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### CADX GETTOGETHER

The Chicago area DXers will have their annual New Year's Gettogether on January 2 through 5, 1987 at the home of Robert Kramer, 6416 N. Richmond, Chicago 60645. Activities will include DX gab, promo trading, radio station 20 questions, and the traditional AN MM DX session on January 5 AM. For more information call Robert Kramer at 1-312-262-6299.

### HELP WANTED

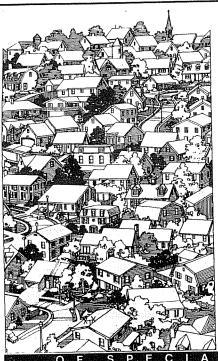
We have a number of club positions currently available. The most urgent of which is for Goodie Factory Manager. Kraig Krist has had a change in job assignment which he hadn't known about when he volunteered a few months ago, but which will nonetheless require that he step down. Our thanks to Kraig for the excellent job he did in the short time he was in charge of the Goodie Factory. Kraig's resignation is effective in January, so if you're interested then get in touch with us right away. Basically, it involves spending 3-4 hours a week making photocopies of articles and filling orders for reprints, publications, etc. We can fill you in on more details.

As noted in last week's President's Report, we are currently looking for someone to host next year's convention. While there's usually a fair amount of work involved, there is also a great deal of satisfaction in doing it (ask most former convention hosts). There's also the opportunity to meet a lot of the people you know through DX Monitor. The convention traditionally alternates between east and west of the Mississippi. The last one was in Florida, so we're now due for another western convention.



### COVER ARTWORK

Last week's cover was of a KOMO-1000 verie. It's quite an entertaining card, especially the full color original. You can probably get one by sending a reception report. Also, the CKCY-920 cover on the 11/8 DXL was a 20 year old QSL sent by Gardner Smith.



### EASTERN DX ROUNDUP

GARDNER SMITH, EDITOR 1000 PERRY STREET BROOKLAND, D.C. 20017

ALL TIMES ARE EASTERN STANDARD DEADLINE: SATURDAYS

CONTRIBUTORS to the column are: • GS-MD:
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5]2. Kenwood TS430S, longwire, 4 ft. loop • WPT-DC:
William P. Townsend, 4500 Conn. Ave., Wash D.C. and
WPT-MD, DXing in Marlow Heights, Md.

KEY: Comments inside square brackets [ ] are editorial comments. SSS: Sunset Skip; SRS: Sunrise Skip; SID: Sung ID; SS: Spanish; FF: French; OC: Open Carrier; TT: Test Tones; MX: Music; WX: Weather; QRM: Interference; QSB: Fading. QRU: That's all there is, there ain't no more

	0		SPEC	
kHz		State		Date/Time/Reporter/Notes 11/7-1810 JH-PIT. Near xlnt w/"New WJAX" ID. Ex-WAPE.
690	WJAX	FL	Jacksonville	Gone at 1815 powerdown. [I don't seem to have anything from Greg Monti on this. WJAX was on 930 kHz until very recently.
				Ed.]
730	CJNR	ON	Blind River	11/13-1800 JH-PIT. Dominant when surfaced thru CHYR7,
				CKAC & domestics w/US pop mx, wx, ID at 1800 "930 CKNS Espanola, 730 CJNR Blind River, 1340 CKNR Elliot Lake." CJNR
				is the mother of these twins. Finally heard! I Good work. I've neard
				CINR only once in ten years. 730 now full of ANers w/Mexican treaty signed. Ed.]
740	WLWI	AL	Montgomery	11/13-1744 JH-PIT. Vgd, nx/ID. Ex-WBAM.
870	WQRX	AL	Valley Head	11/22-1745 GS-MD. Pr in null of WHCU. S/off w/fanfare, but no SSB. New catch #1418.
1140	KSOO	SD	Sioux Falls	11/13-0019 JH-PIT. Strong u/WRVA w/freeze forecast.
	WNYS	PA	Lehighton	11/19-1625 WPT-DC. Fr in null of WMET w/wx by YL, ment of Poconos. [I have Greg Monti's note that WNYS is on 1160. Must have been a typo. Ed.]
1550			UNID	11/6-2230 JH-PIT. Call sounds like KADA o/u CBE. Format not determined. [How about KOKA Shreveport, La.? Ed.]
1560	KWCO	OK	Chickashaw	11/12-2320 JH-PIT. "KWCO 1560 AM, KXXK 106 FM Stereo in Chickashaw, the best in today's and yesterday's music," into CWM. Occasionally topping WQXR. What's current stats? [Nice going. Currently 1000/250. A good QSLer. Ed.]
1580	KCHA	IA <sub>.</sub>	Charles City	10/27-1814 RSR-ON. Gd. w/ID as "CHA." Rock mx. Red Cross spot, nx & livestock rpt 1820-1830. S/off 1830. Runs 250 watts. [Nice catch. Ed.]
		R	E G U L	AR LOGGINGS
kHz	Call	Stat	eQTH	Date/Time/Reporter/Notes
515	OS	OH	Columbus	11/22-2359 GS-MD. Ohio State University NDB.
516	VPX	WV	Pinesville	11/22-2357 GS-MD. Wyoming County Airport NDB.
524	HEH	OH	Newark	11/22-2350 GS-MD. Licking County Airport NDB.
524	UOC	IA	Iowa City	11/22-2352 GS-MD. Municipal Airport NDB.
524	AJG	IL	Mount Carmel	11/22-2356 GS-MD. Municipal Airport NDB. Very rare to hear all three of these NDBs at one time. These NDBs are useful in revealing western openings on the low end of the broadcast band.

		-	CICCIONE PROPRIO DE MANTE PERCONENCIONE	
600	WMT	IA ·	Cedar Rapids	11/12-2358 JH-PIT. Common, but on top; w/lowa state sports nx, Larry King promo. No Cuban.
610	CHNC	PQ	New Carlisle	11/13-JH-PIT. Sitting on GY-sounding 610 when FF came up to semi-local level. Flipped on bev and they were superloud w/IDs, ment of New Carlisle, Transport Canada, and frequent "Telemedia" refs to pgrm. Stayed on top an hour w/only a few deep fades. New, and quite unexpected at 5 kw—most distant PQ here (Notre Dame Mountains).
690	WVOK	AL	Birmingham	10/21-1905 RSR-ON. Gd w/"The World Tonight" on CBS; local nx at 1915.
840	CHUR	ON	North Bay	10/2-2000 RSR-ON. Fr u/ WHAS w/ nx.
930	CFBC	NB	St. John	10/27-2255 RSR-ON. Gd w/ WBEN. Rock mx; into nx by YL at 2255.
990	CBW	МВ	Winnipeg	10/22-2100 RSR-ON. Gd w/CBC nx, ID as CBC-Winnipeg. CFPL-980 splatter.
	WKBQ	NC	Garner	11/19-1647 WPT-DC. Fr w/spot for auto dealer in Raleigh. WPT-DC.
***************************************	WLBR	PA	Lebanon	11/21-0754 WPT-MD. Fr/gd w/ID by OM, nx at 0800.
	WKST	PA	New Castle	11/22-1646 GS-MD. Got AM ID but also IDs as 98-CHY. Nasty rock, or as WPT-DC calls it, "Chainsaw."
	WELM	NY	Elmira	11/22-1600 GS-MD. Parallel WACK-1420 w/football.
	WCOJ	PA	Coatesville	11/22-0945 GS-MD. Pushing thru local WKCW w/ment of Thorndale.
1420	WACK	NY	Newark	11/22-1600 GS-MD. "Syracuse Univ. Football Network" parallel WELM-1410 w/Syracuse-W.Va. game.
		OH	Kent	10/7-1835 RSR-ON. Gd. u/WWKB w/CWM mx.
	WBSC	SC	Bennetsville	10/7-1845 RSR-ON. Fr w/CBE w/gospel.
1550			UNID	10/1-2025 RSR-ON. Carrying St. Louis Cards baseball. ID as "the all-new information station." A "K" callsign, but could not make it. [Maybe KKPE Cape Girardeau which just changed calls from KEWI, and may have changed format as well. Ed.]
1570	WNCA	NC	Siler City	11/21-1927 GS-MD. Just callsign ID. Unable to get format. Religious? Does not s/off at sunset anymore.
1580	WKUN	GA	Monroe	11/9-1805 JH-PIT. Football scores, CWM, "WKUN salutes the ladies at the Walton County Hospital" by YL. Finally logged, Fro/the other Georgian. [That would be WEAM Columbus, but there's a third one, too—WKIG Glennville. Ed.]
1580	KLTR	OK	Blackwell	11/7-2315 JH-PIT. Tentative, apparent callsign ID in mess (on tape) u/CBJ o/Colombian. Are they using a night authorization now? [Very probably, now the Mexican treaty has been signed, but 1 show the callsign as KOKB. Could you have heard KTGR Columbia, Mo.? Ed.]
1580	WBGB	FL	Mount Dora	11/5-1929 JH-PIT. Tent. in slightly Aucx w/end of nx, Fla. Nat. Wx Sce & almost certain ment of Mt. Dora. Unheard since a DX test a few years back. [Yep! They definitely give the best DX test around. Ed.]
1580			UNID	11/5-1931 JH-PIT. Fr/pr, call sounds like KRPM. No format heard.
1590	KYDE	AR	Pine Bluff	11/12-2327 JH-PIT. On wedge w/freeze warning. ID, into unid mx. Starr-NRC says this is 500 watts nights.
				KVOO RADIO TULSA 50,000 wette 1170 ke NBC AFFILIATE on the eir 24 houre work dey THE VOICE OF ORLANDRA SINCE 1925

Editor:

