 W. GERMANY Langenberg 0153 Jun 15 tango-type mx w/ GG vocals, GG talk, fr. (Hakiel-NY)

IAH AMERICAN DX ROUNDUP

- 535 GRENADA Mournie Rouge pr-fr // 990 w/ black pop mx 0235 Jun 22 (Kaz-NE)
 550 VENEZUELA Caracas WVEE xlint w/"Mundial" ID w/ usu#al LA disco mx in null of CFMR 0/549 het. 0157 Jun 22. (Kaz-NE)
 640 VENEZUELA Puerto LA Cruz xlint as usual w/ local ments and no Cuban GRM 0052 Jun 22. (Kaz-NE)
 735 ECUADOR Quito H03R-1 0225 Jun 2 LA mx vocals, fr. (Hakiel)
 750 COLOMBIA Medellin H03K 0110 Jun 14 SS talk w/ Caracol ID two other LA's noted u/(Hakiel-NY)
 810 COLOMBIA Bogota H3CY 0240 Jun 15 YL in long oration; "R. Sutate-nza" ID, good. (Hakiel-NY)
 860 NEEM. ANTILLES Willemstad H3C-2 w/ usual pgm of US pop w/ an occ. SS or Papiamento song thrown in. Plays about 3 songs w/ no anmts. Finally the OM in Papiamento showed up at 0620 Jun 9. Fr-gd. Stn is in many nights after Canadians s/off & before it's own 0700 s/off. Do not confuse w/ Brazil which plays similar mx often. (Kaz-KA)
 870 ARGENTINA Buenos Aires LRA-1 0632 Jun 9 love songs by YL. This stn is now being hrd almost every night in the null of WWL will be very strong during July. 6 pips on the hour & 3 pips on the half-hour is the sure ID. (Hakiel-NY) Not hrd here at this time on Jun 9 & I really tried. Such is the effect of loss of water path. (Kaz-MA) tentative w/ time pips @ 0200 barely audible u/ WWL w/ rlg. pgm. (Stutterheim-NY)
 915 ECUADOR Machala H3RC-3 0304 Jun 15 nice LA vocals by OM my Favorite Ecuador stn. (Hakiel-NY) Finally hrd 0436 Jun 26 w/ SS mx w/ local WHDJ phased. Completely inaudible with out Beverage phasing (Kaz-RI)
 940 URUGUAY signing off w/ ment of "R. Erre" under dominant Reloj Jun 12 0207. (Stutterheim-NY) Sorry, no Idea -ed
 940 CUBA Colon CWMI (this should be CFKD Holguin w/ 10 KW-ed) 0140 May 27 SS talk, typical R.Reloj format. Only 250 watts, but a good strong signal. I can just imagine the problem these Cuban stn's cause down south. (Hakiel-NY) This stn is 10 KW, Cubans are awesome pests in the south -ed.
 992 URUGUAY 0255 June 13 PF talk, MA (prob. Haitian) s/off @ 0255. (Hakiel-NY) I hrd slow vocal by a man here @ 0228 June 13 (MS) This is R. Cacique, Port-au-Prince which drifts all over place around nominal 990-ed
 997.1 URUGUAY 0320 June 13 old US pop tunes, "Mona Lisa", "Paper Doll" Good sig, then abrupt fade out or s/off. (Hakiel-NY)
 997.2 HRTD religious pgm in EE @ 0215 June 13. Very strong but began to fade @ 0223 as pgm was giving mailing addresses (one was for a P.C. Box in Toronto), gone 0226. I assume this was Haiti but George say 992 was Haiti. (No this wasn't a fast drifter, I hrd both simultaneously w/ different pgms. (Stutterheim-NY) I don't know what 997 was. Perhaps Grenada- they've been off freq before. Other possibilities are WWL1 off 1000 or a screwed up domestic. -ed.
 1000 VENEZUELA Moron YVNM noted w/ "R.Mundial Mil" ID @ 0343 June 13 (Stutterheim-NY) + 0113 June 16 SS talk, Mundial Mil ID, good (Hakiel-NY) + 0140 June 22 very good in CKIW null w/ Mundial Mil ID into LA mx. (Kaz-NE)
 1011 COLOMBIA Bogota H3CC assumed w/ LA mx, strong het against WINS June 13 0051. (Stutterheim-NY)
 1055 COLOMBIA H3FZ assumed w/ LA mx, time pips on half-hour (4 + 1 long) Caracol ID @ 0031 May 8. (Stutterheim-NY)
 1100 COLOMBIA Barranquilla HJAT w/ R.Reloj ID @ 0226 May 28 after female SS vocal. ID as Barranquilla at 0233, more LA mx, (MS-NY)
 1100 ANTIGUA St. John's ZDK local like w/ TC & Carib. accented EE

OM into a hit by Journey. A weak HJAT barely noted in ZDK's null.
 WWWE came in later. (Kaz-ME)

1121 UNID steel band mx(?) too much splatter & unable to null June 13
 0105 (Stutterheim-NY) R. Tonchala is here -ed.

1125 COSTA RICA San Jose assumed w/"You Light Up MY Life" then man in
 SS June 11 0316 (Stutterheim-NY)

1160 CUBA the superpower is back on !! First noted June 22 from Maine
 w/ good sig. Dominant every night in Amesbury. Outrageous local
 like signal noted in Narragansett on the Beverages. Weak carrier
 noted in the daytime(!) on Cuban beverages from Narragansett.
 I suspect this is the 150 Kw tx, poss. more. Definately the
 strongest Cuban pest now (Kaz)

1165 ANTIGUA St. John's w/ dramatic presentation in EE May 14 2352.
 + w/ folk mx (Singer & Guitar) in EE, C&W twang, then rlg talk
 June 13 0110. (Stutterheim-NY)

1170 HAITI Port-au-Prince 4VRS very good w/ Creole OM way atop the
 channel before WVA fade in at 0041. June 26. This is the situa-
 tion of this channel many summer eves. (Kaz-RI)

1200 EL SALVADOR YSMR under heavy 800 hz het May 8 0052, R.Tiempo
 ID (Stutterheim-NY) I'll bet this Caracas which uses the same
 ID & is most often dominant on this channel in the early evening.
 YSMR is rare -ed.

1210 DOMINICA o/WCAU w/ 2 FF OM's 0111 June 22 (Kaz-ME) + o/WCAU w/
 FF OM 0026 June 26. Very often overrides WCAU which is mostly
 groundwave at sunset in the summer. (Kaz-RI)

1220 BRAZIL Riode Janeiro ZYJ458 0052 June 16 PP Talk, rapid fire OM
 Seemed like a sports event many mentions of Brazil, Good sig.
 + 0226 June 17 "R.Globo" ID (Hakiel-NY) + After George called
 in w/ tip on Sun 16 I tried at 0110 and there was too much QRM
 I tried later at 0207 & noted (what was probably-I didn't here
 enough to claim this receipt as more than TENTATIVE) bits
 of a deep voice FF OM mixed under several FF & FF Canadians.
 Brazil was very loud at George's coastal QTH. (Kaz-MA)

1220 COLOMBIA Barranquilla HJVF 0206 May 19 LA love songs, "LV de
 Colombia" ID Good. (Hakiel-NY) + 0201 May 27 ID hrd w/Cuba (GH)

1360 VENEZUELA El Moján YVT1 0131 May 19 hrd thru the usual mess of
 stn's w/ "Datumbo Internacional" ID (Hakiel-NY)

1430 UNIDS two LA's on channel June 13 0350+ No ID on hour- just acc-
 ordion mx, then ID as R. Fireré Curillo(?) sounded like. (MS-NY)
 Sounds like a Colombian. The LA's hrd on this channel would most
 likely be the Cuban & the new stn. in Barranquilla. -ed

1460 TURKS & CAICOS Governor's Beach 0029 May 24 wx for eastern Carib.
 stormy wx w/ seas of 5 feet. As usual this stn appears during
 AU cx, good. (Hakiel-NY)

1475 UNID 0425 May 31 SS talk, LA mx, poorly modulated- hetting 1476
 (Hakiel-NY) I don't know who this is. Haiti would be FF & I've
 heard that they are no longer on 1475 -ed

1490 VENEZUELA Maracaibo noted mixed w/WUSS others w/ R.Sol ID fol.
 by Maracaibo ment after lively LA song. 0258-0300 July 4. (Kaz-RI)
 Boy was this stn. loud at our Dec 27 Montauk GTG -ed.

