

November 17, 2001 - Volume 39, Number 10 - Edition 1232 - ISSN 899-9733

Publisher's Note

Happy US Thanksgiving! We have a number of articles included in this issue, including one featuring DXWW-II editor Bruce Portzer. Be sure to read my forum in WDXF. -RT

2002 IRCA Convention Bids

Anyone interested in hosting the 2002 IRCA convention, please contact IRCA President Lee Freshwater, 414 SE 3rd St, Ocala FL 34471. E-mail: ENGWTRS@aol.com.

Editors Needed

The following columns need editors. If you would like to participate in YOUR club, contact Lee Freshwater at engwtrs@aol.com
 DX Worldwide - EAST Sports Information

DX Tests

Please remember, what's listed as being on, say, Monday *may* be what you think of as Sunday night! Even if you don't hear a test, be sure and drop a card, letter, or e-mail to the station personnel, thanking them for going to the trouble to run a test!

Sunday, December 2, 2001 - WPRI268 - 1620 am, Leominster, MA will conduct a DX test from Midnight - 1:00am Eastern Time. From its transmitting facilities in Lancaster, MA, you will hear test tones of varying frequency intermingled with Morse code ID's and an occasional Voice ID. QSL requests can be sent to WPRI268@aol.com or by USPS to:

WPRI268
 25 Blodgett Street
 Orange, MA 01364

P.S. QSL Cards for WPRI268's response need to be sent to that address, please!
 (Arranged by Blaine Thompson for the NRC.)

Monday, January 7, 2002 - KTNS-1090, Oakhurst, CA will conduct a DX test from 12:00-1:00am PST. KTNS ("Kittens AM 1090") will broadcast using a power of 1000 watts nondirectional. Tones and CW IDs identifying KTNS will be broadcast, along with their regular Music of Your Life (MOYL) format of adult favorites from Jones Satellite Audio. Reception reports (with return postage) may be sent to:

Larry Gamble
 General Manager, KTNS-AM
 P.O. Box 2020
 Oakhurst, CA 93644

E-Mail: mtkaat@sierratel.com
 WWW: <http://www.KTNSRadio.com>

(Arranged by Lynn Hollerman for the IRCA CPC.)

Also, if you hear a test, PLEASE, PLEASE let me know, via either e-mail or in rec.radio.shortwave! And if you send a reception report to a station, please remember to include return postage with your report...—Lynn Hollerman (ircamember@geocities.com)

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Web Sites for AM DX Stuff

Here's a site I stumbled on which calculates distance between two points. It's actually a part of a website called "Bali and Indonesia on the Net"; "How Far Is It?" allows you to make entries by using lat-long coordinates, or city names. It uses US Census data and the Xerox PARC map server. (PARC is the Palo Alto Research Center; the legend is that they invented the mouse, which was only considered a curiosity until Steve Jobs took a tour and realized the potential.) Find it at <http://www.indo.com/distance/>.

This one gets my vote for "Cool Site for DXers" just on the graphics. "Grey Line Map" gives the current date and time in GMT/UTC, and draws the areas of day and night on a composite photograph of the Earth in a projection that doesn't cause Greenland to be 10 times bigger than Brazil. The site notes that propagation along the grey line is efficient because of the quick disappearance of the D-layer. This is as close to having Geoclock or similar software on your desktop without actually installing it; the picture updates every five minutes. It's at <http://dx.qsl.net/propagation/greyline.html>.

Going up one level within the same website, there's propagation information available. WWV's current solar indices, Solar Wind data, Penticton University Solar Flux Index (SFI) number, the three-day SFI and A-index forecast, regional major solar flare activity, NOAA sunspot number, GOES-8 satellite X-ray flux, and snapshots of the northern and southern hemisphere auroral activity from NOAA, a static grey line map, a MUF (Maximum Useable Frequency) map and solar images. It's at <http://dx.qsl.net/propagation/>.

BROADCASTING INFORMATION

Editor: Lee J. Freshwater – 414 SE 3rd St. – Ocala, FL 34471
E-mail: ENGWTRS@aol.com

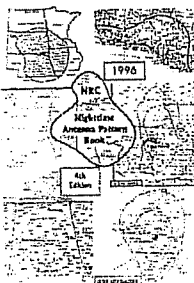
CALL CHANGES

	OLD CALL	NEW
1230	KWUN- MURRAY, UT	KJQS
1620	WHLY- SOUTH BEND, IN	WDND
1700	WAFN – MIAMI SPRINGS, FL	WJCC

FORMAT CHANGES

FREQ.	CALL – CITY	NEW INFO
1620	WHLY- SOUTH BEND, IN	WDND – SPORTS- ESPN
1660	WMIB- MARCO ISLAND, FL	AP NEWS

Not alot of action this week, as M street did not do their weekly update...More next time ... 73's and all the best.....fresh 11/04 0930



The NRC Nighttime Antenna Pattern Book, 5th Edition is the perfect mate to the NRC AM Log, as the NPB provides DX'ers with up-to-date maps of all (except Class IV) stations with nighttime operations. Convenient to use: 3-hole punched for standard binders. Still only \$16.95 to U. S. and Canadian NRC / IRCA members; \$22.95 to U. S. and Canadian non-members. Airmail to NRC / IRCA members in Europe (except Italy): \$29.00. All others, please contact us for exact pricing. Order from:

NRC Publications - Box 164 - Mannsville, NY 13661
(NY residents, please add sales tax)

WESTERN DX ROUNDUP

Editor: Nancy Johnson -265 Waterton Way- Billings, MT 59102-7755

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WDXR DEADLINES: Each Friday. Please use Eastern Time.

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- (JW) John Wilkins-Wheat Ridge, CO peakbagger@juno.com
Drake R-8, 4' box loop