: John C. Johnson 979 Neptune Boulevard Billings, Montana 59105-2129

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Deadlines: Mondays 12/1, 12/8, 12/15, 12/22, 12/29, 1/5, 1/12, 1/19, 1/26.
[NJW] = Niel J. Wolfish, 867 Wicklow Street, Winnipeg, Manitoba R3T OH9
Sony ICF-2010, Superadio, LW
[JCJ] = Your editor using an ICOM IC-R71A with a Radio West Loop
700 CKRD AB Red Deer, 11/22, 0515, strong o/WLW w/oldies rock, many IDs as "Radio 7, CKRD" EX-850. AB#38. [JCJ-MT]
<<<<<<<<<<<<<<<<<<<<<>CULTURE NUMBER OF STATEMENT OF STAT
                            Nampa, 11/19, 0400, strong o/WIBW, w/"Music Of Your Life"
format, not on IRCA Almanac MDYL list. Many IDs. [JCJ-MT]
  580
          KFXD
                     ΙD
                             St. Joseph, 11/19, 1755, good alone w/talk on MD football,
  480
           KEED
                      MΩ
                            ID "KFEQ, The Sound Of A Leader". MO#17. [JCJ-MT]

Omak, 11/19, 1800, good w/News, light oldie rock mx, 1 spot after every 2 records. WA#51. [JCJ-MT]
           KIMM
                      WA
                             100 Mile House, 11/23, 0800, weak but ontop 840, no WHAS.
  840
           CKBX
                                    "Sports scene", WX, 0808 Special nx report "Cariboo
                             Central Interior Radio Network". Rock mx. BC#19. [JCJ-MT]
                             West Point, 11/23 0800 s/on u/CKBX. [JCJ-MT]
           KWPN
                      NE
                             Red Deer, 11/5, 0713 w/taped announcement "CKRD is Now On
           CKRD
                      AB
  B50
                             700". Apparently moved to 700 on 11/3 but conditions & WLW
                             have prevented me from logging 700 here so far. [NJW-MB]
                             Saskatoon, 11/22, 1800, good o/KTRB w/Radio Canada News &
           CFNS
                      SK
   840
                             Sports. FF. SK#22. [JCJ-MT]
                             Osceola, 11/4, 0057, poor & alone, end of C&W mx, "River Country" wx, 0059 taped s/off, no anthem. [NJW-MB]
Smithers, (Tent. ??anyone else ID this one??), 11/23, 0900
            KOSE
                      AR
            CFBV
   870
                      BC
                             on top strong, KUUY nulled. "Columbia Shuswap Radio News"
                             brief lite mx between sports & wx. Some spots. 0930 more
                              "Columbia Shuswap Radio News". BC#20. [JCJ-MT]
                             Bethany, 11/15, 0733, poor o/KPRM w/"Can" NX read by Scott
            KAAN
                      MD
                             Dowd, funeral rpt, Gallatin Livestock Auction spot, farm
                             market report. [NJW-MB]
                             Fulton, 11/4, 0102, fair o/XEQ w/s/off by man mentioning
   900
            KFAL
                      MO
                             power of 1000 watts, taped announcement invited listeners
                              to "enjoy the National Anthem", however, the anthem was
                             not played! [NJW-MB]
                             Billings, 11/23, now airing Denver Broncos games. [JCJ-MT]
910
           KBLG MT
                             Moses Lake, 10/30, 0748 w/C&W Willie Nelson song, 0750 ID
  1020
            KWIQ WA
                             as "Country Music Radio KWIQ", mention of event at Adams
County Fairgrounds, then C&W. Fair & alone. [NJW-MB]
                            +11/19, 1735, weak ontop, C&W mx, many spots, IDs as "Q-FM 100, Q-10-20" [JCJ-MT]
                             Vancouver, 10/26, 0230-0315 in dogfight w/WHO. Contempoary
  1040
            CIOF
                      BC
                              Adult mx, mostly nonstop, DJ change at 0300. Only one spot
                              heard at 0251, also PSA for Vancouver Symphony Orch. event
                              IDs as "Superstation British Columbia, 10-40 AM Radio"
                              (Talk about ridiculous!!) [NJW-MB]
                              Benton Harbour, (sorry, I forget that Canadians spell that
  1060
            WHBF
                      ΜI
                              differently than you Americans), 10/30, 0616, fair w/CFCN
                              & 1050-CKSB splatter. Older man w/local wx, lottery numbers
                              ID into James Taylor's "Every Day". [NJW-MB]
                              Plentywood, 11/15, 0813 fair w/KNX & WTSO. "International Radio KTAQ" IDs. C&W mx. [NJW-MB]
  1070
            KATQ
                              Owosso, 10/30, 0655 woman w/Michigan lottery numbers, local
            МПАР
                       MT
  1080
                              nx, PSA, ID at 0658 as "This is WOAP, Owosso" then lost to
                              KRLD. [NJW-MB]
                              Kitchener, 10/30, 0636 poor u/CHEK/KAAY w/mx "Hot Fun In
            CKKW
  1090
                       ΠN
                              The Summertime", ID by DJ Kevin Aubrey as "Solid Gold CKKW"
                              Beaver Lumber spot. [NJW-MB].
                              Kentwood, 10/30, 0625-0818, fair to poor fighting w/KSOO & CKXL. 0625 Spot for Force/MDs concert at Lansing Civic Ctr TC & "Metro-Weather" by DJ Frank Grant included Muskegon temp., ID as "1140 KWM". Urban/Contemp. mx. [NJW-MB]
  1140
            WKWM
                       ΜI
                              Lima, 11/14, 1931 w/local nx, "Accuweather", Milk spot, ID as "AM-1150" into Ronstadt song. Poor w/CKX & KSAL.[NJW-MB]
                       DН
  1150
            WIMA
                              Waseca, 11/15, 0800, fair w/KKZX & KVDD. ID "Stereo 92, AM
                       MN
  1170
            KOWO
                              1170, KOWO Waseca", ABC Nx. [NJW-MB]
Mississauga, 11/15, 0716, fair w/WOWO. "Mississauga Radio
  1190
            CJMR
                       ON
                              CJMR" jingle, mx by Whitney Houston. [NJW-MB]
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1230	KYSM	MN	Mankato, 10/30, 0559, poor w/WCUZ, briefly in w/end of mx, ID "it's 5 o'clock, 33 degreesMankato at KYSM" [NJW-MB]
	WCUZ	ΜI	Grand Rapids, 10/30, 0557, poor w/KYSM. w/local nx, 0558: "when you see news dial CUZ-News", TC "CUZ-News time" Spot for ABC Warehouse. [NJW-MB]
1340	KROC	MN	Rochester, 11/6, 0131, poor w/KWLN. Briefly w/KRDC "Colour Radar Weather", ?back into Larry King? [NJW-MB]
1360	KMRN	MO	Cameron, 10/30, 0713 w/agri/farm nx, Spot for American Bank in Plattsburg. Sig poor & brief in mess w/KSCJ & harmonic of CJOB-680. (was looking for Iowa's KHAK or KBKB) [NJW-MB]
	KWAS	ТX	Amarillo, 11/5, 2018 ID by man simply as "KWAS" & mention of Christian mx, faded down to CJOB-680 harmonic & back up at 2022 w/local spots, wx, "66 degrees in Amarillo at KWAS", into female Christian vocal. Fair at best & totally gone by 2030. No sign of usual KCSJ or KKBJ. [NJM-MB]
1380	KCIM	IA	DJ, lcl nx 1905, PSA for Iowa Buckle Up Challenge. [NJW-MB]
1400	CKSQ	AB	Stettler, 11/5, 0807, poor & alone. ID by DJ Rich Nickell as "Q-14" & mentioned sports rpt at 6:26 (0826) into C&W According to station, CKSQ relays CKDQ-910 Drumbeller in
1430	KYKN	OR	the evenings between 2200 and 0800 ELT. INJW-MB] <u>Keizer</u> , EX-KGAY, very quick veri asking for reports!  \VERI-TIP: 11/20 veri signed by Dick Bond, Program Dir.
1490	KUGR	WY	address: Box 1430, Salem, Oregon 97308 [JCJ-MT]\\ <u>Green River</u> , 11/5, briefly in at 0806 w/lcl nx read by male sponsored by Outlaw Inn. Fair sig(just before the CJOB+CKJS 680+810 mix product arrived on 1490!) [NJW-MB]
1530	KHAT	NE	Lincoln, 11/18, 1753 good w/KHAT News, female annor, then rock mx. EX-KECK. NE#37. [JCJ-MT]
1590	KEND	TX	Lubbock, 11/5, 2003, fair w/KCNN. UPI Nx, 2005 into C&W, 2007 male DJ gave time & ID, more C&W. ENJW-MB]
	MTVB	ΜI	Coldwater, 11/5, poor u/KCNN, 2248 w/big band mx, male DJ (very laid back), 2300 SID. [NJW-MB]
<<<<<	<<<<<.	<<<<	<<<<<<<<<<<<<<<<<<<<<<<<<<><<>>>>>>>>>
990	7777	??	????, 11/2, 0259-0310, very poor w/XET during CBW silent
1140	7777	??	period, w/rock, DJ outro & "Good Morning". I wonder if this was KKIS, Pittsburg, CA? [NJW-MB] {KKIS is rock w/female DJ most late nights, strong into Billings. Ed.} 222?, 11/5, 1911-1924, very poor & gone by 1930. Black/Soul mx, male DJ, weak spots, only discernible thing heard was
1600	. 2222	. 22	phone #: "The Powerline (?) is 424-1140". [NJW-MB] 7777, 11/6, 0100-0107 TT dominating freq o/KRXY. Assume
			this was KCRG but never heard ID. [NJW-MB]

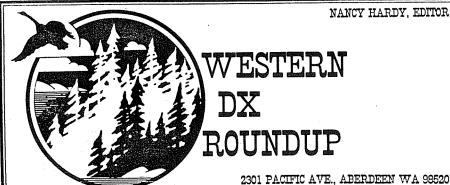
Welcome to THE NEW CDXR! If you have never reported give it a try, your tip just may be the clue to someones unknown logging! Please follow the format you see above. Report times in Eastern. Do not submit loggings from the more regular clear channel stations, unless it is something unusual. As far as groundwave loggings go, report your loggings if it is something unusual, or not previously known. Thanks Neil for your report this week! 73s, John.