1520 PUERTO RICO San Juan WRAI 0012 May 19 SS talk w/ ad for Budwei-
 ser Beer ID given. Hrd o/HJLQ. (Hakiel-NY)

1540 BAHAMAS Nassau ZNS-1 0036 May 28 call in pgm. "Action Line", LA
 stn hrd u/. Fair sig. (Hakiel-NY)

1550 COLOMBIA Barranquilla (Maybe) slow LA ballads, ID & GMT-5 TC af-
 ter every 2nd song ID's as R.Mexico. (Perhaps the name of a pgm
 of Mexican mx)-ed) by YL, thne TC twice by man (automated?)
 mnet of RON then ment of baseball. June 12 0840-0901.(MS-NY)

1580 AMERICA VOA gd w/ pgm interview May 15 0030 + again May 28
 & 0208 w/ FF mx, jammed. (Stutterheim-NY)

REPORT FROM THE BRITISH ISLES by BILL TOWNSEND

May 21 Moffat, Scotland
 May 23 Edinburgh, Scotland rx's: Sony ICF-S5W, Belair
 May 24 York, England

164 FRANCE Alloitus May 21 1306 Lynyrd Skynrd song, FF talk by M/W
 Good.

185 WEST GERMANY Saarlouis May 211311 talk by M, pop mx, fair.

218 t NORWAY Oslo May 21 1310 talk by M, fair.

236 LUXEMBOURG Junglinster May 21 1310 talk by M, Fair.

531 EAST Germany Leipzig May 23 2237 talk by M, GG song by F vocalist,
 Xlnt.

558 E.GERMANY Rostock May 23 2240 Scott Joplin song, GG song by M //
 531, good.

900 ITALY Milan May 23 2300 MOR mx, aprt. ID by M, good.

990 E.Germany May 23 2306 GG song by M.Vocalist, fair.

1395 ALBANIA Durres May 24 2202 propaganda in EE by M, xlt.
 1467 MOROCCO Monte Carlo May 23 2225 gospel pgm w/hymn, xlt.
 1593 W.GERMANY Langenberg May 23 2324 GG song, GG talk by M DJ, then
 EE song, good.

George tells me that he & Matt had great LW TA reception at Montauk last week. TA cx have been holding up this summer for the lower latitude & Mid-eastern stuff.

I'm looking for Beverage wire, preferably stranded, must be insulated and preferably in 1000' or more continuous unsoldered lengths. 20 Gauge or larger (i.e. smaller gauge #) is desired. Does anybody have any for sale or know of a reasonably priced source?

Sorry, my typing is getting worse now that we aren't weekly again.

CONTRIBUTORS:

George Hakiel 739 Van Euren Ave. W. Islip, NY 11795 - R7A, IC-R70(Mod),
 LW's, Bohac Loop, Sanserino Loop
 Matt J. Stutterheim POB 2576 Montauk, NY 11954 Rohde & Schwartz Kurtzw-
 ellenpanger EK-07D & assorted other rx's, LW's & loops.
 Neil Kazaross DXing on the Beach in Gunquitt, Me, TRF(mod) & HW1
 DXing at Narragansett, RI- 1400' phased Beverages
 200 , Bohac Loop, IC-R70(Mod)
 Amesbury, MA- R70 & Sanserino Loop

73's & good DX

- KAZ -

Historic radio stations in major changes

By BOB FOSTER

The readjustment of the local radio situation continues. Several weeks ago one of San Francisco's pioneer stations, KSFO, was sold by Gene Autry and his Golden West Broadcasters to a Seattle group, King Broadcasters, owners of KYA and KLHT (FM).

The owners of KYA felt they would do better if they had another frequency. KSFO was for sale, the coverage area of KSFO is much better than KYA's and, although they have the same power, because of the frequency KSFO would put out a much better signal.

In order to buy KSFO, King had to sell KYA. That was done last week when Bonneville International of Salt Lake City, owners of local FM station KOIT, agreed to buy KYA. This cleared the way for King to take over KSFO. The papers required for the transfer of ownership will be submitted to the FCC in a few weeks, and the new owners of both stations are expected to take over in November or December.

Although San Francisco has been a pioneer FM market, FM does not do as well here as in most areas. This is because the terrain here is such that many areas are able to pick up only about half of the existing stations. A spokesman for Bonneville said last week that the combination of FM and AM in San Francisco is the answer. With the acquisition of KYA, Bonneville hopes to expand the coverage of the KOIT programming.

KYA was put on the air in 1926 by the Hearst organization and its studios were in the Hearst Building at Market and Third in San Francisco for many years. When the transmitter was built engineers believed that height would help the strength of an AM signal and the tower was erected on what is now known as Candlestick Point.

In later years Hearst built a transmitter building between Redwood City and San Carlos and for many years commuters on the Bayshore could see it sitting there by itself waiting for something to happen. Just about the time the building was ready to be used Hearst changed its mind about being in the radio business locally and sold the property to the then owners of the New York Post. It has changed hands frequently since.

KYA has always had great potential, and for many years it was the favorite station of "teenyboppers." However, the signal always limited its coverage.

KSFO was originally licensed to a religious group in Oakland and was called KTAB (Twentieth Avenue Baptist) until the Dumm brothers purchased it. The station

was extremely successful and it was KSFO that originally put KPIX, the area's first television station, on the air. When the KPIX studios on Van Ness Avenue in San Francisco were built, KSFO operated on the fourth floor. Soon after the move the property was purchased from the Dumm family by Gene Autry, who moved the studios to their present location in the Fairmont Hotel.

For years, especially after the station acquired the rights to the Giants games, KSFO, with such personalities as Don Sherwood and Del Courtney, dominated the local radio market.

This continued with an array of top personalities until that day when the new owners of the Giants decided to move the broadcasts to KNBR. After that KSFO gradually went down hill. When it lost the 49ers games — allegedly because Autry voted against the De Bartolo family acquiring the Chicago White Sox — it was the end of an era.

The KSFO call letters will be retained, the King people say, but after 47 years the KYA call letters will disappear. There had been reports that KSFO would be renamed KYA, ending the long-standing KSFO call letters. However, the three-letter calls had been "grandfathered" in, and could not be moved to another station.

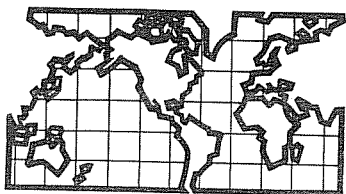
There is no doubt that Bonneville will program its new station KOIT-AM the same as KOIT-FM. In view of the fact that the new owners of KSFO will take over the station's sports contract, the programming there will probably remain a combination of both the present KYA and KSFO. KSFO's programming will probably be built around Gene Nelson, who left KSFO over a beef in policy to become KYA's star.

By the first of the year the new stations should be in place.

Despite the feelings on the part of both King Broadcasting and Bonneville that the AM-FM combination is the answer, apparently ABC did not feel that way, for it has sold KGO-FM to a San Jose broadcaster who will probably make use of it to expand the coverage of KLOK. Only the coming months and years will see whose thinking is right.

San Mateo Times, 8-1-83
 via Allen Lieu





DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

(503) 861-3185 - deadline MONDAY

Not too much to report this time around. Conditions seem to be improving, but not a whole lot. DUs seem somewhat stronger than they were last month, and it seems that more stations are in more often. Also the Low Power DUs, 7RPH-1620, 2RPH/3RPH-1629, and VL2VU-1692 are in quite often. Most of the time, barely above the noise level. There are a few reports this month, and one new reporter, Fritz Mellberg from Hawarden, Iowa. He sent along quite a list of LAs, heard in the last few months. Normally we do not print material that old, but since this is your first report, I've included it. Fritz, welcome to the column, and report often.