- *****
- 580 KFXD ID, Nampa 11/6 0813 with "AM 580 KFXD" tag, then into song "Saginaw, Michigan." Amazingly all alone on the frequency. (JW-CO)
- 830 KPLS CA, Orange 11/4 0800 with legal ID and area news. Good signal, equal to WCCO. Must have forgotten to go to U2. (JW-CO)
- 860 KTRB CA, Modesto 11/7 0959 was strong with dual ID's for "The Valley's news radio, KMBH-FM...KTRB-AM." (LG-MT)
- 970 KIXL TX, Del Valle 11/7 0715 with "Morning Magazine" program, news, weather, ads, focused on Austin, and cute "Kickse!" slogans. Fair with XEJ. (JW-CO)
- 980 KRTX TX, Rosenberg 11/7 0823 noted with Tropical tunes, "Tropical 980" slogans. Gave phone number 281-238-4900. All in Spanish, of course. Fair over/under QRM. (JW-CO)
- 1060 KKVV NV, Las Vegas 11/1 2003 with call ID punching thru QRM and program note for "Healthy, Wealthy and Wise." New here, NV #20. Listed as a daytimer. (JW-CO)
- 1080 KVNI ID, Coeur d'Alene 11/8 0918 man with "Newstalk (missed it) Coeur d'Alene" ID. Fair under KSCO. (AB-CA)
- 1190 ?KVCU? CO, Boulder 11/5 believed the weak but dominant station at 1002. Odd music ended and woman seemed to say "Here in Boulder..." Then on 11/6 at 1000 after weird music, I think I heard a legal ID. (LG-MT)
- 1220 KLVZ CO, Denver dominated at 0800 on 11/7 with ID and man added "In God we trust." (LG-MT)
- KCCS OR, Salem 11/8 gave a commercial for the Men's Mission, then ID'd at 2300. Signal was weak. (LG-MT)
- 1230 KLWT MO, Lebanon 11/4 1900 with KC Chiefs football; legal ID at 1900 "You're listening to the Kansas City Chiefs on KLWT AM 1230 Lebanon," then back to the game. New here, MO #48. (JW-CO)
- KOTS NM, Deming 11/7 2032 with XE music, male announcer, call ID, then more ranchera tunes. Heard later at 2052 with ads in Spanish and English sports program note. (JW-CO)
- KZZR OR, Burns 11/8 0800 gave legal ID in the hash. (LG-MT)
- KMUZ OR, Gresham heard in Spanish at 0900 on 11/6. On the hour, man gave call in English and mentioned Vancouver, then slogan "La Zeta." (LG-MT)
- 1240 KTHE WY, Thermopolis a surprise on top, quite strong at 1000 on 11/7 with ID. Man added it was "Your community minded station." (LG-MT)
- 1260 KOIT CA, San Francisco was on top at 0859 on 11/6 with call ID and local weather. Rare. (LG-MT)

- 1340 KCBL CA, Fresno 11/6 0559:50 on top with ID "13-40, KCBL Fresno and 14 hundred KVBL Visalia." (PM-OR)
- 1370 KXTL MT, Butte 11/9 0831 man with "AM 13-70 KXTL" ID; again at 0833 followed by the Beach Boys singing "California Girls." (AB-CA)
- 1470 ?KNXN? AZ, Sierra Vista 11/6 0900 with top-of-hour non-ID "This is AM 1240 KJAA Globe, AM 930 KAPR Douglas," with no mention of 1470. Went into choral music, apparently a religious program. KNXN recently went from Unica to REL. (JW-CO)
- 1510 KDKO CO, Littleton 11/3 2300 muscled through KGA with ID during break in football game between Grambling State and Auburn. (LG-MT)
- 1610 TIS/HAR CA, ? 11/4 0821 CalTrans Highway Advisory Radio giving current road conditions for east bound 58 & 99, 223 and 198. Highway 46 delays because of road work. No call letters or location. Assume a temporary TIS/HAR. (GJ-CA)
- 1630 KKWY WY, Fox Farm 11/4 0730 announcer said "KKWY time is 5:30am," then into C&W music. Strong. Heard Hanford, CA at my dad's on FRG-8800 & Quantum loop. Not heard in Sacramento because of KSMH splatter as it covers 1610-1630. (GJ-CA)
- 1650 KBJB CO, Denver 11/5 0700 over KEXL Torrance, CA with contemporary Christian music and ID at 0700. Heard in Hanford, CA with FRG-8800 and a Quantum loop. No KSMH splatter here. Good signal. (GJ-CA)
- 1690 KDDZ CO, Arvada 11/4 Radio Disney ID at 0738. Not heard in Sacramento because of KSXX-190 Roseville, CA. Good signal. (GJ-CA)
- 1700 TIS/HAR CA, Burbank Airport 11/5 0635 giving new rules on what you can carry on the different airlines. Good signal at Hanford, CA. No KSXX splatter here. (GJ-CA)
- KQXX TX, Brownsville 11/4 2253 ID'd as "Oldies Radio, KQXX, 1700 AM." First time I've heard it since it abandoned Spanish format. (LG-MT)

DX TEST

- 1230 (WODI) VA, Brookneal 11/4 0100-0200 nothing heard in the mess that sounded like a DX test. (FA-ID)

UNIDS

- 1100 Weak C&W station went without a break from 0857-0902 on 11/8, then launched a commercial. Format doesn't fit anything I'm familiar with here. (LG-MT)
- 1449.83 11/4 0821 and daily. Looped approx. ESE-NSW. Seemed to be sports program. Poor but separable on LSB from the 1450 zoo. (JW-CO)

DX is picking up around here. Hope that you all report your special catches to your editors, Lee, John, or myself, depending on where you live. Nancy 11/9/01 2100

***** JUST PUBLISHED! THE IRCA MEXICAN LOG, 7TH EDITION

lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated from the 2000 edition and carefully cross-checked by several IRCA members. **This is an indispensable reference for anyone who hears Mexican radio stations.** Size is 8 1/2" x 11" and three hole punched for easy binding. Prices: IRCA/NRC members - \$9.00 (US/Canada/Mexico/sea mail), \$10.00 (rest of the Americas airmail), \$10.50 (Europe/Asia airmail), \$11.00 (Australia/New Zealand airmail). Non-members: add \$2.50 to the above prices.

To order the IRCA Mexican Log from the IRCA Bookstore, send the correct amount (in US funds payable to Phil Bytheway) to:

IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117-2334

CENTRAL DX ROUNDUP

Editor: John C. Johnson

E-mail: John_Johnson@prodigy.net CDXR reports ONLY: cdxr@prodigy.net

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JohnJRieger@webtv.net
<http://DX-midAMerica.com>
Icom IC-R75, Kiwa loop, GE Superadio III, Terk AM 1000 loop.