### RAY BRIEM SHOW//ABC TALKRADIO

### 3RD ANNUAL "D X SPECIAL" -- SATURDAY JANUARY 10, 1987--0806 UTC

Here's your chance to plug your favorite club and air your favorite DX-related topic on national radio! Our in-studio guests will be Paul Swearingen, Monitoring Times columnist and NRC musings editor, and Stweart MacKenzie, president of the ASWLC. Joining us by phone will be Bob Grove, Publisher of Monitoring Times, and Dr. Bruce Elving, publisher of the FM Atlas. Later in the morning, we'll also speak with Tom Kneitel, editor of Popular Communications, and George Jacobs, worldwide radio engineering specialist, among other notable personalities from the DX world. We would also like to hear from you, if you're outside the Los Angeles area, just call 1-213-879-8255 during the show. When you call in, just let the phone keep ringing. We'll save you a few bucks, and answer just before your turn to go on the air! This program will be heard nationally -- some key stations include WABC-770, WPRO-630, WTKN-790, WERC-960, WJBO-1150, WKIS-740, KPRC-950, KRNN-930, KTAR-620, KABC-790, KFBK-1530, KXL-750, and KGU-760. Program times may vary a bit, so be sure to check your local schedule. Any information, inquiries, ideas, etc. are welcome -- just send them to:

Greg Hardison KABC Radio P.O. Box 79 Los Angeles, CA 90016



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To phone in WDXR tips: (206)532-6827 7-9pm(PLT)
DEADLINES: Mondays in December and Tuesdays in January
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        Ed Hoffman-P.O. Box 125-Eurlington, WA 98233
(EH)
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GE Superadio, GE long-range portable, SM-2

John Wilkins-4385 Hoyt St. #205-Wheat Ridge, CO 80033
(RW)
(ØW)
R-1000, R-390A, indoor wire, 4* box loop
OF SPECIAL INTEREST:
                OK, Clinton 11/13 1907 ID by YL heard in QRM, "KYOL, AM 1320," then swamped in GY mess. Call change, ex-KKCC. (ØW-CO)
1320 KKOL
*************
DX TESTS:
 930 (KLCY) MT, Missoula 10/27 0330-0400 unheard, only KSEI/KRTH. (DKK-CA)
 960 (KSRA) ID. Salmon 10/27 0300-0400 unheard, KABL on. (DKK-GA)
320 KSIV MO, Clayton 11/15 0203 poor with tones, instrumental music, gobs of QRM. Only IDs noted were 0203 & 0222, tho there were probably
1320 KSIV
                more. About 25% readable here. (ØW-CO)
       (KSIV)+11/15 0200-0230 tried, not heard. Too musch KBUG/KGNR, though
could've made it on 5kw ND antenna. (RW-CA)

1380 (KLPZ) AZ, Parker 11/17 0300-0330 unheard, only KTOM & KEEN-1370 slop.
(DKK-CA)
               +A no-show. Would ve dominated the freq. here if they were on,
                MM 11/17 0300-0330. (TRH-CA)
1470 (KSVA) AZ, Sierra Vista MM 11/17 0300-0330 another no-show. Would have
                dominated the freq. if they were on. (TRH-CA)
               +11/17 0300-0330 unheard, only KXOA/KUTY. (DKK-CA)
+11/17 test NOT heard, nothing noted on 1470 in 0300-0330 time
slot after CJVB s/off at 0307:30, although I suspect CJVB carrier
                 may have been left on. (RHM-WA)
                 SK, Watrous 11/18 0423 noted with OC. (EH-WA) SD, Yankton 11/19 0200 briefly with blip ID into CBS News. KVI
   540 *CBK*
  570 WNAX
                 nulled. (EH-WA)
                 BC, Cranbrook 11/17 1827 good with "E-K Radio" slogans, rock
         CKEK
                 music. (EH-WA)
                 ID, Blackfoot 11/18 0500 rough in KNBR splat with IDs mentioning
  690 KBLI
                 Blackfoot, C&W music. Noted often with XETRA off. When did they
                 go 24 hours? (EH-WA)
        ?KHEY? \overline{\text{TX}}, El Paso 11/17 0800-0803 tent. with blip "KHEY" thru mess
                 0/u unID/KGGF/unID FF (CBKF-1?), XETRA off, came back on at
                 0805 to ruin it, $*#&@*. (RW-CA)
WA, Newport 11/18 1700 ID, weak, but with Newport merchant ad.
   700 KMJY
                 Much better 11/19 1802 ID. (RHM-WA)
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AB, Red Deer dominant on new freq. with weather (-1900---brrr!) and "Radio 7, CKRD" ID 11/10 0702. Still rock format. (AWP-CA)

CKRD

6

- 700 CKRD +11/17 0056 with ID after lots of pop music. Also gave time. cont'd Was over KFAM at time. Solid ID 0110. Is in & but with KFAM/WLW since. (DKK-CA) +11/18 1713 ID, strong atop all. Ex-850/1230. (RMM-WA)
- 720 \*KDWN\* NV, Las Vegas 11/17 0302 noted with OC, TT. (RW-CA) MB. Dauphin 11/19 0041 good in CKLG null with talk show, IDs 730 CKDM
- into rock music. (EH-WA)
  740 \*KERT\* CA, Avalon 11/14 0330-0400 testing on a weeknight with tones, contemp. Christian vocals. Level with KCBS. (TRH-CA) ON, Toronto 11/20 0534 good with weather for Ontario, ID into CBL
- MOR songs. (EH-WA) 750 KOAL UT. Price 11/16 2337 noted carrying Utah Jazz BKB, then Larry
- King later. (RW-CA) +10/31 2245 with Utah Jazz BKB game. Fair signal with some KCBS-740 slop. ID ed 2300 after game was over. Reg. programming with C&W music 2311. Ai news at 2400. Fair signal since. (DKK-CA)
- NM, Albuquerque 11/19 2000 legal KKOB ID. Thanks Alan. (DKK-CA) SK, Moose Jaw 11/14 2055 live WHL game, Regina vs Moose Jaw Warriors. Very good o/XEROK. (ØW-CO)
  NY, Schenectady 11/21 0459 fair with rock music, "This is headline news on WGY." KGO nulled. (EH-WA) 770 KKOB 800 CHAB
- 810
- WGY 820 ON, Hamilton 11/18 2300-2305 totally atop with WBAP weak under. CHAM
- (RHM-WA)  $rac{AZ}{AZ}$ , Tucson 11/16 2000 my most-wanted AZ station finally heard after months of trying. Fair in KNCO null, WCCO not in yet. IMS 830 KFLT news on hour, YL giving news from Tucson/Phoenix area, clear
- "KFLT" ID, into hymns. At last... (RW-CA) 850 KHLO HI, Hilo 11/19 0330-0445 thru KOA. Lots of rock music with few IDs or ads. Two TCs at 0436, then ads including one for Pro Bowl in Honolulu and a shopping center in Hilo. Cut thru KOA talk well at times & was almost atop at 0436. First time heard
  - with this call altho I've logged 3 or 4 previous calls. (DKK) AB, Red Deer o/u KOA-850 with tape loop annot. "850 CKRD has CKRD moved to 700 on your dial with 50,000 watts in AM stereo. Please move your radio dial to 700." So I did and bagged it right away. Heard 11/10 0700. (AWP-CA)

    ID, Pocatello 11/15 0242 with TT, strong in KRTH null. Back on
- 930 \*KSEI\* RS at 0300. (RW-CA)
- 1060 KGFX SD. Pierre 11/8 1917 American Eagle syndicated program featuring Steve Warner concert. Local ads 1917, 1932. Fair, o/u QRM (KFNA, KLMO, KUKQ). Verie received. (ØW-CO)

  TX, El Paso 11/14 1941 ad for Rio Grande Mall; program of
  - KFNA sentimental music, SS DJ, thru to 2057 SS/EE s/off. Fair o/u QRM. (ØW-CO)
- $\overline{\text{ND}}$ , Bismarck 11/19 1802-1805 NBC News, followed by ND news with local ad, "KBMR news time 5:09," more ND news. 1813 weather 1130 KBMR into Johnny Lee song. Fair to good with CKWX nulled. Suddenly
- disappeared 1815 at power change. Thanks Ed Hoffman for tip! (NH) 1220 CA, Palo Alto apparently not AN anymore. Noted off after midnight all last week (11/10-11/16). 1220 is open again! (RW-CA) KDFC
- OR, Burns 11/20 1850-1900 local ads & music, 1900 Ai news, 1905 ID into local news item. Fair with KVAS nulled. New. (NH-WA) 1230 KZZR
- 1240 KPOD CA, Crescent City 11/19 1908 way atop with ad, long detailed weather forecast, ID, then Paul Simon song. (NH-WA)
- 1320 KNIA
- Weather forecast, 1D, then Paul Simon song. (MN-wa), IA, Knoxville 11/13 1930 poor, just briefly o/QRM with ad for HyVee Holiday Bingo card, ID by YL. Using the new post-sunset authority, apparently. New, IA #20. (ØW-CO) KS, Lawrence 11/13 1853 local ads, music to 1900 ID, UPI News, then music, talk, Turkey Giveaway promo. Poor in QRM, but enough KLWN
  - of a report. New, KS #35. (ØW-CO)

    UT, Salt Lake City 11/15 0232 rock oldies, thru with no ads to 0300 CBS News. Dominant on indoor wire, but fair/poor surprisingly on big loop! 0259 ID as "K-B-U-G, Salt Lake City-Ogden-Provo." KBUG (ØW-CO)
- 1340 KSFE CA, Needles MM 11/17 0220-0242 a surprise, dominating channel w/ OMD DJ, ad for Needles Point Liquor-Deli, ID as "Needles Radio-KSFE." Format was an unusual mix of light 70's rock and EZL/adult standards. No sign of KISF, which usually dominates this freq. day & night. New, CA #181. (TRH-CA)
  - KWVR OR, Enterprise 11/18 0705 ID in heavy QRM; also at 0900, nothing worthy a report, but will keep an ear open for this needed "graveyarder." Thanks to pb for tip re. this; don't really need another ANer on 1340! (RHM-WA)