PAN-AMERICAN DX ROUNDUP

- 540 MEXICO, San Luis Potosi-XEWA, 0230 10/19 "LV de America Latina"(FM-IA)
- 555 t NICARAGUA, Chinandega-YNS at 0330 on 2/15, poor, no pos. ID. (FM-IA)
- 600 COLOMBIA, Baranguilla-HJHJ at 0535 on 3/14 "Radio Libertad" (FM-IA)
- 630 MEXICO, Monterey, XEFB at 0430 on 3/19 (FM-IA)
- 640 GUATEMALA, Guatemala City-TGW at 0231 on 8/29/82 with "LV de Guatemala" (FM-IA)
- CUBA, Guanabacoa-CMBB at 0230 on 4/11 "Radio Progreso" (FM-IA)
- 650 HONDURAS, San Pedro Sula-HRVW at 0420 on 3/13 "LV de Centro America"
- 655 EL SALVADOR, San Salvador-YSS at 0338 8/18/82, R. El Salvador. (FM-IA)
- 660 MEXICO, Mexico DF, XERPM at 0315 8/9/82 "Tropico de Oro". (FM-IA)
- 670 HONDURAS, Tegucigalpa-HRN at 0500 12/9 "LV de Honduras" (FM-IA)
- GUATEMALA, Guatemala City-TGRT at 0504 12/9 "Radio Fabulosa" (FM-IA)
- CUBA, CMBC? at 0359 3/28 "R. Liberacion" (FM-IA)
- 700 GUATEMALA, Guatemala City-TGHR at 0358 1/17 "R. Mundial" (FM-IA)
- 720 COLOMBIA, Baranguilla-HJAN at 0320 1/10 "Em. Unidas and Unidad" (FM-IA)
- NICARAGUA, Managua-YNRC at 0322 on 5/6 "R. Catolica de Nicaragua"(FM)
- 725 t SURINAM, Parimaribo-PZX26 at 0430 3/29, vy poor (FM-IA)
- 740 CUBA, Camaguey-CMJJ at 0410 5/4 "R. Liberacion" (FM-IA)
- 750 NICARAGUA, Managua-YMX, 0300 8/10 "Radio Sandino" (My Local as it usually booms in with great signal) (FM-IA)
- 760 COLOMBIA, Baranguilla-HJHJ at 0438 2/27 "LV de Baranguilla, RCN"(FM)
- MEXICO, Mexico DF, XEABC at 0415 2/27 "R. Internacional" (FM-IA)
- 790 MEXICO, Chihuahua-XERPC at 0300 8/10/82 "R. Ranchito" (FM-IA)
- 800 MEXICO, C. Juarez-XEROK at 1030 8/7/82 "R. Canon" (FM-IA)
- NETHERLAND ANTILLES, Bonaire-PJB 0458 on 11/24 "Trans World R!" (FM)
- 825 ST. KITTS, "Radio Paradise" at 0345 on 4/1 (FM-IA)
- 834 BELIZE, R. Belize "0355 8/11, another reg. (FM-IA)
- 850 t MEXICO, Zaragoza-XEZR at 0100 12/4 (Ten.-only QTH hrd) (FM-IA)
- 860 HONDURAS, Tegucigalpa-HRV, at 0308 4/27 "R. Honduras" (FM-IA)
- 670 (opps) UNID, at 1200 on 8/1, UNID SS noted with s/on, has to be XE, killed by XEHO slop (s/on). XENH only logical choice, though listed as "Under Construction" in Mexiglen list, Doubt XEACC, XELY s/on fits time, and they've been hrd up this way before, but pretty deep in Mexico. Other ideas? (RW-Ca)
- 890 HONDURAS, HRGLL at 0336 on 5/4 "R. Honduras" (FM-IA)
- 900 MEXICO, Mexico City (DF) XEW at 0302 8/12 "La Voz de America, Lat. (FM)
- GUATEMALA, Pto Barrios IGMA at 0256 2/18 "r. Antigua" (FM-IA)
- 940 MEXICO, Mexico City (DF), XEQ at 0430 3/30 "La Q Mexicana" (FM-IA)
- 950 MEXICO, Nueva Rosita-XEYJ at 0430 on 3/3 (FM-IA)
- 960 MEXICO, Nueva Laredo-XEK at 0300 on 8/19/82 (FM-IA)
- 970 MEXICO, Cd. Juarez-XEJ at 0543 on 3/3 "R. Mexicano" and "Radorama"
- 980 t MEXICO, Cd. Cuahuteroc-XEER at 0142 on 8/8/82. (FM-IA)
- MEXICO, Nueva Rosita, XENR at 0500 on 3/9 (FM-IA)
- 1000 CUBA, San Cristonal-CMAO at 0127 on 9/28 "R. Guama" (FM-IA)
- MEXICO, Cd. Juarez-XEFV at 1220 on 3/14 "R. Rancherita" (FM-IA)
- 1010 MEXICO, Guadalajara-XEHL at 0332 on 4/27 "La Fabulosa" (FM-IA)
- 1030 MEXICO, Mexico City (DF), XEQR at 0328 on 8/9/82 "R. Centro" (FM-IA)
- 1050 MEXICO, Monterey-XEG at 0230 on 8/11/83. "La Equis" La Pest! (FM)
- 1060 MEXICO, D.F. XEEP at 0220 on 10/11 "R. Educacion" (FM-IA)
- 1100 NICARAGUA, Managua-YNQ at 0120 on 4/11, R. Reloj" (FM-IA)
- 1130 COLOMBIA, Baranguilla-HJAC at 0005 on 1/25 (FM-IA)
- 1160 CUBA, ?? at 0500 on 7/20/83, R. Progreso" (FM-IA)

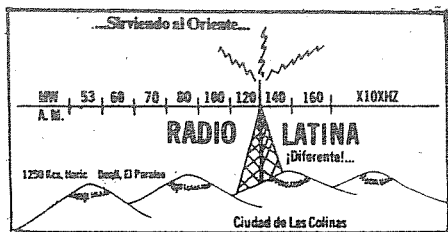
1170 COLOMBIA, Cartagena-HJNW at 0002 on 1/22, vy clear "LV de Heroica"(FM)
 1210 GUATEMALA, Guatemala City-TGMX, on 0806 on 7/22/83 "R. Rumbos" (FM)
 1220 MEXICO, Mexico City-XEB at 0230 on 9/28 "La Grande B" (FM-IA)
 1420 MEXICO, XEWE at 0254 on 3/7 "Radio Irapuato La Primerisima" (FM-IA)
 1500 UNID, at 0052 on 2/19 "R. Variedades" (SS Domestic??) (FM-IA)
 1550 COLOMBIA, Baranquilla H3CB at 0130 3/29 "R. Exitos" (FM-IA)
 1570 MEXICO, Cd. Acuna-XERF at 0312 on 8/18/82 "Love 16" (FM-IA)
 *Also noted at 1125 on 5/30,w/ Radio Bible Hour. (DPK-Hi)
 1580 MEXICO, XEDM at 0500 on 8/21/82 (FM-IA)
 1590 MEXICO, Monterey-XEACH-at 0300 on 9/12 (FM-IA)
 1610 ANGUILLA, Radio Caribbean Beacon, 0355 on 2/18 (FM-IA)

TRANS-PACIFIC DX ROUNDUP

531 AUSTRALIA, Kempsey-2MC on 7/1 at 1200,fair w/CQ morse code intro, then nx (NHP-BC)
 NEW ZEALAND, Alexandra, 4XA, Radio Otaga IDs o/2MC at 0915 on 8/2.(PH)
 540 AUSTRALIA, Longreach=4QL, into ABC news at 1100 on 8/8, fair. (PH=Or)
 567 NEW ZEALAND, Wellington-2YA, at 1207, // 11960,static,KMVI QRH (DPK)
 594 AUSTRALIA, Horsham-3WV, good w/ABC news at 1101 on 8/3 (PH=Or)
 603 AUSTRALIA, Hobart-7ZL, fair in 600/610 splat, w/Clas. mx at 1035 on 8/3 (PH=Or)
 720 HAWAII, Elelele-KUAI, noted on, instead of usual SP due to Tropical Storm Gill in Vicinity on 8/3 at 1218 (DPK-Hi)
 756 NEW ZEALAND, Auckland-1YA,carrier found here earliest yet, at 0520 Aug. 4, When put in New Zealand terms,that means the signal was getting out that far at 5:20 PM,local time on a date which correspond to Feb. 4 in a down under frame of reference. My local SS is 5:22 on Feb. 4,but am unsure how to relate that to Auckland. (GM-Co) (Good going, as the earliest I have heard NZ on 1026/1035 KHZ is about 0330 UTC, which would correspond to your 0520. PH)
 765 NEW ZEALAND, Hastings-2ZK on 7/1 at 1115,fair w/Piano mx //657 (NHP)
 792 AUSTRALIA, Brisbane-4QG, vy good w/Clas. mx at 0950 on 8/7 (PH=Or)
 864 NEW ZEALAND, Invercargill, 4ZA on 7/1 at 1144,pop mx,nil-fair //1035 then man w/IC and talk (NHP-BC)
 1035 NEW ZEALAND, Wellington-2ZB at 1145 on 7/3, rr mx,vy poor (DPK-Hi)
 1044 CHINA, Beijing FS at 1130,vy faint,YL talk,heavy QRN (DPK-Hi)
 NEW ZEALAND, Dunedin-4ZB at 1046 On 5/23,teletalk show (DPK-Hi)
 1098 MARSHALL ISLANDS, WSZ0, good w/KFAX off at 0800 on 8/3, YL talk, Island mx, EE ID at 0759.30. Sent another taped report to them, hoping for the best!! (PH=Or)
 NEW ZEALAND, Christchurch, 3ZB on 7/1 at 1218 pop mx // 1035 (NHP)
 1197 NEW ZEALAND, Whanganui-2ZW at 1158 on 7/1,Nil-Poor,C&W mx //1035 (NHP)
 1350 HAWAII, Jihue-KIPO at 1219 on 8/3, on because of storm. (DPK-Hi)
 1620 AUSTRALIA, Hobart-7RPH, on 8/7 at 1030 w/talk show (Disc.), vy weak, talking about Australia in conversation. (PH=Or)
 1629 t AUSTRALIA, 2RPH or 3RPH, with Discussion pgm and light Musical spots at 1045 on 8/7, lots of Atmospheric Static, weak. (PH=Or)
 1692 AUSTRALIA, Kensington-VL2VU, fair with talks at 1111 on 8/7. (PH=Or)