DOWN THE DIAL

- 870 KLSQ NV, Laughlin. 11-9 strong. 20:59 with SS format, ID, "Requerdos" jingle.
[NJ-MT]
- 930 KROE WY, Sheridan. 11-4. 18:58 with oldies a, ID into CBS News. [NJ-MT]
- 960 KROF LA, Abbeville. 10-30 fair to good, no fading. 04:03 with satellite NOS
format, "KROF 9-60 AM" ID. NEW! Thanks to Eric Berger for his help on
the former unID. [JJR-WI]
- 990 KTKT AZ, Tucson. 11-7 strong with some KBUL-970 slop, faded under SS. 19:59
with Marines PSA, ID into news "Your information, AM 9-90 KTKT
Tucson." [NJ-MT]
- 1010 KIND KS, Independence. 11-4 poor, clear, over others. 07:12 with "All new
KIND 10-10" and WW1 NOS format. New! [JJR-WI]
- 1380 KMUS OK, Muskogee. 11-4 poor, clear, in with 3-4 others. 06:29 with calls. New,
Number 2000! [JJR-WI]
- 1450 WMIQ MI, Iron Mountain. 10-30 poor. 03:58 with calls, "Talk 14-50" slogan.
Sporting News. [JJR-WI]
- 1480 WRDW GA, Augusta. 10-28 with WFXW off the air. 21:04 with ID during break in
Monday night football game. Mention of Westwood One and talk. Also
heard with just sports talk on 10-28 and again 10-30 around the same
time. [TMJ-IL]
- 1550 KLFJ MO, Springfield. 11-4 fair. 06:00 with "KLFJ Springfield and KTOZ AM
1060 .com on the worldwide web." [JJR-WI]
- 1560 WGLB WI, Elm Grove. 11-6 good. 05:44 with calls, Urban Gospel. Now 24 hours?
[JJR-WI]

DX TESTS

- 1230 WODI VA, Brookneal. DX TEST 11/4 just above the mess along with signal from
WCNW. Test was on! 01:02 to 01:04. Code "WODI" heard over and over.
[TMJ-IL]

UNIDs

- 960 unID 10-30 unID fair to good, No WSBT. 04:03 with satellite fed NOS. "KRLS 9-
60 AM" or very close to that. Clear, no fading. Can't figure out who this
is, KRLS is 92.1 in Iowa. Weird not to have news on the hour on a NOS
format station. [JJR-WI]
- 1549.65 unID 10-26 at 22:00 noted unID signal gone. The unID pest that was off
frequency making a mess on 1550 is gone. Who ever they were they must
have either gone off the air at night or corrected the problem. [TMJ-IL]

25 YEARS AGO

November 20, 1976 issue of IRCA's "DX Monitor" ... Robert Kramer said he was 23, single, and a sophomore at Northwestern Illinois University majoring in broadcasting and just sent in his renewal for his 7th year with the IRCA ... Nick Hall-Patch of Victoria, BC told about the great conditions on November 7th with Midnight in Moscow chimes on 872 the best he had heard them ... Bruce Goldsen of Georgetown, CT discussed NBC's decision to drop NIS as the all-news idea didn't catch on as a format.

OPEN MIKE

Happy Thanksgiving everyone! This column was typed 11-10-01. 73, John

EASTERN DX ROUNDUP

Editor: Lee J. Freshwater – 414 SE 3rd St. – Ocala, FL 34471

E-mail: ENGWTRS@aol.com

Deadlines are : 8 AM SUNDAYS

STARS OF THE WEEK

(WM-MD)	William McGuire	2412 59th Place, Cheverly MD DX-398
(DH-NJ)	David Hochfelder	New Brunswick, NJ Sony ICF 2010 w/ KIWA Pocket Loop

LOGGINGS

560	NC	WGAI	Elizabeth City 10/26 2205 CNN Radio News; ID	(WM-MD)
620	KY	WTMT	Louisville 10/27 2202 ID hrd in mess	(WM-MD)
780	NC	WWOL	Forest City 10/26 1858 S GSPL mx hrd; Full sign off with "My Country Tis of Thee"	(WM-MD)
830	MO	KOTC	Kennett 10/30 1815 C&W mx hrd; "Cotton Country"	(WM-MD)
	PA	WEEV	Reading 10/26 1845 Promo for HS FB; "The Voice of Berks County"; ID	(WM-MD)
850	CO	KOA	Denver 11/04 0035 "Newsradio 850"; ID into talk show	(WM-MD)
900	KY	WLSI	Pikesville 10/26 C&W mx hrd; ID	(WM-MD)
910	TN	WEPG	South Pittsburgh 11/02 1815 Promo for S. Pittsburgh HS FB ID	(WM-MD)
940	IL	WMIX	Mount Vernon 11/04 0042 NOS Music hrd; ID	(WM-MD)
950	WV	WBTX	Charleston 11/05 0500 Coast to Coast AM pgm hrd; "Charleston's News & Information Leader"; ID	(WM-MD)
1030	NC	WFTK	Wake Forest 10/26 1830 S GSPL hrd; Mention of Ral.-Ch.Hill area "Your station for the Word"; "A Positive Radio Station"	(WM-MD)
1040	NC	WSGH	Lewisville 10/30 2000 Spanish Music then ID mentioning cities in NC	(WM-MD)
1070	NC	WNCT	Greenville 10/26 2107 HS FB hrd; mentions of Clinton, East side and Greenville	(WM-MD)
	SC	WCSZ	Greenville 11/02 1745 Local ad; promo for HS FB; ID	(WM-MD)
	TN	WFLI	Lookout Mountain 10/31 1817 S. Gspl Mx hrd; ID	(WM-MD)
	ON	CHOK	Sarnia 10/31 1913 After 5 th Dim. song, "Information Radio"; ID	(WM-MD)
1170	NC	WCLN	Clinton 10/25 1850 After Beach Boys song, "Oldies 11-70" hrd into song.	(WM-MD)
1190	NY	WLIB	New York 10/30 1825 ID then into Music	(WM-MD)
1200	MI	WCHB	Taylor 10/31 1835 Blk Gspl Mx hrd; ID	(WM-MD)
	PA	WRKK	Hughesville 10/30 1730 ID hrd in mess	(WM-MD)
1230	NC	WSKY	Ashville 10/31 1845 ID by male hrd	(WM-MD)
1280	IN	WGFB	Evansville 10/30 2200 "Your News and Information Station"; into Pacers BB.	(WM-MD)