BC, Dawson Creek per call to CJDC, won't be moving to 890 kHz with 10kw day/night until "fall" 1987. (RW-CA) KS, Topeka 11/9 2008 pop oldies format, ex-country, ex-KSKX. .1350 CJDC 1440 KEWI Good here, as always. "Keewee" slogans. (MW-CO)
II, Peoria 11/17 0400 weak but clear ID, then into CBS news, I 1470 WMBD believe. (RHM-WA) +11/19 0430 briefly o/jumble with ID into Larry King. (EH-WA) OH, Toledo 11/19 0500 ID as "The new 14-70 W-0-H-O Toledo" into WOHO MOR songs. Good signal for listed 1000 watts. (EH-WA) WY, Douglas 11/17 1856 state news, read by YL, weather. 1900 ID as "Today's Best Country for Converse County is K-W-I-V Douglas," KWIV then CNN News. Fair, o/u QRM. (ØW-CO) NY, New York 11/20 0501 good with classical music, IDs. (EH-WA) UT, Manti 11/9 1900 ABC News, weather for southern Utah. Good WQXR 1560 1590 KMTI for a few minutes, but soon lost to KVGB. Also some KRXY-1600 local slop. New, UT #27. Verie received. (ØW-CO)
CA, Pomona 11/16 2353 still using these calls, good with ID 1600 KWOW "K-Wow 1600, playing your favorites." Still not KMNY yet. (RW)

UNIDs:

690 11/17 0712 unID weak & fluttery with "American Music Magazine" with Rick Dees, fair at times. XETRA off so not them. KGGF or KKUA? This program not listed in current Almanac. (RW-CA)
930 11/14 0330 unID TT's looping east. Possibly KFLG? (TRH-CA)

Remember the Monday deadlines for WDXR in December.  $\heartsuit$ 



### Western DX Forum

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

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

### 1986 DEADLINES - WEEKLY ON TUESDAY 11 DAYS PRIOR TO PUBLICATION DATE

Bruce Portzer, 6546 19th Avenue NE, Seattle, WA 98115

Greetings! I hope everyone is enjoying their holiday season. The recent reports of WBZE-1030 asking listeners to tune to WBZ remind me of KXA-770's s/off in the early 70's. KXA (now KRPM) was a daytimer with a classical mx format at the time. When they signed off, they asked listeners to tune to KCRL-780 until morning. It seems KCRL (now KROW) was also classical, so the invitation made a lot of sense. I'm not sure if KCRL actually paid for the ads, but it encouraged listeners not to change their dial setting. Maybe WBZE has the same idea in mind. Interestingly, both stations are now c/w.

Frank Merrill's Alaskan DX in this issue is really impressive. Especially since it was done in August. I'm glad I don't live someplace like that -- I'd never get anything else done, hi.

See you all next week. 73.

### Contras to Start New Radio Station Move Is Called a Key Element

By Stephen Engelberg Special to the New York Times

The Nicaraguan rebels are planning to operate a clandestine radio station that would be as powerful as any AM-band station in the United States, according to Administration officials.

"There isn't any way for the people of Nicaragua to find out what's going on in Nicaragua," said Elliott Abrams, the Assistant Secretary of State for Inter-American Affairs. "The control of the means of communication is crucial. The Sandinistas now have total control, and the resistance wants to break that."

The contras previously have made broadcasts from shortwave transmitters. The new AM station, one Administration official said, would use a 50,000-watt transmitter and would be operating within about two months.

A Washington-based spokesman for the rebels,

Ernesto Palazio, said the new station, tentatively called Radio Liberacion, would present "the political message of the democratic resistance" while trying to build a reputation for accurate news reporting.

reporting.

"If we take a wishful-thinking attitude or begin misleading the Nicaraguan people, that will surely backfire," he said. "Our objective is to be extremely realistic."

An Administration official said the rebels would the to substantially improve the quality of their programming from their previous broadcasts. He said indications from Nicaragua were that the shortwave broadcasts were widely regarded as "a joke."

Mr. Palazio said the new effort, and other aspects of the rebels' communications policy, were being overseen by Pedro Joaquin Chamorro. former editor of the Managua newspaper La Prensa.

### EASTERN DX FORUM

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

Deadlines: Fridays (except 12/12) This column typed: 11/23/86.

Mike Brooker, 245 Old Forest Hill Road, Toronto, Ontario M6C 2H5 For the past year or so I have been receiving a most unusual catalogue from CRB Research of Commack, New York. It has the usual short wave and DX-related stuff and even White's and Vane Jones Longs. It also has everything for the budding CIA agent: The Big Brother Game ("a consumer guide to bugging, wiretapping, tailing and black-bag jobs"), Covert Techniques for Intercepting Communications by Winston Smith (of "1984" fame?), Covert Intelligence: Electronic Eavesdropping Manual ("Official government manual on hidden transmitters and telephone taps for intelligence gathering"), Bugs and Electronic Surveillance, CTA Improvised Sabotage Devices (i.e., how to make a Molotov cocktail out of a beer can), The Complete Spy, CTA Flaps and Seals Manual (how to open and read mail) and for the budding Eugene Hasenfuss DXer, Clandestine Operators Manual for Central America by the CTA, a bargain for \$8.95. Vietnam war Buffs can get a 60 minute cassette of Vietnam war combat radio commujications recorded live during If you're looking for a spot to set up a pirate station, an exotic DXpedition site, want to start your own country, need a secret hideout, or are looking for a remote staging area for a clandestine operation, they offer a directory of uninhabited and deserted islands. I have no idea how I got on this mailing list. If your DXing needs go beyond the WRTH and NRC/Vane Jones/White's log you can get a catalogue by writing to CRB Research, Box 56, Commack, New York 11725. Sick of stations that don't QSL? For \$15.95 they have <u>GET EVEN: The Complete Book of Dirty Tricks</u>, "the last word in do it yourself justice". The Blue Jays Telemedia network (CJCL flagship) carried all playoff and World Series games. When baseball conflicted with hockey, the Leafs games were on CKO-99.1. was the Leafs flagship for a couple seasons back around 1979. Has anyone in IRCA received this CRB Research catalgue or actually ordered anything I haven't bought any books form them.

Greetings. It's a boy! Our newest DX'er, Steven Thomas Jasinski, weighed in at 8 lbs 5 oz. on November 2nd at 0430. Baby, Mother and the rest of the family are doing just fine. To help out Mom, I will be home with a two week vacation. This will give me an opportunity for some early hour DX while I am up taking care of the baby. In reference to my reception of KPRM-870, Park Rapids, Minn. on 9/26, I called the station on 11/11 to check on my reception report and a followup. Talked with the owner, Mr. Ed Delehant. He said KPRM has been on the air on 870 for almost a year (came on the air during the winter of 1985). They are ND days and beam north at nite. Current schedule is from 0600 to 2200. Mr. Delehant says they don't have time to answer reception reports!!! (Ask him to just scribble a note on your letter and return it!--rce) Noted their request for 10kw days in broadcasting information in 11/1 DX Monitor. So look for this one around sunset, unless you live in Finland. WKKD-1580 has been noted weak at nite. They just can't compete with CBJ though. WLPO-1220 LaSalle, Ill is asking for 500 watts at nite. If granted they may block 1220 in my area. Recent veries: KSJB-800 glossy QSL card, KNLV-1060 pppc on follow up, CIWW-1310 VL, and CHNR-1600 VL and bumper sticker. KSRA-960 DX test was very weak. No chance on KLCY-930 due to the new WEGY on the same loop bearing only 16 miles away. 73's.

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

CFGM-1320 from Richmond Hill is moving to Beamsville, just outside of St. Catharines and will be moving their 50,000 watts as well to a new frequency - 640 kHz. This will knock out a lot of DX in the northeast but will open up 1320 for awhile at least. To Robert Wien, thanks for the info on the 1110 station I was having trouble with. It is indeed WHIM as you mentioned. Appreciate that. WBZ provides a phone number for those in the Boston area to know more about AM Stereo. They give the number as:

AM Stereo. Soon you will not need to be a DX er to pull in international radio stations from the other side of the globe. If the US & USSR has their way, the Soviet Union will stop jamming VOA, RL & RFE providing the United States gives them the right to set up a high powered radio station. Continued at bottom of p10

### **DX Worldwide - West**



PAT MARTIN P.O. BOX 843 SERSIDE. OR 97138

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

DEADLINES: 12/2, 12/9, 12/16, 12/22.

DX this week continues to be slow (as usual). I did hear an UNID Polynesian music on 585 KHZ one night, but later was covered by USSR. It may have been American Samoa testing (KBQN-50KW). I will keep checking. From The New Zealand DX Times: 2ZM-1161-Wellington is now on FM only. 2YC has also gone to FM and in the near future 3YC will also make the move, but they do have a two-year stay of execution. As Harry Weatherley mentioned a couple issues back 7ZL-603 is moving to 585 KHZ. That may make a mess of 585 in the South Pacific with KBQN! Now on to a few tips:

### TRANS-PACIFIC DX ROUNDUP

550	HAWAII, Wailuku-KMVI-vy good o/KOAC (like the old days) with Popmusic at 0645 ll/26. Best heard in a long time. Later was local-
	like 60DB+ (PM-OR)
570	HAWAII, Lihue-KIPO-fair u/o KVI with rr mx, weather forecast at 0730 11/26. (PM-OR)
590	HAWAII, Honolulu-KSSK, w/ spot for Ala Moana Shopping Center
,,,	and K-59 ID at 0655 11/26, in mess. (PM-OR)
620	HAWAII, Hilo-KIPA-mixing w/KGW with Talk Net with Bruce Williams
	at 0654 11/26. (PM-OR)
639	FIJI, Lautoka-Radio Fiji l with man in Fijian,holding its own
	next to KFI(In talk) at 0653 11/26. (PM-OR)
650	HAWAII, Honolulu-KORL-promo for Marine-Surf update daily on KORL,
	all alone w/no sign of anything else. Best heard in quite a while,
470	at times almost local-like (like the old days) at 0652 11/26 (PM-OR)
670	HAWAII, Hilo-KPUA, fair w/some KBOI QRM, pop tunes in mess at 0657
684	FIJI, Labassa-Radio Fiji l heard // 639 w/man in Fijian at 0653
004	11/26 (PM-OR)
690	HAWAII, Honolulu-KKUA-fair u/XETRA w/rr mx tc at 0709 11/26 (PM-OR)
720	HAWAII, Eleele-KUAI, fair u/KDWN w/tele-talk show, ancr sounded
	HawaiIan at 0647 11/26 (PM-OR)
738	TAHITI, Papeete-RFO weak in KCBS slop, Island music, woman ancr
	in (presumed) Tahitian) at 0634 11/26 (PM-OR)
774	FIJI, Suva-vy weak in noise and Island music at 0640 11/26 (PM-OR)
810	FIJI, Labassa-Radio Fiji 2 hrd // 774 in passing u/KGO 0641 11/26 (PM)
830	HAWAII, Honolulu-KIKI-vy good next to local-KSWB-840 blasting away
	w/vy slight interference, ID at 0700, into 1900 Yesterday by Liz Damon and the Orient Express (#1 hit in 1970 in Hawaii, didn't do
	much on the mainland) 11/26. (PM-OR)
850	HAWAII, Hilo-KHLO-vy good with rr mx and KHLO TCs at 0707 11/26 (PM)
870	HAWAII, Honolulu-KAIM-presumed w/rel pgm in passing at 0712 11/26 (PM)
891	FIJI, Lautoka-Radio Fiji 2 good w/Radio Australia nx in passing at
0.1	0701 11/26 (PM-OR)
900	HAWAII, Kahului-KNUI, good in passing w/rr mx at 0715 11/26 (PM-OR)

THATS IT THIS TIME AROUND. GOOD DX, Used: SP-600 JX/ 200' NE/SW Wire.

operating on the standard AM band based in the United States. Will be interesting to see what frequency and location they agree on. On Nov. 2nd while listening to Ron Robin over WBZ-1030, I was treated to a dual broadcast as Julian Cowley of Piccadilly Radio from Manchester, England was also on the air live via phone link. Interesting hearing ads and promos during the evening from England. Views in broadcasting and even a few comments about governments were expressed by both DJs.

Here's a DX WORLDWIDE-WEST EXTRA!!! I received this long report from Frank Merrill-Macomb, Illinois on his trip to Alaska. There is alot of interesting information that brings back memories of when I lived up there in the 60s.

TOTAL BANDSCAN

FAIRBANKS-NENANA, ALASKA

AUGUST 86

Equipment used: KENWOOD R-1000, hooked up to spare car battery.

Antennas: Mile 339-450 foot longwire SE/NW, site soon abandoned.

Mile 326-900 foot longwire hidden beside highway, NE/SW, used extensively for Southern hemisphere loggings, as well as most arctic and Eastern Canadians.

Mile 326-500 foot longwire, NE/SE, running across somebodys property, used for nearly all domestic loggings, and also worked better for Asians though the 900 footer worked OK for those too.

Mile 326-450 foot longwire, E-W, soon abandoned and respooled because it had to lie across the highway (risky) and its results were very similar to the 500-foot wire.

I got away with leaving the 900 and 500 foot wires to just lie there for almost three weeks and nobody ever broke them or discover and stole the wires. These three wires were on a mountaintop site on the George Parks highway, somewhat closer to Nenana than to

Fairbanks. Mile 339 was 13 miles closer to Fairbanks and the additional splatter from locals prompted the 326 Mile site.

### LEGEND AND NOTES

NUMBERS 1 THROUGH 4 precede the call letters, and group them according to how often they were heard at night:

1. Station was a full-fledged PEST which was almost always there when reception from its area (or part of the World) opened up...and.. the station showed up every night. Dominant on its frequency. Note that any Asians shown in this category were not in every night, because there were some nights of no Asian reception at all.

2. Station appeared almost every night and maybe would dominate or mix in occasionally. There was at least one night or two, when the station never did show up.

3. Station not noted every night but maybe a small majority of nights, but was an occasional visitor noted at least three different sessions.

4. Station was rare, only heard once or twice.

NUMBERS 5 THROUGH 7 tell how I logged the station if by less than a positive  $\overline{\text{ID}}$ , firm "networking" with other known stations, or obvious local/regional content, Number appears after the call letters in parentheses.

5. ID ed by Time Check. These are English Speaking stations only and if there was a time check six hours off Alaskan time and there was only one Eastern Austraian on the frequency and nothing else in that time zone, I counted it. Almost all stations initially looged that way were later logged by call letters or other such positive IDs and very few time check IDs remained.

6. ID'ed by language (only if Japanese, Russian, or French) Music sytle (regional musics such as South Seas style) common sense, propagation patterns and so on...this was used only when I felt there was no other way to ID the stations and was usually used on stations that were somewhat common.

stations and was usually used on stations that were somewhat common. 7. Nothing else was possible! With #RPH and RPH, each frequency had two

7. Nothing else was possible! With #RPH and 7RPH, each frequency had two stations and the 2RPH-4RPH signals were IDed. The Taiwans, after Networking 800/850/900 had faded in almost an hour after the last vestiges of Lower North America had faded, were not in English, and nothing else shows up on these frequencies that makes any sense.

\*/\*\*/\*\*\* denote Number of Unid Asians noted on the morning of August 18th!!

### FAIRBANKS-NENANA BANDSCAN follows:

```
529 1. ??? AK (Weather Station)
              4. JO (syn)
                                     UNID: Another Aussie)
531 3. 2MC
                   4. JO (syn)
                                     UNID: 7SD? once)
540 3. 4QL, 2BK 4. JO (syn) UNID: 7SD? once)
549 4. 2CR (Het noted most nights against KENI-550,but rarely audio
                2. KMVI 4. KFYR
3. JOCR(6) UNID F
                                           UNID (Surely KOAC)
550 1. KENI
                                 UNID Possible 6WA once
558*2. FIJI
                 3. KMON, CKNL
3. 4JK, JOIK
560 2. KSF0
567*1. 2YA
570 2. KIPO, <u>CFWH</u> 3. KVI
576 2. 2FC 3. USSR(6) JOHG
                                      (UNID with C&W-KLAC?)
580 2. <u>KRSA</u>, KFXD, KMJ
                             3. CKY, KCMX
585*3. JOPG
590 1. KHAR
                2. KSSK
3. 3WV
                          (UNID frequent stuff under these)
594 1. JOAK
600 1. CJOR (weak) 3. CFQC 4. KTRB (UNID SS twice) 603*3. 72L 4. JO (syn)
                               4. CKRW, KOJM
610 1. KFRC
                2. CKYL
        (UNID 8/18 Vietnam?? SAH against CKRW after all NA skywave gone)
               4QR 3. JOLK KIPA, KGW, CJCI
612*2. KUAM
620 2. <u>KGTL</u>,
621 3. <del>3</del>AR
                                             4. CKCK
               4. JÓ (syn)
630*1. 4QN
                            ZKIZC (5,6-sometimes bilingual) KIDO, CHED
               2. KJNO
    4. CKRC, 2YZ, KCIS
*2. FIJI 3. 5CK 4. JOPB
1. KFI 3. KYUK is now here
639*2. FIJI
                                             (UNID: Another EE)
640 l. KFI
648 4. WVUV (tough because of KYAK)
650 1. <u>KYAK</u>
657 3. <u>ZYC</u>, 2BY
                 KORL
                                4. CISL
660 1. KFAR(local)
666 4. JOBK
                            4. CFFR, KTNN
                             4. KDLG (KFAR prevents possible Daytime reception)
670 2. KBOI, KPUA
675*3. 2CO
                            4. JO (syn)
                3YA
                  3. CHFA
                                 4. CJOB, KBRW
                                                     (UNID, possible CFTR
680 1. KNBR
684 3. 2KP
                    2. FIJI
690 1. XETRA
693*1. JOAB
                                      3. CBU
                                                   4. CBKF
                      KKUA
                      4. 4KQ
700 1. <u>KBYR</u>
702 3. <u>ZBL</u>
                      4. WLW
                                      (UNID: Beautiful mx, KFAM?)
                  4. 30 (syn)
710 1. KIRO
                      (UNID SS, domestic?)
711**2. 40W, 7NT (but are hard to ID separately)
                    2. KUAI 3. 4YZ, USSR
                                                           4. KOTZ, WGN
720***1. KDWN
        (UNID: Two Aussies once, overlooked tuning in 1\overline{200-1215} to see which
         states news they would run, one had ABC-I programming but no guarentee
         that it was 6WF because I noticed networking to sometimes be inter-
        changed)
729***3. 5CL, JOCK
                         4. CKAC (6)
2. 2NR
730
       1. CKLĠ
                                                   UNID SS, maybe XEX)
       1. TAHITI(6)
738
       1. KCBS
                  4. CBX, CBL
740
747*
       3. JOIB
                     4. 4QS, 3ZA
                                4. WSB
       1. <u>KFQD</u> 3. KXL
3. <u>IYA</u>, 4QA, JOGK
                   3. KXL
                                           (UNID: CJWW surely)
750
756*
       1. KGU
                                 4. WJR
                                             (UNID: CKQR?)
760
                  KEMB
                                   (SOUNDED LIKE EE Under)
765** 3. 2BE
                    2. KOB 4. WABC
2. 3LO, 4TO, FIJI
770
       1. CHQR
1. JOUB
                                               (Also KCHU never heard)
774
780
       1. KRJW
                    4. KNOM, WBBM
                 (Weak KCBF shows up here) (UNID: Another EE)
CFCW 2. KJRB 3. KKON 4. KABC
       3. 2YB
783*
790
       1. KCAM, CFCW
                   4. JO (syn)
4. XEROK, BEC50, CHAB
792*
       2. 4QG
        1. KINY
800
                        UNID: Easy listening once
        3. KTWG
801
       1. KGO 3. FIJI 4. 2BA, 1YA (UNID: surely CKJS)
3. 1YZ, 2CL (this combo noted all 3 nights that KCBF was off)
810
819
820
       1. KCBF
3. 3GI,
                 (local)
                            4. KQIN, CHAM
                        (freq. tough because of KCBF splatter, strongest local)
828
                 JOBB
830

    KABN (barely in days, due to KCBF)
    KIKI (UNID: WCCO)

        3. 4RK, JOQK
837*
                         4. 1YK/1YX (syn)
                      4. KSDP, WHAS
6) 3. 2CY
840
       3. KSWD
2. KIRIBATI(6) 3. 20
""" CFVR 3. KHLO
        KSWB
                                        4. JO (syn) 2ZD
846*
                                     4. BE...(taiwan) CKRD (also KICY was never
 850
```