THANKS TO THESE REPORTERS:

GM-Co Gene Martin-3303 East Evans-Denver, Co. 80210
 HQ-180 and Box Loop
 FM-IA Fritz Mellberg-1505 Central-Hawarden, Iowa 51023
 DXing with HQ-180AX,R.-1000,Icom R-70.2 ft. MRC loop(no Amp)
 DPK-Hi Dale Park-2253 Kanealii Avenue-Honolulu,Hawaii 96813
 Sony ICF-6700W,TRF (XERF-Dxing at Doug Martins home-Kaneohe,Hi)
 NHP-BC Hick Hall Patch-1538 Amphion St.-Victoria,B.C. V8R 4Z6
 DXing at Jordan River,B.C. Homebrew rx, 2-1000' Bev, 260 and 300 deg.
 RW-Ca Robert Wien-1309 Dentwood Drive-San Jose, California 95118
 GE TRF (ca 1962)
 PH-Or Yer Editor
 SP-600, (2) 1500 beverages running East, 200 ft. Termin.NE wire,Grd.



RADIO ALICE

The RHYTHM of the HEART

Well here it is time for another column. DX here has been a little slow, but it might be picking up a little. Had a good opening to DULand on 7/17, but to a bad electrical storm, the signals were almost impossible to copy. I did hear an ABC relay on 1602 KHZ, quite strong // to 4QR-612. Also music on 1620 and 1629 KHZ. More under TPs. In other news, I recently received the Channel Allocation Maps for Australian MW stations, close to the NRC maps for US stations. The book is Great!!! listing coverages for all stations including the 50 and 100 watt repeaters. If anyone is interested they cost \$9.60 Australian and about \$5.00 in Air-Mail postage. More information can be received from DX Australia. In a letter to David Ricquish of New Zealand (NZRDXL) Rick Petri-GM of WVUV-648, requests reception reports which give comparisons of the WVUV signal with other Island stations. Both day and nighttime reports are wanted. Address: WVUV P.O. Box 2567-Pago Pago, American Samoa 96799. Now on with reports:

PAN-AMERICAN DX ROUNDUP

- 650 HONDURAS, La Voz de Centro America, poor to fair 6/20, LA vocal mx 0340-0343, male anc r to 0345. Fading through 0350 w/unid LA popping up. Signal back 0353 and ID at 0400. LA variety mx format cont (PWP-TX)
- 660 HONDURAS, La Voz de Honduras, fair 6/20 w/XERPm looped. Anmt. 0312 commercial 0313, fading 0315. Excerpt from Sporting Event 0318, ID 0320. XERPm over-taking signal past 0325. (PWP-TX)
- 700 COLOMBIA, Cali-Radio Sutatenza, HJCX poor 6/25 w/long speech in SS 0235. WLW looped, but QRM from unid LA, Colombia mentioned several times at 0240. R. Sutatenza ID at 0245. No mx. Long SS commentary w/fade and QRM de JBC. Recheck at 0310 showed no more reception. PWP
- 770 UNID, SS fair in KXA null w/wolves howling. Seemed to be telling a story. Lost quickly, hrd later possibly w/mx. KOB off till 1100, HOL47 only station listed as 24 hrs. Other possibilities? at 0759 7/11. (RW-Ca)
- 800 MEXICO, Cd. Juarez-XEROK, 6/25 0330 w/ranchera mx, record promos 5/9 plus 200 DB as usual. (ØW-Co)
- 830 UNID, SS o/u WCCO 0850-0932 7/4 w/mx typical of NW South America (Colombia or Ecuador) Good at times, but long deep fades (BP-Wa)
- 890 t HONDURAS??, What is the call and location of this often hrd 0429 station? WRTH pp. 294 and 494 are contradictory and no help. into pgm, after R. Honduras ID and chimes (HBC type) on 6/29 (ØW-Co) Don Moore: Any help on this??? PM)
- 990 MEXICO, Mexicali-XECL on 6/30 from 0410-0420, XE tunes, OM anc r, jingles, fair, but fady. (ØW-Co)
- 1000 BRAZIL, Sao Paulo, Radio Record, good to nil w/PP ads, DJ talk, Brazilian pops (which sounded alot like Mexican mx). 0755-0900 6/27. Full ID 0801, ment. of 1000 KHZ, SW frequencies, then "Radio Record, Sao Paulo.....Brazil, Emisora de grupo de" Erratic signal, with many fade ups and fade downs. Also noted on 7/11 0758 0820, o/u WCFL ET. (BP-Wa) (Good Catch Bruce.PM)
- 1010 MEXICO, Ensenada-XEDX, BCN on 7/2 from 0926-0930, good way o/KCHJ-KXEG thru CBR OC w/several local spots and male DJs ID "aqui en Radio Variedades" many ments of Ensenada. Listed as 250 watts, in Mexiglenn list, but no address listed, will take chance w/ Reception Report. Now thats XE- DXing. New (RW-Ca) (Good catch -Address: XEDX-Avenue Juarez Edificio Abakumoff Apdo. Postal 526-Ensenada, B.C. Mexico. Good luck-listed as 1 KW day/250 n.-PM)
- 1055 UNID, 6/19 soft jazz mx samba/Brazilian format at 0433, Bad QRM de KRBE-1070. No anmt. but new Jazz piece at 0440. Chick Corea at 0448, severe fadeout at 0452, never any anmts. signal never returned. Colombia? (PWP-TX)
- 1210 GUATEMALA, Guatemala City-TGMX, assumed this was the one w/marimba mx ment. of Guatemala 0830-1017, var. times 7/4, fair to good w/ some CKDA splat. (BP-Wa)
- +Also noted on 7/4 0830-0840 OM anc r, DJ chatter ads, marimba mx. (ØW-Co)
- 1260 MEXICO, San Luis Rio Colorado-XEMW, pop mx OM anc r, fair 5/23-0641, w/ WIBV testing w/OC. (ØW-Co)

- 1300 MEXICO, Cd. Juarez-XEP R. Trece,LA vocals,Fair signal w/KVOR at 0332 on 6/20 (ØW-Co)
- 1430 MEXICO, Cd. Obregon-XEOX o/u KARM,good to nil w/ads and SS pop mx at 0718 5/16. Apparent s/off 0801,w/full ID,some nice words about themselves,then Mexican NA (BP-Wa)
- 1470 MEXICO, Los Mochis, XECU "La Rancherita",each song,same jingle 24 horas de buena musica mexicana,TCs MST (Mex. doesn't go to DST. New,my 50th XE call (ØW-Co) (Good going.PM)
- 1555 CAYMAN ISLAND, w/BBC nx at 0303 6/21,Reg. hrd all season,never good reception. (PWP-TX)
- 1580 MEXICO, Hermosillo-XEDM "La Grande de Sonora" 7/4 at 0450 pgm La Hora Nacional, from Mexico City,XE ads, vy good sig. (ØW-Co)
- 555 HICARAGUA, YNS "Radio Diece-Seis de Julio? sudden appearance at 0320 w/SS choral mx on 6/25,solid ID by YL at 0329,pop mx (PWP-TX)
- 760 MEXICO, XEABC,Mexico city, 7/10 at 0906,fair u/KFMB OC w/ID "Radio International" (RW-Ca)