1350	PA	WOYK	York 10/29 2120 Ad for Hooters; S. ID	(WM-MD)
1370	NY	WXXI	Rochester ID; mention of FM	(WM-MD)
	VA	WHEE	Martinsville 10/30 1735-1740 Listing of local obits; PSA; ID;	
			Country Gospel sounding mx also hrd	(WM-MD)
1400	CT	WSTC	Stamford 11/06 0045-0105 Good, these are my first loggings on this channel which is usually a bunch of mush. Talk format with local ads giving telephone area ccode as 203 and ID's as // WNLK 1350	(DH-NJ)
	MI	WRCC	Battle Creek 11/01 NOS mx hrd	(WM-MD)
	NY	WABY	Albany 11/1 1755 News report; ID	(WM-MD)
	PA	WEST	Easton 11/06 0045-0105 good. Oldies/NOS format. Ads for local businesses on main street in Phillipsburg. ID'd as "WEST, Easton-Phillipsburg" into ABC news.	(DH-NJ)
1410	NY	WDOE	Dunkirk 11/02 1825 "The Oldies Station"; ID	(WM-MD)
1420	PA	WCOJ	Coatesville 10/26 1830 After Beatles song, ID into oldies	(WM-MD)
	TN	WEMB	Erwin 10/30 1745 Country Music promo ID	(WM-MD)
1460	OH	WBKC	Painesville 10/26 2000-2005 EZ music hrd; ID into hourly news; "We're the Station with Unforgettable Music"	(WM-MD)
	PA	WMBA	Ambridge 10/26 1940 Hrd ad mentioning Aliquippa & Beaver County	(WM-MD)
1490	PA	WBCB	Levittown 11/06 0033-0045 Excellent. This is my first logging on this channel as it's usually a chaotic jumble. Oldies format; ID'd with call letters and "Bucks Counties Best"	(DH-NJ)
1600	VA	WXYM	Saltville 10/30 1755-1805 "The Music You Grew Up With"; ID sign off at 1805; "Please tune in tomorrow for more Classic Country	(WM-MD)
1620	NE	KAZP	Belleville 11/04 1935 Presumed w/ ESPN Radio	(WM-MD)
1700	AL	WEUV	Huntsville 10/27 2210 BLK GSPL mx hrd	(WM-MD)

UNIDEN

800	??	????	10/30 1858 BLK preacher hrd in CKLW fade	(WM-MD)
870	??	????	11/03 2020 Animal Planet Radio hrd O/ Finance tk	(WM-MD)
900	??	????	10/30 1906 ABC hourly news, then into Oldies hrd	(WM-MD)
1000	??	????	10/29 1928 C & W mx hrd under WMVP	(WM-MD)
1090	??	????	10/26 2238 After Crystal Gayle song; "Hi, we are ????, you're listening to Country Music Radio" hrd in WBAL null	(WM-MD)
1120	??	????	Bluegrass mx hrd; "Your Home for American Music"	(WM-MD)
1130	??	????	10/25 1840-1845 S. GSPL sounding music hrd in WBRR fade	(WM-MD)
1440	??	????	11/03 2205 World Series game on ESPN hrd	(WM-MD)
1460	??	????	10/25 2200 Mention of Business Talk radio hrd in mess	(WM-MD)

Thats a wrap for this week. Thanks to William and David . Lets hear from the rest of you !!!!!!! 73s and all the best....G.B.A.fresh...11/08/00....0700.....



The NRC AM Radio Log, 22nd Edition

Including cross-referenced listings from 530-1700 kHz, is compiled from both listeners' reports and official sources, making it the most accurate listing of U.S. and Canadian stations available. Unbound, three-hole punched for standard binders. \$19.95 to U.S. NRC/IRCA members; \$25.95 to U.S. non-members, \$23.00 to Canadian NRC/IRCA members; \$29.00 to non-members. Airmail to members in western Europe (except Italy) and Australia, New Zealand and Japan: \$29.00. All others contact us for exact prices. Order from:

NRC Publications, Box 164, Mannsville, NY 13661.
(New York residents, please add sales tax)

DX WORLDWIDE – WEST / TROPICAL BAND DX

Editor: Patrick Martin – P.O. Box 843 – Seaside OR 97138

E-mail: mwdxer@webtv.net

We have reports this time from Chuck Boehnke in Hawaii and Nancy Johnson in Montana. Great to hear from you both. Also a decent opening from the South Pacific. The first one this good for quite sometime. It was interesting that I never heard any New Zealanders that I could ID. It was all Pacific, Australia, and a couple Japanese (strange).

PAN-AMERICAN DX ROUNDUP

- 660 MEXICO, XEAR Tampico, heard with Sony ICF-S5W w/40 foot random wire at 1000-1010 UTC on 11/12/01 w/good Tropical Music. "La Mexicana" and "En Tampico" strongly over SS QRM.
- 790 MEXICO, Chihuahua, Chih. XERPC, heard very well over domestic QRM at 0950 11/6 w/excellent mix, Rocio Durcal, Ana Gabriel, Ramon Vargas and others. Gave "Radio Bandito" slogan at 0955 and at TOH full ID and "Radio Ranchito Me gusta mas!" as listed in the IRCA Mexican Log and into more music, corridos, etc. (CB-HI)
- 890 CUBA, Radio Progreso, presumed the source of the SS News with distorted audio, after several DXers on the IRCA/NRC lists said I heard Radio Progreso. At 0915 11/7. Listened back to tape and thought I heard a "Radio Progreso" by man during news. (PM-OR)
- 990 MEXICO, Mexicali XECL 11/9, 2058 strong with song, then ID \$ some sort of jingle at 2100. No sign of CBW. (NJ-MT)
- t1510 MEXICO, Monterey XEQI? poss. Mexican SSer here with long talks and Tropical type mx 11/5 0235. Listened back to tape and at one point it sounded like "Sisterina" or something like that. (PM-OR)

TRANS-PACIFIC DX ROUNDUP

- 525a UNID, very weak talk in ute noise at 1015 11/11. Sounded Aussie EE, but too weak to tell for sure. I logged a mixing product put out by the Sydney transmitter site (ABC) several years ago on 522 khz. This was being heard all over the South Pacific. Is this mixing product back and have moved up freq. Will keep checking. (PM-OR)
- 531 AUSTRALIA, Kempsey 2MC or 2PM (new call?) heard with soft adult, but no ID heard, just a couple spots, one from Kempsey business at 1132 11/11. (PM-OR)
- 540 AUSTRALIA, Longreach 4QL, mixing with domestic with ABC News at 1200 11/11. (PM-OR)
- 549 AUSTRALIA, Orange 2CR // at 1201 11/11 with ABC News. (PM-OR)
- 558 FIJI, good with Island mx and man in Fijian at 0934 11/11. Good. (PM-OR)
- 576 AUSTRALIA, Sydney 2RN, good with talk mentioning Sydney at 1120 11/11. (PM-OR)
- 590 HAWAII, Honolulu KSSK, good on top with "KSSK" ID by man after Billy Joel song, Just the Way You Are at 0730 11/11. (PM-OR)
- 594 JAPAN, Tokyo JOAK. This and JOAB-693 were the only Japanese heard this morning and they were rather poor. This noted with JJ type of Play at 1045 11/11. (PM-OR)
- 612 AUSTRALIA, Brisbane 4QR, good with ABC News at 1002 11/11. (PM-OR)
- 666 NEW CALEDONIA, Noumea, fair in splatter from KPUA-670 with man in FF at 1120 11/11. (PM-OR)
- 693 JAPAN, Tokyo JOAB, this and JOAK-594 were the only JJs in the morning on 11/11, heard with JJ talk at 1015. (PM-OR)
- 702 AUSTRALIA, Sydney 2BL, good with discussion at 0930 11/11. (PM-OR)
- 738 TAHITI, good with woman in FF at 0840 11/11. (PM-OR)
- 747 AUSTRALIA, Toowoomba 4QS presume the Aussie talk at 1013 11/11 in passing. (PM-OR)