heard at night.)

```
855*
         3. 4QB/4Q0

    KTRB 4. CBKF(6) CHAK(networking)

860

    CFPR

                          (Another UNID EE, 4GR?)
864*
         2. 4ZA
                          3. <u>KSKO</u>, KIEV

4. 2ZE

KIXI 3. KMFR
         1. KAIM
870
         2. JOGB, 2GB
873*
                                              4. WCBS, KKMC, KRVN

    CHQT

    KIXI

880
         3. 1YC, JOPK
                                 (UNID Aussie, Eastern time 4BH?)
882*

    AFRN-Anchorage/AFRN syn 3. KDXU 4. WLS

890
                     з. ўонк
                                   4. 5AN
891*
         2. FIJI
         1. CJVI
                                   3. 7AD(!)
                                                 CKBI 4. 4YC, BED96, CPBS1, 2LM
900**
                     2. KNUI
         3. JOCB
909*
910
         1. KIYU
                                            (UNID Clas. prob. KKSN)
                        KNEW, CKDQ
         4. 3YZ (Aurora proof, KSRM made this freq. tough)

1. KSRM 4. CB.. LPRT syn (KSRM off once, CFRY, UNID SS, poss. KLOC

4. 2ZA, FIJI, JO (syn)
918*
920
927*
                      3. KRTH
                                     4. KTKN, KSEI
         1. CJCA
930
                      4. KSAI Saipan
936*
          3. 7ZR
                                 4. CJGX, UNID, poss. CBM once)
) 4. 2ZG, JO (syn)
3. XEGM 4CFAM
                   2. KDE0
940

    KFRE

945*
          3. SOLOMON ISLANDS(6)
                       2. KRXA
3. 2UE
950

    KJR

954
         1. JOKR(6) 3. 2UE
1. KABL 2. CFAC
4. 4WK, 3YC, JO (syn)
960
                                    4. AFRN KODIAK, KLAD
963*
                               4. KYTE, AFRN King Salmon (common if KIAK off)
970
         1. KIAK(local)
                                    UNID almost certain if KIAK off, KOOK?
                                    UNID: EE fighting them, 5DN?
972
         4. 2MW
                                      3. KFWB (UNID C&W CKRM? or KKEN?)
         1. KKEN
980
                        CKNW
                             (UNID EE fighting, NOT 1YE)
          4. 2NM
981
                                            4. ČÉW, JORK
990*
         1. KHVH
                         3. KKIS, 4R0
                         4. JO (syn)
3. KTOK
999*
          2. 2NB
                                       4. BED62(7)
1000

    KOMO

1008*** 1. 1ZD
                         2. 410
                                     3. JONR
                                                 (UNID 7EX?Also a common Asian
                                                   here nightly)
         1. KIQI (weak) 3. CBR
1. A3Z(Tonga)(6) 2.2KY
                                          (UNID Another 5S KXEG?)
1010
                                        3. JOLB
1017*
1020
          KTNQ, KBCQ
                                (UNID: 3DB?)
1026**
                    3. 4MK
          2. 1ZN
          1. KTWO 4. KCTA, KHWY, WBZ
2. SOLOMON ISLANDS(6) 2ZB 4. JO (Syn), CPBS1 //900 (6)
1030
1035**
          1. KLHT
                       4. WHO
4. 5PI, 4WP (UNID Prob.
3. XEG 4. BEC49(7), XED
1040
                                        (UNID Prob. 2UH?)
1044**
          2. 4ZB
          1. CFGP
1050
         2. JOAR 3. 2ZP (UNID several stations in Jammer)
1053*
          1. KPAY
                        2. CFCN
                                     4. KRSP
1060
1062*
          4. 4TI
4. JOFK, 4SB (No sign of 3CV)
1070**
                     3. 1ZB 4. KWJJ, KRLD, 7HT (UNID. CKSA with rr)
1080*
          2. KASH
1089*
          2. 3WM
                      4. JOHB, 2GZ
                                    4. KAAY, CHEC (UNID JJ station)
          1. XEPRS
                       2. KIŃG
1090
1098*
          3. 3ZB, FIJI 4. 4LG
                       4. BED97(7)
                                         (UNID likely KIIO)
1100

    KFAX

1107**
          2. 2UW
                        (UNID JJ)
          2. KHEI
1110
                        4. KFAB, KRLA
1116**
          2. 4BC
                        4. 2YX
          1. KPNW
1120
                        4. KMOX
1125*** 3. JO (syn)
1130 1. CKWX
          1. JOOR(6) 3.2AD (UNID Possible 3CS)
1. KCSY, KRAK 2. CKXL 4. CJTR (6//1280) UNID KGEM?)
1134*
1140
          3. 4HI, 2HD, JOBR(6) 4. 1YW
1143*
1150
          2. CKIQ
                        3. KGNW
3. JO (Syn)
                                      4. CKX, KSAL, KPLS
                                         4. 2WG
1152**
          2. 3ZC
          1. KSL
1160
          3. 5PA, 4MB 4. JO (syn) 2ZM
1. KJNP(local) KLOK 2. 2CH 3. HLSR(6) KOHO, CKGY, KPUG 4.KVOO 1ZW
2. 3KZ 3. JOOR(6)
2. KOFI, KERI (UNID WHAM?)
1161**
1170**
1179*
1180
1188*
          3. 2NZ, JOKP
                      3. CFSL
                                   (UNID CHTN? 8/19 KPZE?)
1190
          1. KEX
1197*
          2. 4GG
                     4. 2ZW
1200
          1. CKDA
                       3. WOAI
                      4. FIJI
1206*** 2. 2GF
                                  (UNID another EE 4X0, 2CC?)
1210
          3. KZ00
                        4. CKWA, WCAU, KLDI, KGYN
1215**
          2. 1ZW
          2. CJOC 3. XEB, CJRB
2. 2WS, JOJK 4. 4XF
1. KVAK 3. KPRL 4.
                                     4. CKCW, KDFC
1220
1224*
1230
                               4. KVOC (UNID many others)
                                                                                          13
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3. 2NC
                                  (UNID: JJ)
1233*
                       4. CKMK, KSMA, KELK, CFNI, KJOP, KWIK, CJCD
             2. KNRY
1240
             2. JOLF(6) 1XX
1242*
                         2. KKFX 3. KTMS 4. CHSM (UNID: See notes)
4. 2DU (They call it "to Do") USSR(6) W. SAMOA (5,6)
1250
             1. KBBI
1251**
             2. 1ZM
                              2. 3SR 3. JOIR(6) 4. 3XA
UNID JJ Common here
             1. KOIT, CFRN
1260*
1269**
             3. 2SM
                        4.2ZT
             1. KIAM(local s/off early) 2. KNDI, CHAT 3.CHWK, KPLY 4. KTFI, KCOK
1270
                            3.2ZC 3AW
1278**
             2. JOFR(6)
            2. CHRB, KQAK, KJOY 4. CJSL, CJMS(6 //1140) (UNID KBRQ susp.KDYL?)
2. JOHR(6) 3. 3ZW 4. 2TM
1. KHSL 3. KMJK 4. CHRM(6) CFRW
4. JOTK, 1ZH (UNID. Certainly 4BK,common, couldn't ID)
1. KRKO (local) never noted off the air
1280
1287*
1290
1296
1300
             4. HLSV (hrd call letters given)
1305
                         3. KNOX, KLIX 4. CHLW, BEP32(7)

3. JOUF (6) 4. 2YW/IYT syn, 3BA

3. KBUG 4. KELO, KGNR (UNID. blasting KXYZ, no ID)

4. JOFP, 5AD, HL...(//1305)
1310
             1. KDIA
                        3. JOUF(6)
1314*
             2. 2WL
1320
             1. CHQM
1323*
             3. FIĴI
                        4. CJYM, KFH, KFAC
3. JOSF(6) 4. 3SH, 4BU
KMAK, 3. AFRN syn. CFYK, 4. KTOQ, KCAP, KORV, KRAM,KATY,
1330
             2. KUPL
1332*
             2. 1XI
             2. KATA,
1340
             BEC48(7) UNID. SS XEAA?)
                         4. JO (syn) 2ZN, 3GL
1341*
             2. 2NX
                                                                         4. WSMB
             1. KSRO, CKEG
                                2. CJDC, JOER(6) 3. 2LF, 1ZC
1350*
                                                                 (UNID SS KCOR or KABQ?)
1359**
             4. JO (syn)
             1. AFRN Greeley, 2. KUIK 3. KAMT 3. ZGN, JO (syn) 4. USSR (6 netwo
1360
                                 4. USSR (6 networking) 4LM
1368**
             1. KEEN, CFOK
                                4. KSOP (UNID oldies prob. KAST)
1370
             3. 3MP, 30 (syn)
1377**
             3. KRFE, KOTA, KSMJ, KLNI 4. KTOM (UNID. Prob. WAOK!BLack format
1380
                                                            dominated awhile 8/18, said
                                                            93 degrees later)
1386
             2. JO (syn)
                              5AA
             2. CJCÝ
                         .3. KYES
                                        4. KGER, KBLQ, KSLM
1390
1395*
             2. 4ZW
             2. KVIS, KBLS, AFRN (syn) 4. KUKI, KQMS, KLVR, CKRP, BEV78(7)
1400
                 (UNID: Possibly KILE and KUNO! Latter was SS 8/6)
                      4. JOQL(6 //1287) JOVR (6 and not // 1287)
1404**
             3. 2PK
                                    4. KFMS, KCOL, CIGO
             1. CFUN
                          3. KERN
1410
                         3. JOIF(6)
                                        4. 1Ž0
             2. 2KO
 1413*
                                              4. CJVR KUJ UNID SS Tijuana?
             1. KCCN
                          2. KITI, KSTN
 1420
             2. JORF(6) 3. 3XY
 1422*
             1. CJXX
                          2. KFIG
                                       3. KALI, KLO
                                                          4. CJCL
 1430
             3. 2WN
                                  (UNID JJ)
 1431*
                                3. KMED, KVON
                                                   4. CFCP, KPUR, KUHL
             1. JOWF
                       (6)
 1440
                         4. WSZD Micronesia, HLQB (//1305) JOQM (6 //1287) UNID: Surely had 2MC once or twice)
 1449*
              3. 2YM
                           2. KEST 4. KONE, CHET, KTIP, KFLS, KJUN, KVEN, KGRE, UNID "KWRW" see notes
 1450

    KLAM

                                       UNID JJ
 1458**
              3. 3YW
                         4. 5MU
                          3. KMWX 4. WACO, KTLC, BED95(7), CKRB(6)
3. JO (syn) 4. HLKN (//1305) 3MA
3. XERCN, KXOA, KBSN 4. WMBD, BEC47(7), KWSL, CKO
              1. KDON
 1460
 1467**
              2. FIJI
              2. CJVB
 1470
 1475
              3. SABAH (7)
                      3. 4ZR, USSR(6) (Mess here with jammers, etc)