TRANS-PACIFIC DX ROUNDUP

- 531 NEW ZEALAND, Alexandra-4XA, fair w/Radio Otago IDs and pop mx at 0645 on 7/18. Fair w/Static crashes.(PM-Or)
- 550 ALASKA, Anchorage, KENI, fair mixing w/KHVI on 6/27 at 1000, rr mx, wxcast, haven't hrd this in three years. (PM-Or)
- 650 ALASKA, Anchorage-KYAK, fantastic signal w/C&W mx, way o/KORL never hrd Alaska in June, at 0945 on 6/27, many IDs, unneeded but always nice to hear! (PM-Or)
- 670 t ALASKA, Dillingham-KDLG, heard w/NPR type talk pgm, o/u presumed KBOI at 0903, only as tent., as no ID hrd. (PM-Or)
- 700 ALASKA, Anchorage-KBYR, fair w/MOR mx, and tc at 1017 on 6/27.(PM)
- 750 ALASKA, Anchorage-KFQD, good w/Old RR hits o/KXL for a while, at 1009 on 6/27. Fantastic signal, in June!
- 830 ALASKA, Long Island-Bear Lake-KABN, hrd w/talk show,ID at 1030, on 6/27. Great signal. (PM-Or)
- 837 t NIUE ISLAND, possibly the one hrd on Sunday Night/MM with Horse Code and tones, o/NZ most of the time, at 0920 on 7/11, fair at times, with what sounded like "...ZK...." hard to tell. Tent. taped report sent. This is the 3rd tent. on this. Niue Island is close to Samoa. (PM-Or)
- 1584 UNID, several stations here all AM on 7/17, but hard to tell what what all the static crashes, noted at 1115. (PM-Or)
- 1602 AUSTRALIA,NSW?, prob. the ABC relay // to 4QR-612 and 2BL-702, quite strong at times, but again too much static (almost pegging the S-Meter), at 1130 on 7/17. (PM-Or)
- 1692 UNID, probably VL2VU, on their new freq., station heard weakly w/mx at 1123 on 7/27, too much static. (PM-Or)

VERIFICATIONS:

- 1560 MEXICO, San Rafael Chamapa,XEFAJ,sent handwritten letter (SS), and stickers in 5 months. Said they were thrilled to hear my tape and commended me for trying to hear Mexican stations from so far away. Letter dated April,but not received until mid-June, for some reason. V/S Jose Felipe Vera Martinez-locutor(DJ) (BP-Wa)

THANKS TO THESE REPORTERS:

- PWP-TX Paul W. Petersky-5300 DeSoto Drive #113-Houston,Tx. 77091
BP-Wa Bruce Portzer-6546 19NE-Seattle, Wa. 98115
HQ-180A, 4' loop, except for 7/4 DX,FRG-7 w/1800' NW/SE bev, during convention DXpedition.
- RW-Ca Robert Wein-1309 Dentwood Drive-San Jose, Ca. 95118
ØW-Co John Wilkins-4385 Hoyt St.-#205-Wheat Ridge,Co. 80033
PM-Or Yer Editor
SP-600 JX, 200 NE Beverage term.

EXTRA TIP

- 1629 t AUSTRALIA, Sydney-2RPH, poss.one with Disc. pgm at 1225 on 7/20, several mentions of NSW 2001(Postal Code), ending pgm at 1230,into more disc. Melbourne was also mentioned at one point, so poss. 3RPH was in there. Tent. report to both. 1692 was also hrd, but weaker. Many DUs were in like locals! 2MC-531 was like it was across the street!! Maybe cx are improving. (PM-Or)

DX WW II

EDITED BY
PETER V. TAYLOR
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SAN FRANCISCO, CA. 94115

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

AUSTRALIA - The ABC became the Australian Broadcasting Corporation on 7/1/83 (BBC). 2PH-1620, Canberra, due on by the end of the year (500w UI). 2RPH-1629 Sydney, 500w UI, is on 0000-0200, 0600-0800, 1000-1400 M-F and 0100-0700 Sat & Sun. (SDXL via ARC). 2WEB-576 Bourke was on 585 for two weeks during the flood, when it needed to be on at night; it is back on 576 (A. Cushen, NZDXT & James Niven, DXA).

BANGLADESH - Dhaka-693 now carries the morning domestic transmission (ex-819) (SCDX). EE has been cut back; the only remaining EE programs are newscasts 0110-0120, 0700-0705, 1530-1540, and a commentary 1540-1545 (BBC).

BURMA - Burma Brdg. Service-955 is on 0030-0230 (0030-0330 Sun.), 0300-0730, 0930-1600. It has EE 0200-0230, 0700-0730, 1430-1600 (BBC).

CHINA - XJPBS-1044 on with Uighur programming (6-10kwers and 2-1kwers listed in ITU-PT). New C1 XR noted on 1080 (FERC). FJPBS-P2 on 1476kHz in Mandarin is on from 2120-2400, 0250-1600 (Wed: 0250-0600, 0750-1600). It also carries a program for Taiwan listeners from 1500-1530. Schedules for Guangzhou stations: GDPBS P1-648: 2050-0005, 0005-0250 (Sun.), 0250-1555 in Cantonese. GDPBS P2-1062: 2100-0600 (0600-0900 Sun.), 0900-1605, in Cantonese. Guangzhou PBS P1-999: 2100-0115, 0115-0320 (exc. Mon., Thu.), 0320-1605 in Cantonese. Guangzhou PBS P2-1584: 2355-0205 (Sun.), 0625-0845, 0845-0930 (Sun., Mon.), 1055-1320 (ex. Sun.), 1320-1400 (Mon.) (BBC). Jilin PBS noted on 1254 (FERC). Fgn. Svc.: JJ 0930-1530 on 719 918 1044, and 2130-2200 on 918 1044. Vietnamese on 1296kHz 1100-1700. KK 1100-1500 on 1018kHz. Urdu on 1323 1600-1700. Shaoguan PBS-765 began 8/1 with local programs plus some C1 and GdP1 programs for 14 1/2 hours per day (BBC).

INDIA - AIR-666 Delhi B is 100kw, ex-20kw (BBC). The 1134 channel has **Burmese** 0045-0115; **Cantonese** 1215-1245, 2145-2200; and **Standard Chinese** 1245-1315, 2220-2245. News in EE is no longer listed (BBC).

KAMPUCHEA - According to a Bangkok paper, the Kampuchean People's NLF is setting up "Voice of the Kampuchean People" on MW from a secret location (BBC).

KOREA, SOUTH (ROK) - Radio Korea-1170 has JJ 1100-1300; EE 1300-1330; **Standard Chinese** 1330-1400, 2130-2200. JJ is also heard on 891+1449 from 1500-1600 (BBC).

MACAU - Correct schedule for R. Macau-900 is 2300-1600 (FERC).

NEW ZEALAND - BCNZ has been testing AM stereo on 855kHz (D. Ricquish, NZDXT).

SIKKIM - Gangtok-1125 is now 20kw, ex-10kw (BBC).

TAIWAN - Fu Hsing BS-560 noted//909 Taipei. New, Taiwan area Fishery Broadcast Station, on 738/1143, due on the air in July (FERC). Government programming for Mainland China: CBS/WOFC-1200 is in Amoy 1045-1600. **Standard Chinese Network** P1 is 24h on 907; 2045-1900 on 600; and 2045-0100, 0345-1900 on 750 & 1100. P2 is on 0950-2150 on 927 & 1521kHz (BBC).

THAILAND - Since 7/1, the Radio Thailand EE service is on 927kHz from 2250-0425, 0500-0600, 1130-1230 (BBC).

USSR - R. Kazakh-900, Alma Ata, is in Kazakh 1330-1430, 1500-1530, 1600-1630. On the same freq. R. Tashkent programs in Uighur are heard 1430-1500, 1530-1600 (BBC).

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

ALBANIA - 1215kHz FS (1/2 hour): **Turkish** 0300. AA 0330 1900. **Serbo-Croat** 0500 1230 1600 2000. **Ital.** 0530 1130 1500 1800. **Bulg.** 1200 1530 1700. **Greek** 1300 1630 1930. 1395kHz: **Bulg.** 0400. **Czech** 0600. **GG** 0500 1800. **Pol.** 0530 2130. **Rom.** 1430 1700. **RR** 1500 1730 1830. **Czech** 1900. **Port.** 1930. **EE** 2030 2200. **FF** 2100 2230. **SS** 2300-2400. 1458kHz: **Gk.** 0430. **Serbo-C.** 1400. **GG** 2030 2200. **Bulg.** 2100. **Ital.** 2130. **Czech** 2230. **Port.** 2300-2400. 1089kHz: **Hung.** 2200. **Ital.** 2230 (BBC).