- 774 AUSTRALIA, Melbourne 3LO, good with Sports report on trotting (presumed) at 1025 11/11. (PM-OR)
- 792 AUSTRALIA, Brisbane, 4RN presumed the Aussie talk in passing at 1035 11/11 (PM-OR)
- 801 UNID, talk by man here in extreme KGO spot at 1026 11/11. (PM-OR)
- 882 AUSTRALIA, Brisbane 4BH, good with pop mx and the single "4BH" ID by man at 1050 11/11 (PM-OR)
- 936 AUSTRALIA, Brisbane 4PB, good with news discussion at 1134 11/11 (PM-OR)
- t954 AUSTRALIA, Sydney 2UE presume the talk at 1150 11/11. (PM-OR)
- 972 UNID, Pop mx station here in splatter at 1233 11/11, prob 2MW. (PM-OR)
- 1008 AUSTRALIA, Brisbane 4TAB?, presume the source of "Racing Radio TAB" ID at 1139 11/11, but 7TAB is also listed here, but no Tasman. heard. (PM-OR)
- 1017 TONGA, good with US Pops at 0950 and some island mx, woman in Tongan 11/11 (PM-OR)
- 1026 AUSTRALIA, MacKay 4MK, good with pop mx and man ancr said "4-M-K" at 1015 11/11. (PM-OR)
- 1035 SOLOMON ISLANDS, fair with man in unk lang at 0950 11/11, Island mx. No sign of usual NZ (PM-OR)
- 1062 AUSTRALIA?, presume the talk at 1118 11/11. (PM-OR)
- 1098 MARSHALL ISLANDS, Majuro, presume the loud pop mx at 0955 in passing, KFAX splatter. (PM-OR)
- 1116 AUSTRALIA, Brisbane 4BC, heard well at times with talk. mentioned Brisbane & Queensland at 1109 11/11. Was looking for 3AK, 1120 splatter. (PM-OR)
- 1152 FIJI, good with man in Fijian at 1019 11/11. (PM-OR)
- 1179 VANUATU?, station with island mx at 0930 11/10, but no ID possible, lots of terrible KLOK-1170 splat. KLOK was S9+35 DB, and they null this way! (PM-OR)
- 1206 AUSTRALIA, Grafton, 2GF good and a surprise to hear so well. This used to be a regular 20 years ago, but they have been rather rare for the last several years. Hrd at 1004 11/11 with the end of news. Man announcer gave spots, one tagged "The only place in Grafton". That was followed by weather and "That's 2GF News a Weather". (PM-OR)
- 1332 AUSTRALIA, Bundaberg, 4BU, good with pop music and spots at 1051 and "Classic Gold on 4BU" 11/11 (PM-OR)
- 1386 UNID station here weak in 1380/1390 splatter. Likely NZ at 1055 11/11 (PM-OR)
- 1449 UNID, station in extreme 1450 splatter, weak at 1057 11/11 (PM-OR)
- 1503 UNID, station here with island mx at 1044 11/11 and several rechecks between 1044-1059 UTC at 1050, the music ended or faded down and a woman(?) in island lang. s/off? Then sounded like typical "Samoan, Tongan, etc" type NA (Island choral song) to 1058, then just dead air. One of the islands must be operating on 1503 khz now. I have heard programming from the Pacific at least twice now. Bruce Portzer thinks maybe Kosrae may have moved here, listed in the PAL log. E mails to the station have gone unanswered. (PM-OR)
- 1503 AUSTRALIA? Bathurst, 2BS? Possibly the oldies station u/UNID Island station at 1056 11/11. Soon lost. (PM-OR)

THANKS TO THESE REPORTERS

- CB-HI CHUCK BOEHNKE, Keaau, HI
<kale@juno.com>
- Drake R8B, longwire antenna
- NJ-MT NANCY JOHNSON, Billings MT
<nancyjohnson@prodigy.net>
- Icom R71A and Kiwa Loop
- PM-OR PATRICK MARTIN, PO Box 843, Seaside OR 97138-0843
<mwdxer@webtv.net>
- Drake R8, Kenwood R-1000 (modified), EWE, K9AY, 1500' Eastern Beverage antennas.

DX WORLDWIDE – EAST

Editor: Phil Bytheway – 9705 Mary NW – Seattle, WA 98117-2334

E-mail: phil@radiodx.com

Deadlines are Mondays. ALL TIMES IN UTC. Thank you Rick.

PAN AMERICAN

- 540 CUBA, R. Rebelde, Sancti Spiritus, OCT 28 0800 - Rising up w/man "Muy Buenos Dias", then the Rebelde signature 9-note tune, then "Noticias". Another LA mixing - presumed Mexico. New. [Kenneally-CT]
- 630 PUERTO RICO, WUNO, San Juan, OCT 31 1000 - Following David Hochfelder's lead, heard this one above Cuba & WPRO w/"Cadena de Noticias", then long list of affiliate call letters, and spot in a child's voice. Many mentions of "Puerto Rico" & "NoticiUno". - New [Kenneally-CT]
- 1100 ANTIGUA, ZDK, St. Johns, OCT 26 0205 - Good in WTAM null w/man promoting ZedDK contest commemorating 20th Anniversary of Antigua/Barbuda independence. Contest prize is tickets to another Caribbean island on Caribbean Star airways. Not new, but always welcome. [Kenneally-CT]
- 1500 VENEZUELA, Dos Mil - YV??, Cumana, OCT 26 0202 - Good w/pop song containing many "corazons", then "En Dos Mil, diez dos minutos". Even stronger 15 minutos later. New. [Kenneally-CT]
- 1520 COLOMBIA, Ecos del Palmar, Bogota, NOV 6 0455 - Amazing auroral night left this one weak but totally in clear w/fantastic, deep-voiced, recorded ID "En su radio, Ecos del Palmar, 1530 kilohertz, estacion H-J-L-I, Emisora independiente de la Sociedad de Christiana Latina en Bogota, Distrito Federale en Colombia". My best LA catch to date from Connecticut. [Kenneally-CT]
- 1540 BAHAMAS, ZNS1, Nassau, NOV 6 0415 - On tip from Ben Dangerfield (Thanks Ben!) found this one almost completely alone, with murmur underneath from WPTR-NY. Man and woman on emergency broadcast covering Hurricane Michelle. Phone-in reporters from outlying islands & from the Nassau "met" office. Signed off with anthem @0600. New. [Kenneally-CT]

CONTRIBUTOR

Rick Kenneally - Wilton, CT - 2 Sony 2010, 300' long-wire, Quantum QX Loop, Quantum phaser, SM-2 Loop.