              1. 1XA
 1476**
              1. KRED, KAAR(nice that both s/off) 2. KYOS, CKER, 4. KGCX WTDY
 1480
                  (UNID C&W with EDT to!! Also an SS)
              (UNID 33 here every night)
 1485 **
              1. AFRN Eielson AFB (semi-local) 2. KWAC 4. KTOB KRKC KOWL
 1490
                         4. 1ZA, WSZA Yap Island (6)
              3. 2AY
 1494*
                          2. KUMU
                                     4. CKAY, KSTP
              1. KHTT
 1500
              3. 2BS, JOUK, 3AK
                                      4. 2XG
 1503*
                           (UNID; CJRS probable 8/19, no talk)
 1510
              1. KGA
                          3. JO (syn)
 1512*
              2. 2NA
                                             4. 1ZU
                         (see notes) 4. JO (syn) 2QN
2. 2YP 3. 2VM 4. CISV UNID SS, JJ common also
JO (syn)
              1. KSGO
 1520
 1521*
              1. CHINA? (see notes)
              1. KFBK
 1530**
 1539*
              4. 2ZE
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2. KLSY, KSKQ 3. KISA
                                           4. KXEL
1540
1548*
          1. 4QD
1550
          1. KKHI
                          3. KOWB, KXEX, KVAN
          UNID: Surely Cayman Islands, Open carrier 2 or 3 times
1555
          3. 2RE
                                          UNID. occ JJ
1557**
                         4. 2ZH
                                          4. WQXR (6)
1560

    KPMC

                          3. ККАА
                              UNID: a certain 3NE always eluded me
1566
          1. KLAZ(6)
                                4. CKTA
1570
          2. CHUB, XERF
1575**
          2. 200

    KDAY(weak)

                                4. KNIX, XEDM(6)
1580
          3. JO (syn)
1584***
                                4. 4VL translator!!
                          2. KJET 4. KOGO, KEND
1590

    KLIV

                         2. JO (syn) 4. 5MV(5) Aussie hour pips hrd
4. KRXY, KBBX, KCRG (UNID: oldies, Prob. KWOW
1593**
          1. 1XP
1600

    KEED

    30 (syn) EE briefly UNID maybe WSZC Truk?
    TIS at Denali National Park, Ak. 4. Anguilla (5)

1602*
1610
          4. OR New Zealand Beacon
1616
                       3. 7RPH(7) with 4RPH on top
           2. 4RPH
1620
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### 3. 3RPH(7) with 2RPH on top NOTES ABOUT LOGGINGS, ETC.

1629

2. 2RPH

AUSSIES-The only time I could reliably ID these was between 1210 and 711 1215, when each state's ABC stations run a short statewide newscast.

That is when I heard a Queensland one night, Tasmania another night. 50-900  $\,$  TAIWAN All // with sporting event of some kind. Long after North American sywave had faded out and not in EE, nothing else is 800-850-900 sensible.

2ZD was noted only once during exceptional NZ skip in spite of 846

relatively clear channel. Apparently doesn't get out all that well. CBKF and the 690 presumed to be the FF's on the same morning that CKCK 860 620 blasted in, nothing else noted East of Wimipeg. CHAK was logged with the CBC FM Stereo program "Brave New Waves"(which I enjoy listening to here in Macomb with a satellite dish on the 900'

wire and disconnecting it and putting the 500' in place immediately changed it to CFPR who had a 40's music program. Was too late for CBH.

KASH I don't think they ever signed off, but they were more subject 1080 to fading than any other Alaskan Powerhouse over 1 KW.

KDFC My only U.S. Daytimer heard at SRS. This was on 8/24 maybe using 1220 night authorization (170 watts?) Maybe it was SRS already in Palo Alto.

UNIDS Starting here, there was many spots where I could say "numerous" UNID stations, but I will just state that here. It would be too redundant 1230

to do it any other way. UNID There was a strong open carrier nated often here at night, sometimes even before Midnight Alaska Time--perhaps a Canadian or Californian? KIFW was the only normal on the air Alaskan that I never heard. In an ironic twist, I accidently tuned to their s/off later in Northern B.C. NIGHTWATCH All Night contemporary music show noted on 1230-1240-1340-1400-1450 one night! Many British Columbia mentions and apparently delivered by satellite, never any mentions of call letters or main studios even on top of hour.

UNID station noted here 8/19 running all night Jazz and Easy Listening 1250 music, noted only while CIGO/CKCW/CHRM were coming in, never breaking for announcements. Maybe CBGA? Couldn't even firm it up to anything like CBF or CJBC because nothing like it was coming in.

CKCV? Somebody was // CHRM-1290 on 8/9. My CJMS logging is based on hearing its // on 1140..I have a recent Survey Chart that lists both CJMS 1280 and CJTR on it, but the chart is not recent enough to have CHRM on it, so I don't know if it's CJMS or CKCV that's in CHRM's network overnight.

On 8/11 at 0800 it sounded like "It's the top of the hour at KWRW 1450 MM-1450, Blueprint" Station coming in quite clearly with MYL format. Good central U.S. conditions this morning. Beaumont call change?
WSZA, No ID heard, but who else would go from normal EE United Nations program straight into Native language? No hourly ID, unless in Native.

1494

CHINA? I have their IS and extensive top of hour announcements on tape 1521 totally flawless at armchair copy--I cannot understand one word! 4VL TRANSLATOR At 200 watts (I have their jingle on top) this is my

1584 weakest DX logging and my lowest watts-per mile ever...

### SUMMARY OF MOST CONSISTENT STATIONS, ETC.

MOST COMMON SYWAVE OUTSIDE ALASKA: Northern California hands down!! STRONGEST SIGNAL (LOCAL): KCBF-820 STRONGEST STATION PERIOD: KYAK-650, sometimes 15-20 DB stronger that KCBF!! STRONGEST CANADIAN: CKDA-1200 (I'm glad it is off 1220,where it would have been more harmfull.

STRONGEST FROM THE LOWER 48: KFAX-1100 or KFBK-1530...these two were often the first to fade in and the last to fade out at SRS as well. STRONGEST REGIONAL OUTSIDE OF ALASKA: KHSL-1290 or KDIA-1310, real powerhouses STRONGEST JAPAN: 774, 693, or 1134 STRONGEST NEW ZEALAND and AUSTRALIA: 4GG-1197, 2WL-1314 or 4I0-1008 MOST COMMON STATION EAST OF MOUNTAIN TIME ZONE: KQWB-1550 WEAKEST DOMESTIC FREQUENCY: 840 with 1210 next in line. MOST COMMON GRAVEYARDER NOT FROM ALASKA: KNRY-1240 MOST AMAZING COMSISTANT STATION: 7AD-900, 2KW from Tasmania, noted or suspected all of the four MM's that I DXed with KNUI off.

### WORDS ABOUT NETWORKING

Fortunately Japan, Australia, New Zealand, and Fiji all have extensive networks of programmes in //. Once I would know one station, finding //s made it easy to log other stations. Sometimes the // programming made it possible to ID stations that would have otherwise been impossibly far down in the mud, like from 1200-1300 when Japans NHK-1 Network sometimes plays Hindustani-type music that "can cut through ANYTHING you want it to." The "Z" stations of New Zealand (Except the ZM's) had very long teletalk shows in // interspersed with some adult contemporary music with the ads seeming to be regionalized, while the "Y" stations (except sometimes the YCs) ran mostly musical shows ranging from soft music to pre-war country and western music. Australia's ABC has all three networks, but that sometimes got confusing because some stations will break away with regional stuff (like 40N-630), and sometimes I would note a particular transmitter with ABC-1, but an hour later the same transmitter would have ABC-2 or ABC-3 instead. This networking of ABC stations still works fine, though, when a frequency has only one ABC listed. Without these networks I surely wouldn't have heard over 100 Aussies!! DISCRIPTIONS OF THE MOST INTERESTING DATES, IN MY OWN SUBJECTIVE ORDER:

### August 6 (0700-1100): AWESOME signals from central U.S. stations, and

- KVOC-1230 dominated for  $2\frac{1}{2}$  hours while KGRE-1450 and KCAP-1340 were in and out. Sixteen domestics heard that day that were not heard on any other date, more nonduplications taking place today than any other date. I think that this criterion is probably the best way to separate the truely great DX sessions from the others, and it works everywhere-not just in Alaska. Most of my east of Rockies regionals came today, just as WACO, WMBD, etc. The normal California "pests" didn't show up until about 1100, about 3 hours later than any other date. After 1100, conditions to NZ/AUSTRALIA were quite good. This is also the date of an awesome but non-ID KXYZ-1320, and a suspect KUNO-1400 in 55.
- 2. August 3, all morning: Actually these were the second worst reception conditions of any session during the entire period, but there were many things there weaker than usual, and the number of DUs (though very weak) actually was more than on normal days. With 66 new stations logged after Midnight, this was the most productive after midnight session of all. Today was also so very interesting because my only DU reception thus far in Alaska(and in the past 21 years) had been a handful of them on August 2 (the worst date of the period) and I wasn't used to the idea of lots of DUs yet. This was only my 2nd day at mile 326 DX Site.
- 3. August 18 (1200-1400): Asians dominated the entire dial, after an early fadeout of North Americans, with some frequencies at least 3 and 4 deep with Adians!! It was awesome to hear TP frequencies become graveyarders, especially the frequencies with 1 and 2 DUs also present.