ALGERIA - "Voice of Chilean Resistance" is still on 1422 in SS; noted at 0031 (BBC)

ANGOLA - EP do Bie is on 1390, ex-1404. EP de Namibe now on 1330.8. ER do Zaire heard at good strength (V. Korinek).

BULGARIA - Horizont XR-954 observed //963 at 0210 5/22, weak (KH, ARC). Vidun-1224 Fgn. Svc. (1/2 unless stated otherwise): **Greek** 0400 (ex-Sun.), 0600 (ex-Sun.), 0900-0955 Sun., 1400-1500 1830-2000 2030. **Serbo-Croat** 0500-0600 0730-0855 Sun., 1530 2130. **Turkish** 0600-0730 Sun., 1830. **Albanian** 1500 1600 1800-1825 2000-2025. **Italian** 2200 (BBC).

CAMEROON - R. Douala-1106 has 2300 + a few min. s/off every day (V. Korinek).

CYPRUS - CBC-603 has GG 0500-0530; EE 0530-0600, **Swedish** 0600-0630, FF 0630-0645, and AA 0645-0700 daily except Sunday. Canbulut Radio-1353v, in a Turkish-Cypriot community in the Famagusta area, is on 0400-1700 with mostly music, plus two 10min. programs of local announcements and ads at 0700 & 1000 (BBC). Radio Bayrak-1098 is 50kw as of 5/1/83, with another 50kw XR proposed (DDXLK via ARC).

CZECHOSLOVAKIA - 1071kHz is 24h again with Hvezda programming (KH, ARC).

EGYPT - "Radio of the Capital, Greater Cairo" is on 711/1593 (in AA: Huna Idha'at al-'asimah, al-Qahirah al-Kubra) (BBC).

FINLAND - Helsinki-1404 is 2kw w/Finnish pgmg. (ARC).

GERMANY, EAST (DDR) - Radio DDR1-576 is 24h. R. DDR-729 Messewelle is on between 9/4-9/10/83. Gustrow-1602 relays "Hallo/DT64," a youth program on FM, 1700-2130 M-F; 1200-2130 Sat.; 1335-2130 Sun. (BT, ARC).

GREECE - US bases will close in 5 years; the AFRTS outlets will go with them (ARC).

GERMANY, WEST (BRD) - Kiel-828 will move to a new location by the end of the year due to its interference with Hannover (BT, ARC).

IRELAND - R. Leinster-738 off temporarily as of 5/19. ABC Radio-1017, Dublin, is ex-981 (TL, ARC). Midlands Community Radio-1161, Portlaoise, closed (WDXC via ARC).

KENYA - Newly heard is VOK-1017 (Nyeri listed in WRTH). (V. Korinek).

LEBANON - Kol Israel has noted the existence of Yasser Arafat's new "Voice of Palestine"/VPR in Tripoli (Lebanon) on 1412kHz with s/on 0500. The "Voice of Lebanon"-873 now carries news in Italian from 1445-1450 (BBC).

LIBERIA - Four new rural stations will be on by 1985 from these counties: Loffa (at Voinjama); Bong (at Ghanga); Maryland; and Grand Gadeh. They will broadcast in local and regional languages (BBC).

MOZAMBIQUE - Em. Interprovincial, Maputo, is on 1147.8/1010 (ex-1151). (V. Korinek).

NETHERLANDS - Hilversum 1 (1008) and 2 (747) are both 400kw 24h. 747kHz carries programs for foreign workers in 7 languages 1255-1600. Hilv. 3 consists of Lopik-675 (100kw), Hulsberg-891 (5kw), Hengelo-1224 (10kw), and Hoogezaand-1395 (10kw) are on 0600 (0700 Sun.)-2300. R. Bloemendaal-1116 50w is on Sundays 0830-1130, 1430-1600 with religious programs (BBC).

NIGERIA - A new R. Nigeria outlet on 585kHz is on in Ugwuaji, near Enugu (BBC). (No freq.-PT). R. Niger-1143, Minna has early 1932 s/off (V. Korinek).

POLAND - R. Polonia-1503 has cancelled some Swedish broadcasts, resulting in the following EE schedule (1/2 hour unless otherwise stated): 1130-1155, 1500, 1730-1755, 1830, 2000-2025, 2230 (BBC). GG is on 1200-1225, 1400, 1600, 1800, 1930. SS 0400-0455. Esperanto 0530, 2130-2155. Danish 1430-1455, 1530. Italian 2100. FF 2200-2255. After the recent realignment, P1 is on 227LW an P2 on FM (formerly P4). P3 is on 738 819 1080 1206 1260 1305 1368 1485 1584 1602 from 0457-2300 M-F; 0457-2400 Sat. On Sun., 0930-2300; however, these outlets carry P2 from 0745-0915 (the P2 FMs s/on 0557). (BBC). Re the Polish outlets on 1197 and 1296 designed to block the VOA and BBC. These were on only a couple of days, around Dec. 15th. Diplomatic protests were followed by apologies, and an explanation that the jamming was due to technical faults and was not deliberate (A. Adanczyk, SCDX).

PORTUGAL - R. Renascenca-963, 100kw in Porto, is on (EBU via ARC).

ROMANIA - Fgn. Svc. on 755kHz (DST, 1/2 hour): Serbo/Croat 1600; Turkish 1630; Greek 1700 1830; Italian 1800 1900 2000; Romanian-English-French 1930, 2130 (BBC).

SPAIN - EAJ84-1584 R. Villanueva, is ex-R. Panades. R. Palomar-1386, new (RCE). R. Tarrasa-1341's DX program Sundays 2200, "Catalunya DX" is in the Catalan dialect (MWSC).

SUDAN - A Koran (Qu'ran) broadcasting service was to begin in August. Three other new MW outlets are also planned (BBC). (No freqs.-PT). Richard Wood says 1295 is the only MW outlet currently operating (SCDX).

UNITED KINGDOM - BBC Manchester's BBC R. Oldham (experimental) started 7/1 for two hours a day, and will run for two months before moving to a new town, probably on 963kHz. BBC R. Solway-810, Dumfries, currently relaying R. Scotland, moves to 585kHz in November. BBC R. York-666 began 5/4. BBC R. Medway-1035 became BBC R. Kent on 7/2; a Canterbury relay will be established. It signs-off at 2200 (2400 Fridays). BBC R. York-1260 relay at Scarborough had testing 7/27 and regular programs 7/4. New frequencies announced, and projected start dates: 603 Network East Kent, Dunkirk (1984). 954 Northdown Radio (late '83). 990 Northside Sound, Londonderry ('84-'85). 1161 Humber Bridge R. ('84). 1170 Signal Radio, Stoke on Trent (late '83). 1260 Marcher Sound (late '83). 1332 Southern Sound, Brighton (late '83). 1521 Oak Ridge R. ('83-'84). **Sunshine Radio-1017** is a pirate and is going from 140 to 250w. It is in Leominster, Herefordshire, and has applied for a temporary license (MWC, BDXC via ARC).

UPPER VOLTA - RTV-747 (100kw) and 1341 (1kw) is on MTuWf 0530-0900, 1200-1400, 1600-2400; Thu. 0530-2400; Sa./Su. 0700-2400 mostly in French, but has EE programming 1330-1400 (unconfirmed). Bobo-Dioulasso on 1008 (50kw) is on M-F 0600-0800, 1200-1400, 1600-2400 and Sa/Su. 0800-2400; it relays 747kHz 2000-2015 (BBC). (With the recent coup, this info is probably outdated-PT).

USSR - UNID Moscow European P1 relayed noted on 1584 in Japan (FERC).

YUGOSLAVIA - R. Ljubljana-918 has news in GG and EE 2115-2125. Zagreb-1134 has EE news 1033-1045 approx. (BDXC via ARC). R. Yugoslavia-1269 has EE 2115-2130 and FF 2130-2145 (BBC).

ZAIRE - R. Bandundu (rarely heard) noted on 1007.2 (V. Korinek).

ZIMBABWE - R.1 Nyanda 1710kHz harmonic is stronger than 855kHz basic (V. Korinek).

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

BOLIVIA - A government official has denied that Cuban and Nicaraguan technicians are being used to help construct a station on the Bolivian/Brazilian border. He said no foreign assistance had been needed so far, but that Spain, Ecuador, and Andean pact countries had offered to help. CP63-610, Radio San Gabriel is 20kw as of 7/20 (BBC). (Already listed as 20kw by WRTH - PT). R.21 de Diciembre-845, Catavi is on this new frequency 1000-1800, 2000-0200. R. Esperanza-1070 is ex-920; it is 5kw and on 1030-1400, 2230-0200 (ARC).