WESTERN DX FORUM

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E-mail: WMA001@home.com Phone 360-786-6756 Fax 360-753-3824

Gary Larson – 2806 Lincoln – Burbank CA 91504 818-843-5200

[11/2] Hi. Latest in radio is that an FM is moving today. Its KROQ (Once 1500 call here) and they're moving into bldg KRTH occupies plus 2 AM XRs, KHJ-930 + KFOX-1650. And 930 once was at Melrose next to Paramount Studios for glory days as a leading top 40 station; but now they're in Burbank. KROQ, which was in same bldg as KYSR FM had a good relationship here locally but since Infinity owns 106.7 + 101.1, I can see how costs can be saved. So now here in Burbank are clear channels KIIS FM, KYSR + KHHT 92.3, plus Liberman Br. KHJ, KBVA, KBVE + ch 62 KRCA. Also KPWR FM is here (Emmis) and in Glendale Salem has KRLA-870, KEZY-1240, KXXM-1190, KKLA FM + KFSH FM. Clear Channel has KBIG + KOST FMs. Began job, 2 nites so far, at a San Fernando location for Verizon doing security. Tried 890 Arroyo Grande couple times on car radio, but only slop from KALI + KRLA. 73.

Rich Toebe - 2103 Sargent Ct - Davis CA 95616-7621 richtoebe@jps.net

[11-11] Greetings! This is a good point to review how things have been going on the publishing front. There were of course bugs to be ironed out, but things are humming along pretty smoothly; thanks to everyone involved with getting the material to me and making things as easy on me as possible! The printer here is great to work with too; they finish the bulletins quickly even when I throw curves at them, hi.

This takes more time than I expected initially, but it's manageable and I've been able to put this out weekly even with recent major family events to deal with.

I've started to experiment with putting graphics in the printed bulletin. Conversion of inkjet pix to xeroxed pix loses resolution, but I'm working on a fix. I hope to have enough leeway in the budget that we can have a color issue once a year, publish color pix of the convention attendees, a DXpedition, that sort of thing.

Another issue that I hope to work on is the high cost of mailing bulletins out of the US. It seems especially unfair to Canadian members, who pay almost double the postage for a bulletin that we do. It's ironic that with NAFTA in force, we have higher rates to Canada and Mexico; in the early '80s US and Canada / Mexico rates were the same!

I want to start brainstorming ideas as to how we can mitigate that expense, and I'd like to hear from Canadian SDXM members if they would like to get the paper issues, but can't justify the postage cost.

Alternatives for bringing the dues down might include shipping 2 bulletins at a time, as 1 ounce costs 60c and the second ounce an additional 25c, or we could set up a satellite mailing post in Canada, where the postage would drop to Canada internal rates (48c CDN/30c US for a 16 pager and 77c CDN/48c US for a 32 pager, effective 14 Jan 02). For this I would need the help of a member in Canada.

Unfortunately, combining bulletins to save postage costs will not work for overseas members. Ironically, to mail one ounce to Australia and Japan costs 80c, the second ounce costs another 90c (wierd).

Finally, I'm always looking for articles; one subject that I've been thinking about is "My 10 best (or most interesting) catches". Very short articles would make great Forum entries, too (hint hint). Is there anything you'd like to see in the bulletin? Do you have an idea for an article? Let me know. 73, Rich

EASTERN DX FORUM

Richard C. Evans - 7416 Hearthstone Way - Indianapolis IN 46227-7923

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DEADLINES: Sundays

R. C. Watts, 4109 Graf Drive, Louisville, Kentucky 40220-3016 rclaywatts@webtv.net

I think I heard the WODI-1230 dx test, cids only. Since I don't do CW, can't really be sure. Sent a report so let the station decide. Ordered a key and oscillator from the shack, so will try learning it. I finally got a verie from the 1630 in Augusta, GA but then got sidetracked onto war shortwave. I thought last night that the x-band was getting away from me so listened awhile and snagged KTXR-1660 and KWHN-1650. Both new for me so I did the reports and will get them out this morning. Have to be downtown next week. If weather is ok, am thinking about walking over to the public radio partnership (WFPK, WFPL, WUOL (FMs)), see the facilities and take some pix. Happy Thanksgiving! Col. DX.

Sunrise/Sunset Maps

12 maps showing 15 minute sunset and sunrise times for the US and 12 maps showing hourly sunset and sunrise times for the World. Explanation includes use of the maps and examples of DX made possible by knowledge of SR/SS times.

Prices: IRCA/NRC members - \$2.25 (US/Canada/Mexico/sea mail), \$2.75 (rest of the Americas airmail), \$3.00 (Europe/Asia airmail), \$3.50 (Australia/New Zealand airmail). Non-members: add \$1.00 to the above prices.

IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117-2334

Erik Lacitis / Times staff columnist

Shortwave dials up world's voices



Erik Lacitis

In the basement of Bruce Portzer's home in Seattle's Ravenna neighborhood, I watch him punch in the numbers on the digital shortwave radio. And just like that, the airwaves from Afghanistan are beaming back.

I am listening, live, to U.S. propaganda broadcasts into that country from an Air Force EC-130 "Commando Solo" plane. You want immediacy, here it is, courtesy of the U.S. Special Forces carrying out PsyOps, which stands for "psychological operations."

Through that sometimes staticky, sometimes fuzzy background noise of shortwave signals, as they bounce off the ionosphere and maybe pass through a thunderstorm 1,000 miles away, I hear Afghan music.

The tunes last maybe five or six minutes. Then I hear a no-nonsense voice. Portzer says it's in either Dari or Pashto, Afghanistan's major languages. I think I hear the words "Taliban" and "bin Laden." I don't understand what's said, but it's definitely not a smooth disc jockey's talk.

According to the BBC, the British Broadcasting Corporation, which monitors broadcasts around the world, what was said on a previous day included, "We have not come here to harm you. We have come to arrest Osama bin Laden, al-Qaida and those who support him. ... We request you to stay away from bridges and roads for your own safety, and do not interfere with the military operation and our troops."

Years ago, I used to have a shortwave radio. I listened to broadcasts from Cuba, Australia, Japan, Radio Moscow and even New Guinea. Back then, Radio Moscow gave you 100 percent Cold War talk, 100 percent of the time. From Cuba, there was propaganda, along with some pretty good music.