- 4. August 19 (0900-0900) I feel that #3 and this gave me a taste of routine non-Auroral winter conditions in Alaska. The top of the arc from Fairbanks to the Maritimes feel into darkness for an hour or so, and CICO/CKCW/CHRM and the 1290 FF and the strange 1250 demolised their respective frequencies. These catches are similar to hearing TAs from Ohio. Of course this isn't the entire Winter story: Europeans are not possible from Fairbanks in mid-August because the entire region North of about 75 degrees North Latitude still has MSP sun! In the Winter most of the same area is in MSP Darkness, meaning one might even hear Europeans from Fairbanks at noon in early Winter!
- 5. August 8 (0700-0830): Good, but selective skip. This allowed me to ID quite a few Western U. S. Graveyarders without much problem. Probably half of my West Coast "4" category graveyarders came in during this 1-1! hour period. By 0830 the skip selectivity had waned, but the resulting pile-ups made the IDs hard.
- 6. ALL OTHER DATES: Starting 1136 August 2 and ending 0930 August 26(when I abandoned the DX Site, re-spooled the antennas and left Alaska Interior. Every session contributed some very interesting DX.

### CONCLUDING REMARKS:

Alaska still remains a DXERS PARADISE on MW. It took no time at all to nearly log 700 stations, doing so in only 21 DX sessions. in AUGUST!! Considering distances, Alaska DXing is constantly better than Monday Morning DX in the early 60s with good conditions. This observer has not had as much fun DXing since the halcyon days in the early and mid 60s. A DXER here would need to command a number of languages, because dates like 8/18 can make MW sound as cosmopolitan as the 31 Meter Band. I'm not sure if I had any Auroral reception or not, but I can envision the Aurora playing very strange tricks on MW reception, like "auroraing out many of the Western pests, but letting a nice pocket of stations in from lets say the Great Lakes region(even Graveyarders) sneak in by ducking under the Aurora on their way to Alaska. Was this what was happening on August 6th? I am very curious to see what people heard on this date, and I actually suspect that it was one of those dates of really horrible summer conditions in the Lower 48. Everybody should keep in mind that this was not done from the coast, but in the Interior of Alaska" more than 300 miles from the coast in any direction. It certainly makes me wonder what would be possible from the true coast of Alaska!!

(EDITORS NOTES) Really an excellent article. It makes me want to go back to Seward, Alaska (South Central coast). As many know, I started DXing from Seward, Alaska in 1962. Within 2 years I heard & confirmed all 50 states. Many Eastcoast stations were a regular (about everynight) WEMP-1250, WGR-550, WKRC-550, just to name a few. Yes, Europe is very possible from Alaska. You're right, around Noon (local time) in Seward, Alaska I logged Norway and a couple of Germans in December. A DXer in Palmer, Alaska in the 60s heard and verified about all of Europe and much of Africa. Palmer is only 50 miles North of Anchorage!! I agree Alaska is still a DXers Paradise. It may get to the point someday when the only true DX can be heard from places like Alaska, Hawaii, Guam, etc. It makes you think doesn't it.....

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The new members can fall into any of the following categories:

- You persuade a friend to join IRCA
  You give the person a gift membership
  You send us a list of people you know (or know of) who are interested in broadcast band DXing. We'll send them a sample and if they join, you get
- · You visit a local radio station, get names of persons who have sent them reception reports, and send us the list. We'll send them a sample DXM. If they join, you get the credit. Sending a list of names off of another club's membership list is a definite

no-no, however.

Other rules: This promotion will run until June 1, 1987. The persons must join before that date. (We may, however, extend the deadline depending on how things turn out)..... If a person joins as a trial member (10 issues) or something between that and a full year, it counts as half a person. Anything less than ten issues doesn't count.....If someone joins at your persuasion, be sure to let us know so we can give credit where it's due.....the new members must be person who have not been IRCA members for at least a year..... other rules may be announced in the future; if they are, they'll apply to

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### A COMPARISON OF FIVE RECEIVERS

SE TO THE BUTCHELL

by Glen Kippel

From the dawn of recorded history it has been customary for DXers to debate over which receiver is the "best". As I was servicing Gene Martin's HQ-180C some time ago, the thought occurred that it would be interesting to compare this highly-rated receiver with the SP-600-JX17 and R-388 already in the shack, as well as the RAX-1 and Superadio 7-2880B that were also on hand.

It must be understood that the HQ-180 was freshly aligned and apparently the tube lineup was also optimal, although completely stock. The SP-600 has been slightly modified, mostly through the substitution of high-gain pentodes for the original 6BA6 tubes in the two RF amplifiers and first IF. It also is kept aligned down to a gnat's eyelash. The R-388 has also been aligned well and the tubes seem to be OK.

The RAX-1 is the "dark horse" entry in our competition. It was part of a WW-II RDF system and it's surprisingly sensitive for its size; 21 countries have been heard on it. The G.E. Superadio was included as it is fairly well known and would make a good "yardstick" for comparison.

To compare BCB sensitivity, several weak stations were tuned in in the daytime hours, avoiding the fading which could make it difficult to compare signals. The antenna used was a single-turn loop oriented east-west, except for the Superadio which was using its built-in antenna. Selectivity was set at 1 kHz on the HQ-180, 1.3 kHz on the SP-600 and "2" on the R-388. The S-meter scales were totally different on the respective receivers (where applicable). The HQ-180 scale reads from SO to S9+40 dB; the SP-600's reads from -20 to ±100 dB from one microvolt; and on the R-388 the RF input meter has a 0-100 scale. Because of this, readability is indicated for comparison. The results are shown in Table 1.

The R-388 is shown here to be relatively insensitive, perhaps not coupling well to the loop's impedance. Its rated sensitivity is 7.5 microvolts on BCB; considerably less than the rated sensitivity of the Hammarlunds.

KTHO 590 was in the null of the large loop and since the Superadio used its own built-in ferrite loop, it may not have been nulling the signal well.

Since there were no TF's audible on BCB when selectivity tests were undertaken, a few TF's were tuned in on 90 meters, using a 50-foot wire antenna. The RAX-1 and Superadio were exempt from these tests due to their frequency coverage. The actual selectivity test is the ability to tune in RRI Kupang on 3259 (shown in WRTH to be 1 kW) adjacent to R. Madang on 3260. It was found that the heterodyne could be eliminated on the HQ-180 by using the sideband selector but the slot-filter was considerably easier to tune. The SP-600 has been shown in other situations to null 1-kHz heterodynes more easily on the low side, so perhaps some adjustment could be made to the crystal filter symmetry. The results of these tests are shown in Table 2.

To test skirt selectivity and AGC desensitization, KKFO 1470 was tuned in adjacent to KYOS 1480, which is about four miles away from the receivers. The effects of front-end overload were shown by disconnecting the 50-foot wire and using a 2-foot clip-lead for an antenna. The Superadio was rotated to null KYOS. The effects of the SP-600

modifications are shown here, in that they are designed to make the reciver suitable for small antennas in exurbia but probably wouldn't be of use in the middle of Los Angeles or some other large city. It was found that the best quality was on the HQ-180 with the selectivity on 3 kHz and the lower sideband selected.

Readability was estimated as follows: 25% = poor; 50% = fair; 75% = good; and if 100% of the words were readable it was considered excellent. Table 3 shows the results of this test.

It can be seen that the various receivers each have their good points. The HQ-180 is certainly very sensitive and selective; the SP-600 (as modified) looks to be the most sensitive; and where the R-388 is lacking in these, its SW sensitivity and accurate frequency readout make it useful for tuning SW parallels. It was interesting comparing these receivers and if anyone wants to lend a Frog, Nerd, R-390A, etc. for further comparisons that would be most entertaining.

			Table 1.	•	
	SP-600	HQ-180	R-388	RAX-1	7-2880B
590 KTHO	+60p fair	S6 traces	0 traces	traces	fair
700 KFAM	+60p faint	S6p traces	0 nothing	carrier	nothing
720 KDWN	+65 good	S7 poor	0 fair	fair	nothing
760 KFMB	-6 faint	BFO nothing	0 nothing	faint	nothing
770 KOB	-4 faint	S6 carrier	0 nothing	vy faint	nothing

Table 2.

		tante c.		
	SP-600	HQ-180	R-388	
3245 R. Gulf	0 poor-fr	S9p poor	+2p poor	
3259 RRI Kupang	+55p poor/het	S8p poor-fr	? het only	
3260 R. Madang	+60p poor-fr	S9p fair	10p poor	
3335 R. E. Sepik	+65p good	+10p good	20p good	
				The second secon
		Table 3.		
SP-600	HQ-180	R-388	RAX-1	7-2880B
clip fair—gd lead	good-exc	fair-exc	poor-fr	
50° poor- wire good	poor- good	inaud- fair	inaud- poor	good-exc

# THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)

tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a September and April, and monthly from May to August. "DX Monitor" contains of the IRCA, is published 34 times a year, weekly from October to March, twice in The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1630 kHz). "DX Monitor", the official publication members' loggings, articles on radio stations, receiver reviews, technical articles, DX member of ANARC, the Association of North American Radio Clubs.

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