BRAZIL - ZYK534-610 R. Itaitia now 50kw (CRM via ARC). Both Globo in Rio de Janeiro &

Sao Paulo have had their licenses renewed for 10 years (BBC). (Does anyone have a current verie from Globo-1220? - PT). Radio Record-1000 Sao Paulo has 200kw (MWSC).

COLOMBIA - HJDD-900, R. 900, Cutuca, now testing. HJNC-1110 LV del Nevado is on 1000-0400 with 2.5kw. HJQM-1320 R. Leda is ex-HJQI. HJAY-1490 Onda Nueva is on 1100-0500 with 10kw (WRTH, PDX via ARC). HJ. -920 R. Ciudad de Ibague' is new, 15kw, 24h, GRC. HJUC-1120 R. Matecana, ex-1480, ex-HJFC R. Centinela; 24h. HJFM-1130 LV de Armenia, ex-1040; 1100-0500 w/20kw. HJEO-1190 Ondas derl Valle now 15kw. HJZA-1510 R. Estrella now 5kw. HJIP-1590 R. Metropolitana 5kw 24h (WRTH via ARC). Not in WRTH83: HJPF-560, LV de la Pampa, Guajira; HJNJ-860, LV del Canahuate, Cesar; HJSB-870, Mar Caribe A. M., Atlantico; HJVK-970, Armonias del Caqueta' (A. Costard, MWSC).

COSTA RICA - 15 rural stations have joined to form UNER (Union Nacional de Emisoras Rurales). Stations will be sold in combination at attractive rates, and will network for soccer, and ultimately newscasts. Stations are La Fuente Musical, plus (Radio) Victoria, Emmaus, Alajuela, Golfito, Casino, Bahia, Sideral, Cima, Ultrasonic, Guanacaste, Atlantida, and Corobici (BBC).

CUBA - 1160 noted at fairly good strength w/Progreso ID//640 at 0232 7/24 (SWNS).

DOMINICAN REPUBLIC - HIAZ-B20, R. Santiago, 5/1kw, 2200-0400. HIBN-900 R. Puerto Plata now 5kw (WRTH via ARC).

ECUADOR - HCF2-1600, R. Consular, El Empalme, presumed the one IDing as "R. Union, Quito" (RCh, NZDXT). Not so, according to Chris Martin of Sydney, who says it is HCUC, Quito, and has sent a report. It is run by Union Nacional Periodistas (National Trade Union of Journalists); address is Cassila 5184, Quito. It has been on 6 months. Original power was 5kw, but they ordered a 25kw rig, which may be on (Roger Stube, HCJB, via DXA). ("Casilla" sounds better to me - PT).

EL SALVADOR - YSTG-930 R. Sonora now 5kw. YSMG-1093 LV del Espino, Ahuachapan noted here. YSCF-1147 Ondas Orientales, noted here. YSJA-1151 R. Moderna, Santa Ana, is 2kw, 1100-0530. YSDA-1500 R. Imperial, Santo Tomas, is 2kw 1100-0400 (WRTH via ARC). RN de El Salvador-655 has mentioned four other powerful MW transmitters with which it is // on 610, 660, 680, and 750kHz (BBC).

FALKLAND ISLANDS - One of the casualties of last year's war was the 536kHz XR, so this is no longer a medium wave country (NZDXT).

GUYANA - The GBC has replaced the 25 year old 10kw XR at Sparendaam with a new one (M. Boodram, SCDX).

HAITI - 4VEC-1030, ex-1035, is now here (NRC via ARC). (Careful, Caribbean Beacon watchers! - PT)

HONDURAS - HRVW-650 LV de Centro America now 100kw (MWSC). HRN-660, LV de Honduras, Siguatepeque, 10kw; ex-680, and HRN-660 La Ceiba is 3kw. HRN-670 LV de H., Tegucigalpa, is 10kw, ex-660. HRLH-1300, LV de la Amistad, ex-R. Cultura, has 2.5kw (WRTH).

NETHERLANDS ANTILLES - PJZ86-860 R. Curom, Willemstad, IDs as "Z86." PJL3-1100, R. Caribe, Willemstad, ex-1230. PJ. -1540 R. Caribe not on the air (MWSC).

NICARAGUA - YNUW-1160 R. Dario, Leon, is ex-1170 (NRC).

PANAMA - HOB55-780 R. Chiriqui, David, now 10kw (WRTH).

PERU - OAX4C-1160 R. Once Sesenta is 10kw. R. Tuman, OBX11-1438.9, ex-1440 is ex-R. Corporacion; it also calls itself "La onda amiga." OAX5E-680, R. Independencia, and OAX6X-1220, R. Melodia, both now 10kw. (WRTH, SWB via ARC).

URUGUAY - CW15B-1580, R. San Salvador, Dolores, new (CRM via OA, ARC).

VENEZUELA - All R. Nacional stations on all frequencies are no longer 24 hours; they are now 1000-0400. YVZJ-1400 R. 1400 Mundial, ex-R. Juvenil. YV. -1420 R. Bahia, ex-1400, now on (AH via WRTH, ARC).

VIRGIN ISLANDS - A relay station operating on 1621kHz is said to be here (MWN via ARC). (Glenn Hauser, is this your BBC relay?-PT).

Credits: ADXN - Australian DX News. ARC - Arctic Radio Club (Sweden). BBC - BBC Monitoring Service (copyrighted). DXA - DX Australia. FERC - Far East Radio Club (Japan). MWSC - Mittelwellen-Spezial-Club (W. Germany). NZDXT - N. Z. DX Times. SCDX - Sweden Calling DXers. Vashek Korinek, SADX. WRTH - World Radio/TV Handbook.

I would like to thank the membership for electing me to the IRCA Board of Directors. My six "workin' IRCA" cohorts and I look forward to the opportunity of representing your interests as the Club enjoys another great year of making the hobby even more interesting and fun. Thank you for the confidence you have placed in me, and I will do my best to justify it.

At the same time, I would also like to congratulate the NRC on its 50th anniversary. IRCA was a necessary offshoot of the NRC, and while their approaches are different, both clubs enjoy mutual respect, and are able to join forces on important projects while retaining their individuality. Having two strong MW DX organizations reduces complacency, and we all benefit. So congrats, NRC; have a good convention and another 50 good ones!

Kristine, John & I were due to go on an Eastern vacation (VT, MA) August 12, but John got his monthly ear infection, so as of this writing (8/9) plans are indefinite. Have a happy and safe Labor Day holiday everyone!

IRCA Classifieds

Randy Tomer
1969 27th Street
Arcata, CA 95521
PHONE (707) 826-1232

I recently got word from Ralph Sanserino that Bearcat (the scanner folks) has introduced a general coverage SW receiver that appears very similar in features to the R-2000. No price given. I encourage anyone looking for a DXpedition "portable" to consider the SPR-4's that are on the market now at a reasonable price. This receiver has a truly excellent front end and only needs an AVC-off modification to be a truly excellent all around rig.

FOR SALE . . . Drake SPR-4 general coverage receiver + MS-4 speaker, noise blanker, and all SWBC crystals + other crystals. Modified to use 2.4 kHz filter on AM. Excellent condition. . . \$275 + UPS

Hammarlund HQ-180AX + matching speaker; works OK but needs alignment; chassis clean \$215 + UPS

Hammarlund SP-600 JX 17 general coverage receiver; .54 to 54 MHz; excellent condition. Prefer local pickup, but will ship freight collect. Will deliver within 150 miles. \$250

Drake R-4A receiver; covers 1450 kHz to 30 MHz with proper crystals; includes all Ham & SWBC crystals + others. Has the highly effective Drake passband tuning; independent selection of 4 different IF filters; notch filter; 100 kHz calibrator; noise blanker. Very good condition \$235 + UPS

No reasonable offers refused

JERRY STRAWMAN, 519-30th STREET N.E., CEDAR RAPIDS, IA 52402
PHONE 319-362-7124 after 0000 UTC.

FOR SALE . . . Modified Yaseu FRG-7 MK III. Has 4 kHz and 2.4 kHz ceramic IF filters, improved AGC action, and a Gilfer GAR-7 4-digit readout. Mint condition, a \$560 value for \$350
GARY HICKERSON, PO BOX 3135, FORT SMITH, AR. 72913
PHONE 918-626-3945 after 5 pm CDT, no collect please.