Shortwave is a guy's kind of thing. A woman enters the household, and she can't understand why anybody would listen to all that static and crackling. That's why shortwave radios get relegated to the basement, or boxed up and stored in the attic.

Then Sept. 11 happened, and shortwave got rediscovered. It had never gone away, but, suddenly, there were ads such as this one, placed in *The Wall Street Journal* by Grundig, one of the major shortwave-radio sellers.

"GLOBAL UNREST" says the ad, over a photo of an Asian man shouting his message in what appears to be a radio studio.

"No need to wait for updated Internet reports and news at the hour when there are hundreds of correspondents reporting directly to you, live from around the globe. That's the power of Shortwave Radio," said the ad.

A spokesman for Grundig told me sales have increased five-fold since Sept. 11 over the same period last year. Grundig is aggressively marketing its shortwave radios, some of which are the size of a cell phone, and which sell from about \$30 to \$500.

If you're that businessman traveling to some faraway location, you don't need a computer hookup, just some AA batteries. Then you can tune in to the BBC, with its reputation for unbiased and thorough news reporting, and hear the absolute latest news.

Sitting in Portzer's home - he's 50, an engineer for a wireless-phone company who started listening to shortwave at age 12 - we tune to the BBC. I listen to an interview with a guy who promises mail delivery into Afghanistan. For \$5, the guy says, the letter will get there in five or six days.

Larry Van Horn, assistant editor for Monitoring Times, a magazine for radio hobbyists, says they're getting lots more people resubscribing. "Even when it's not a time of crisis, shortwave radio gives you a whole new perspective," he says. That civil war in East Timor? Van Horn was hearing about it on the shortwave, while initial coverage in American media was practically nonexistent.

At Portzer's home, we turn to 8700 kHz, one of the propaganda frequencies. On the Web, at <http://www.clandestineradio.com/>, a site that keeps track of all kinds of shortwave broadcasts around the world, you can see copies of the American propaganda leaflets dropped from planes. The leaflets have a drawing of a radio tower, with zigzag lines emitting signals. The drawing shows what look like two boom boxes receiving those signals. "Information Radio," says the leaflet, along with times and frequencies of the broadcasts.

It's crude art, but maybe that's the point. Nothing fancy, just the simple message that we're coming after bin Laden.

It is morning in Afghanistan, where music then is followed by the no-nonsense voice, and what we're doing there becomes just that much more compelling. I'm searching my basement, to see if I can find that old shortwave radio.

Erik Lacitis' column runs Sunday, Tuesday and Friday. His phone number is 206-464-2237. His e-mail address is: elacitis@seattletimes.com.

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How Do You Rate Your Best Catch?

By Larry Godwin

At one time or another, or perhaps continually, all of us are interested in determining which station is our best catch. Many criteria can be applied for ranking BCB stations, but two of the most common are distance and power. Distance from the DX'er's location to the station's transmitter site is relatively simple to calculate if a globe is available. Miles are concrete units, and normally there is no problem deciding which is a better catch, for instance a Hawaiian or an Aussie. But in all fairness,

we must inject the power factor; what if the Hawaiian is KZOO (1000 watts) and the Aussie is 6WF (50,000 watts)?

IRCA Reprints

The IRCA maintains a large file of articles that have appeared in past issues of DX Monitor. These articles cover a wide variety of topics, including: antenna theory and construction, tips for foreign BCB DX, how to improve your DXing skills, history of DXing, receiver modifications and reviews, station lists, construction projects, medium wave propagation, and more. Copies are available for a nominal charge. For a complete list of reprints, send \$1 to:

IRCA Reprints, c/o Steve Ratzlaff
1885 E. Bayshore Rd. Sp 90,
E Palo Alto CA 94303

Some DX'ers have attempted to devise mathematical formulas for resolving this question. For example, by using the watt-per-mile criterion, from Los Angeles, often-heard KZOO rates $1550/1000 = 1.55$, and 6WF rates $9400/50,000 = 0.19$. Obviously the results can be a bit misleading. The mileage divided by the square root of the power might be a somewhat better indicator; for KZOO it is 80.7 and for 6WF, 42.0. The extreme case would be the VOA station at Okinawa, with one million watts!

Abbreviations Used in DXing

As space permits, a list of abbreviations will appear in the DX Monitor. In recent years, attempts have been made to eliminate jargon, but many of these are so well known and used that they serve a useful purpose, like shorthand. You can find the complete list at the IRCA website in the New Members section. If you're not on-line, contact me and I can get a list to you, included with your next bulletin. -RT

A

- AA Arabic language
- Ancr announcer
- AN all night
- AN-6 all night 6 days per week
- AN-7 all night 7 days per week
- Ant antenna
- AS adult standards

B

- BCB broadcast band (same as the AM radio dial, 530-1710 kHz)

C

- CBC Canadian Broadcasting Corp.
- CC Chinese language
- CE Chief Engineer
- CH critical hours
- CLA, cl classical music
- CP construction permit
- CPC Courtesy Programs Committee, who arrange for stations to put on DX tests for the members

- cw morse code
- C&W country and western music
- CWM modern country music
- cx conditions

D

- d daytime only
- DA directional antenna
- DA-N directional antenna, nights
- DD Dutch language
- DJ Disk Jockey
- DU Down Under (Australia & New Zealand)
- DX distance
- DXF DX Forum
- DXM DX Monitor
- DXR DX Roundup
- DXW DX Worldwide

Clearly these formulas are inadequate for measuring the relative merits of catches.

Besides, factors other than distance and power have a bearing on rating a good catch. Was reception during the night or during the day? A station from Hawaii heard at noon PST on the West Coast would probably outrank most Aussies heard during the early morning. Did the signal come across land or sea, and if across land did it cross-level or mountainous terrain? KINY, Juneau, Alaska heard from Denver would outrank a New England station, if power were the same, because of the mountain barrier to the west. Was reception during the winter or the summer? An "easy" European heard anywhere in North America in June would easily outrank a more distant TA with the same power heard in November. Is the current season a high sunspot one, or was there considerable atmospheric noise at the time of reception? If so, you may want to attach an extra premium or handicap to your rating of good catches heard under such conditions.

Factors concerning the station itself may influence your rating. Is a directional antenna used, and if so, are you benefited or hindered by its effect? Did you hear a definite ID, and if you did and sent a report, was it verified? Probably you will value a QSL from a "non-verifier" more than one from a station that readily verifies. And was your catch heard through considerable interference on the same or an adjacent frequency, or was the channel clear?

Finally, you may want to consider personal factors, such as your receiver and antenna or your level of experience or sophistication, before rating an all-time best catch. Even such a simple thing as the sentimental value of a catch can be important.

I don't propose that there is any simple or objective way to rate your best catch, but rather suggest that the process may be more complicated than it seems at first glance. Some DX'ers will want to give more emphasis to some of these factors than to others, so an all-encompassing scale would be difficult to derive. At least it should be realized that distance and power aren't the only factors to be considered.

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GEOMAGNETIC INDICES

Editor: Phil Bytheway

E-mail: phil@radiodx.com

Geomagnetic Summary October 22 2001 through November 12 2001

Tabulated from email status daily

Date	Flux	A	K	SA Forecast	GM Forecast	Etc.
10/22	233	53	4	moderate-high	active-mas	9 mas 1645/ maf 1759
23	226	14	2	low-moderate	quiet-mas	2
24	239	4	0	low-moderate	quiet-mas	1
25	239	6	1	low-moderate	quite-unsettled	7 maf 1453
26	237	5	1	low-moderate	quiet-mis	5
27	247	6	2	low-moderate	quiet-mis	4
28	227	38	3	low-moderate	unsettled-active	8 mas 0318
29	216	18	2	low-moderate	quiet-unsettled	6
30	226	7	2	low-moderate	quiet-unsettled	4
10/31	221	8	4	low-moderate	quiet-unsettled	8
11/ 1	236	22	2	moderate-high	unsettled	4
2	214	8	0	moderate	quiet-unsettled	5
3	216	3	0	low-moderate	quiet	3
4	227	8	0	moderate-high	unsettled	3 maf 1620/spe/pca
5	235	13	7	moderate-high	unsettled-mas	8 mis 0150/spe/pca
6	237	74	4	moderate-high	unsettled-mis	8 sv5 0300/spe/pca
7	269	16	1	moderate-high	quiet-active	5 maf 2001/spe/pca
8	248	4	1	moderate-high	quiet-unsettled	3 maf 0704/pca
9	271	4	1	moderate-high	quiet-unsettled	5 pca
10	246	5	2	moderate-high	quiet-unsettled	8
11	234	5	0	moderate-high	quiet-unsettled	5
10/12	227	2	1	moderate-high	quiet-unsettled	6

AU Daytime Bandscan from Seaside OR, 6 November 2001

By Patrick Martin

Very good AU CX even during the day.
During the period 12 Noon-12:50 PM
(PST) I noted:

540	KVIP	Redding CA	760	KFMB	San Diego (weak)
560	KSFO	SF (Quite strong)	770	KCBC/KNWX	mix
570	KCNO	Alturas CA	780	KKOH	Reno (good)
580	KMJ	Fresno (good)	790	KOOR	Clovis (Dominant)
590	KTHO	S. Lake Tahoe CA	810	KGO	S9+15DB
610	KFRC	SF	830	KNCO	Fair (KSWB slop)
620	KMJC	Mt. Shasta CA	860	KTRB	Modesto (top KPAM)
630	KWRO/KIDD	Mix	910	KNEW	Oakland (top of KFXX)
640	KFI	LA (Fair)	930	KAGI	Grants Pass
650	KSTE	Rancho Cor. (Strong)	940	KWRU	Fresno (on top)
680	KNBR	S9+10DB	950	KAHI	Auburn (top of KJR)
690	XETRA?	Sports talk/uCBU	960	KABL	Oakland (Dominant)
700	KGRV/KSES	Mix	980	KINS	Eureka (dominant)
710	KFIA	CA (top of KIRO!)	990	KATD	Pittsburg (dominant)
720	KDWN/KFIR	mix	1000	KOMO	Seattle (weak S3)
740	KCBS	SF (Good)	1010	KIQI	SF (top of KGUY)
			1050	KTCT	San Mateo (dominant)
			1070	KNX	LA (very weak)
			1080	KOTK/KSCO	mix
			1090	KNCR/KYCW	mix

- | | | | |
|------|----------------------------|------|--------------------------|
| 1090 | XEPRS? (sounded SS under) | 1500 | KSJX San Jose (weak) |
| 1100 | KFAX SF (strong) | 1510 | KJQI San Rafael (weak) |
| 1110 | KLJB Roseville (fair) | 1530 | KFBK Sacramento (strong) |
| 1140 | KHTK Sacramento (strong) | 1550 | KYCY/KVAN mix |
| 1160 | KSL SLC (fair) | 1560 | KNZR/KIQS mix |
| 1170 | KLOK (dominant) | 1570 | KCVR Lodi CA |
| 1180 | KERI Wasco (Fair) | 1590 | KTIL/KLIV mix |
| 1190 | KEX/KDYA mix | 1600 | KUBA? (NOS format) |
| 1200 | KSRK Soquel (weak) | 1620 | KSMH Auburn (weak) |
| 1210 | KEBR Rocklin CA (dominant) | 1640 | KDIA Vallejo (weak) |
| 1220 | KSFB/KCCS mix (KKEE slop) | 1650 | KFOX Torrance (vy weak) |
| 1250 | KLLK Willits (fair) | 1660 | KAXW Merced (fair) |
| 1260 | KOIT SF (fair) | 1670 | KNRO Redding (fair) |
| 1270 | Mumble jumble | 1680 | KAVT Fresno (weak) |
| 1280 | Unid Talk (KUYL?) | 1690 | KSXX Roseville (fair) |
| 1290 | KPAY/KKSL mix | | |
| 1300 | KAPL-Phoenix OR | | |
| 1310 | KMKY Oakland (top) | | |
| 1350 | KSRO (dominant) | | |
| 1380 | KTKZ (dominant-KAST slop) | | |
| 1440 | KMED/KVON mix | | |
| 1460 | KRRS/KTXX mix | | |
| 1480 | KGOE Eureka | | |

As you will notice most of the CA X Banders were much weaker than the other lower freq. DX. Very interesting mid day cx. The best I have heard in a long time.

Patrick Martin, Seaside OR
Drake R8, EWE antenna

THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)
P.O. Box 60241, Lafayette LA 70596



The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). DX Monitor, the official publication of the IRCA, is published in "soft" form 40 times a year (weekly from September to April, twice monthly from May to August) and in printed form 35 times a year (weekly September to April, monthly May to August). DX Monitor contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

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Destination	SDXM	DXM	DXM+SDXM
USA	\$10	\$25	\$30
Canada & Mexico (group 2)	\$10	\$31	\$36
Western Europe (group 3)	\$10	\$45	\$50
Australia/NZ/Japan (group 4)	\$10	\$46	\$51
Rest of world (group 5)	\$10	\$43	\$48

TRIAL MEMBERSHIP TO USA-CANADA-MEXICO only: \$10 DXM, \$12 DXM/SDXM
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