FOR SALE . . . Hammarlund HQ-140X receiver, good condition but has scratches on top of cabinet lid, I pay shipping \$90

Hammarlund HQ-180C, recently reconditioned, I ship \$200

Collins R-388, recently reconditioned, 1 KHz readout, I will pay shipping \$250

Panasonic RF 2600 digital AM/FM/SW portable; 3.9-28 MHz SW; SCA on FM; I ship \$120

National HRO-500 w/PBT, notch, 4 selectivities; low internal noise, transistorized; good condition but needs original cabinet. Preselector tuned, 60 band, PLL synthesizer; quarter inch per kHz, 2-speed tuning; was \$2695 in the '70's, got \$900 into it best offer of \$500 or more

GE Superadio model 7-2880A, works good, I ship \$40

Radio Shack TRF model 12-655, works good, I ship \$22

Autek QF1 Audio Filter with peak, notch, and lowpass, good condition; I ship \$30

GEORGE SHERMAN, BOX 2284, MINNEAPOLIS, MN, 55402
PHONE (612) 588-2618 Monday-Friday

FOR SALE . . . Panasonic RF-085 AM/FM/SW Portable Radio, in very good condition. Complete with batteries, earphone, and instruction sheet. In original box. Cashier's check or Postal Money Order only; I pay shipping in the 48 states \$55
CHARLES C. BOEHNKE, PO BOX 223, LOS GATOS, CA 95031

FOR SALE . . . Hammarlund HQ-180AC receiver. Recently aligned and re-tubed.
 STEVE HUFF, PO BOX 103, SO. COFFEYVILLE, OKLAHOMA 74072 \$375
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FOR SALE . . . Sony ICF-7600A. Almost brand new condition; used very little.
 Excellent AM and FM performance for such a small rx. Also has
 the major SWL bands. Will trade for digital Superadio(#7-2882)
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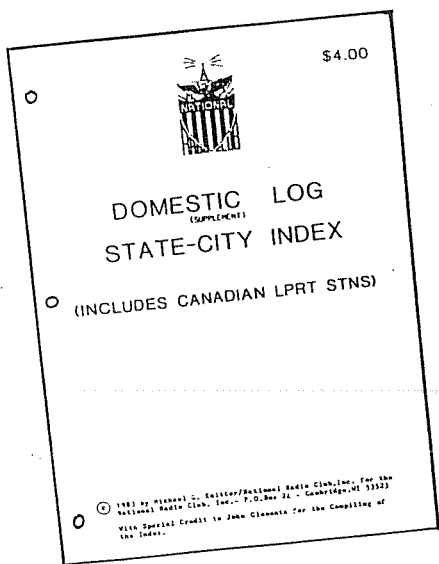
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SAMPLE PAGE

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ALABAMA	Anniston	1470	100	
	Anniston	1470	100	
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via Alan Nielsen

MONDAY THROUGH FRIDAY

5:00 AM	WHO FARMRADIO News, markets, weather Keith Kirkpatrick, and Lee Kline
5:30 AM	WHO NEWSRADIO Non-stop news, Accu-Weather, Captain Jack's traffic reports, sports capsules, special features
8:30 AM	WHO TALKRADIO With Julie Gammack
11:30 AM	WHO FARMRADIO News, markets, weather Keith Kirkpatrick and Lee Kline
1:30 PM	WHO TALKRADIO With Jon London
4:00 PM	WHO NEWSRADIO Non-stop news, Accu-Weather, Captain Jack's traffic reports, sports capsules, special features
6:30 PM	SPORTSLINE WEDNESDAYS - SPORTSMAN'S NOTEBOOK With Jim Zabel With Bob Wilbanks
8:00 PM	WHO TALKRADIO With Jim Frye
10:00 PM	WHO NEWSRADIO
10:30 PM	WHO TALKRADIO With Jim Frye
12:00 PM	THE LARRY KING SHOW With Larry King

SATURDAY PROGRAM SCHEDULE

12:00 Midnight	THE LARRY KING SHOW
5:30 AM	WHO NEWSRADIO
6:00 AM	WHO FARMRADIO
6:30 AM	WHO NEWSRADIO
8:15 AM	WE'RE ALL WORKING WOMEN
8:30 AM	WHO TALKRADIO - Julie Gammack
11:45 AM	WHO FARMRADIO
1:00 PM	WHO SATURDAY SPORTSLINE - Mike Lee and Larry Cotlar host one of the nation's most comprehensive radio sports programs, featuring state and national sports celebrities, news, scores and special features.
6:00 PM	WHO NEWSRADIO
6:30 PM	CHOICES
7:00 PM	WHO TALKRADIO
11:45 PM	SPORTS FINAL

SUNDAY PROGRAM SCHEDULE

12:00 Midnight	WHO TALKRADIO - Jim Frye
1:00 AM	NATIONAL TOWN MEETING
3:30 AM	AMERICAN FOCUS
5:00 AM	CLOSE-UP
5:30 AM	CHOICES
7:00 AM	GOOD NEWS UNLIMITED
7:30 AM	CHANGED LIVES
8:00 AM	HEAVEN AND HOME HOUR
8:30 AM	THE QUIET HOUR
9:00 AM	WORDS OF HOPE
9:30 AM	BUY AND SELL - Lil McDonald
10:30 AM	CLOSE UP
11:00 AM	PLYMOUTH CONGREGATIONAL CHURCH
11:30 AM	WHO FARMRADIO - FARMLINE - The nation's only phone show devoted to farming.
12:30 PM	WHO NEWSRADIO
12:45 PM	NEWS ABOUT RELIGION
1:00 PM	WHO TALKRADIO - Bob Williams
4:00 PM	WHO TALKRADIO - Ruth Ann Gaines
6:00 PM	WHO TALKRADIO - ANTIQUES AND COLLECTABLES - Ruth Ann Gaines
7:00 PM	BLACK NEWS REVIEW
7:30 PM	VOICE OF SOUTHEAST ASIA
8:00 PM	MEET THE PRESS
8:30 PM	BACK TO THE BIBLE
9:00 PM	BIBLE STUDY TIME
9:30 PM	FIRST BAPTIST CHURCH OF ATLANTA
10:00 PM	FAMILY BIBLE HOUR
10:15 PM	THE PERFECT WAY
10:30 PM	HOUR OF DECISION
11:00 PM	BACK TO GOD HOUR
11:30 PM	RADIO BIBLE CLASS

SAN FRANCISCO/SAN JOSE METRO MARKET

RADIO MARCH 1988

COUNTRY	BEAUTIFUL	STANDARDS
KNEW 910	KABL 960	KSFO 560 (DAY)
KEEN 1370	KOIT 96.5	KTIM 1510 (DAY)
KSAN 94.9	KABL 98.1	KLIU 1590
	KEAY 100.3 (S)	
AOR	CONTEMPORARY	CLASSICAL
KSJO 92.3 (S)	KFRG 610	KIBE 1220 (DAY)
KRQR 97.3	KHTT 1500 (NIGHT)	KKHI 1550
KOME 98.5 (S)	KWSS 94.5 (S)	KKFI 95.7
KQAK 98.9	KITS 105.3	KDFC 102.1
KFOG 104.5		
KMEL 106.1		
AC	GOLD	URBAN

KNBR 680 (DAY)	KYA 1260	KDIA 1310
KKIS 990 (DAY)	KARA 105.7 (S)	KSOL 107.7
KLOR 1170		
KMUN 1480 (E)	NEWS/TALK	SOFT R&B/JAZZ
KHTT 1500 (S)<DAY>	----	
KLHT 93.3	KSFO 560 (NIGHT)	KBLX 102.9
KPEN 97.7 (S)	KNBR 680 (NIGHT)	JAZZ
KYUU 93.7	KCBS 740	----
KIQI 101.3	KGO 810	KRE 1400
KKIQ 101.7 (SE)	KKIS 990 (NIGHT)	KJAZ 92.7
KEZR 106.5 (S)	KGO 103.7	
PROGRESSIVE	GOD	SPANISH
----	----	----
KTIM 100.9 (N)	KFAX 1100	KIQI 1010
	KEST 1450	KOFY 1050 (DAY)
	KEAR 106.9	KAZA 1290 (S)<DAY>
		KNTA 1430 (S)
		KRVE 95.3 (S)
		KDOS 104.9

SIGNAL AREA
N=NORTH
S=SOUTH
E=EAST

via Greg Monti

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