



DX MONITOR

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International Radio Club of America

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IRCA welcomes back **David Malick** in Kensington MD. Seattle deadline is now Monday 6 PM PLT.

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IRCA ELECTIONS – Nick Hall-Patch – 1538 Amphion St – Victoria BC V8R 4Z6
E-mail: nhp@ieeee.org

Nominations for the IRCA 2015 Elections

IRCA members, it is time to think about who you would like to represent you as the next club President, Secretary-Treasurer and Board of Directors. Their terms will start on September 15th, 2015 per the IRCA Constitution, Article III, Section 5, Part 2. Nominations will be open for President, Secretary-Treasurer, and seven members of the Board of Directors from December 1st, 2014 through January 15th, 2015. Only one nomination each for President, Secretary-Treasurer, and only seven nominations for the Board, shall be allowed each IRCA member. An eligible member may nominate his or herself. All nominations must be submitted in written (e-mail) form to the ECC by January 15th, 2015. IRCA's Election Committee Chairman (ECC) is Nick Hall-Patch, who can be contacted via email at: nhp@ieeee.org

Nominations Are Open for the TVA and RHA for 2014-2015

Ted Vasilopoulos Award (TVA)

Ted Vasilopoulos was a charter member of IRCA who died in 1965, and was known for his high DX standards and contributions to the club. This award in his honor is presented to the IRCA member who has contributed the most to IRCA and the DX hobby during the past several years. The following persons have won the TVA in the last five years and are ineligible this year: **Nick Hall-Patch, Lee Freshwater, Richard Evans, Phil Bytheway** and **Bill Block**.

Ric Heald Award (RHA)

Ric Heald was an enthusiastic IRCA volunteer and contributor. In 1995, after his passing, the RHA was created to recognize the IRCA member who most benefited the club in a particularly noteworthy way during the previous year. The following persons have won the RHA in the last three years and are ineligible this year: **Mark Connelly, Kraig Krist** and **Mike Sanburn**.

All nominations, including a brief statement supporting the nomination, should be sent to Nick Hall-Patch, at nhp@ieeee.org

All nominations must be received no later than February 15 2015.

2014 CONVENTION TALKS

Mark Durenberger recorded and edited three of the four talks given at the recent IRCA convention in Billings. They include 1) **PATRICK MARTIN** on "A life of DX-ing;" 2) **PHIL BYTHEWAY** with Nick Hall-Patch's comments on 'miniaturizing' DXpeditions and on noise-reduction, as well as Phil's comments on computer performance, and 3) **LARRY GODWIN** talking about the beginnings of IRCA.

These three talks are available for download as a free service of IRCA, from www.dot-durenberger-dot-com

Oh: The fourth talk? Mark tells how he recruits new DXers, and reviews antenna performance including his success with the D-Kaz antenna. Mark forgot to record his own spiel :-))

IRCA Slogans List

Kraig Krist has agreed to take on the **IRCA Slogan's List**. Plan is to publish a new list early next year. Please send all updates to him at kg4lac@gmail.com.

CANADIAN RADIO NEWS – Dan Sys

E-mail: sysdan@gmail.com

CFCW-790 in Camrose, Alberta, now promises to move to 840 KHz in Summer 2015, six years after the change was applied for, in conjunction with CKKY-830 Wainwright AB (2013) and CKBA-850 Athabasca AB (2009) moving to FM. CFCW expects that this will resolve the current holes in night-time coverage in areas where KJRB-790 Spokane WA is frequently dominant. WHAS Louisville KY is currently the dominant station on 840, though a recent transmitter site rebuild at KXNT North Las Vegas NV sees the secondary directional lobe pointing at CFCW.

The announcement was a surprise to all of us here, as the construction permit has lapsed and at least one CFCW manager said she doubted it would ever happen. But there it was on the 60th Anniversary brochure published last month by the station. I picked up a copy of the brochure, quite by chance, a few days ago.

Jon Pearkins, Edmonton



WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Dec 19, Dec 26, Jan 2, Jan 9, Jan 16, Jan 23, Jan 30, Feb 6, Feb 13 and Feb 20. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (RB) **Rick Barton**-Box 1804-EI Mirage AZ 85335 desertmoon_dxshack@inbox.com
Grundig Satellit 750, Radio Shack 20-629, Hammarlund HQ-200, Slinky
- (BB) **Bill Block**-Prescott Valley AZ billblock@cableone.net
Drake R8
- (JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 John_Johnson@prodigy.net
Icom IC-R71A, Kiwa loop

- 580 KIDO **ID**, Nampa 12/10 0859 "580 KIDO" then traffic report. (BB-AZ)
- 620 KJOL **CO**, Grand Junction 12/10 0829 with weather report then at 0830 "Christian Radio KJOL." (BB-AZ)
- 680 KKYX **TX**, San Antonio 12/12 0821 with "KKYX" then into country music, way under KNBR. (BB-AZ)
- 740 KRTH **TX**, Houston 12/11 0800 with "Newsradio KTRH" then news, way under KCBS. (BB-AZ)
- 780 KCEG **CO**, Fountain 12/8 0832 with "KCEG" then country music, with KAZM off the air. KAZM came back on the air at 0846. (BB-AZ)
- 840 KXNT **NV**, N. Las Vegas 12/5 0107 male announcer to C2C – AM (George Noory) theme song, then faded out. (RB-AZ)
- 900 KFLP **TX**, Floydada 12/9 0805 with "This is Farm Station KFLP" then farm news. (BB-AZ)

- 920 KLMR **CO**, Lamar 12/7 0806 with "AM 920 KLMR." (BB-AZ)
 930 KSEI **ID**, Pocatello 12/8 at 1930 with "It's beginning to look a lot like Christmas, KSEI, Pocatello," then at 1937 "930 AM KSEI." (BB-AZ)
 950 KCAP **MT**, Helena 12/9 0854 with "KCAP Your News and Information Station." (BB-AZ)
 KDCE **NM**, Espanola 12/11 1823 with "KDCE Radio" and at 1830 "The best music is right here on KDCE Radio." (BB-AZ)
 KJTV **TX**, Lubbock 12/11 1847 "News Talk Sports 950 and 100.7." (BB-AZ)
 980 KSVU **UT**, Richfield 12/6 0005 end of local HS basketball game, local spots, "First Utah Bank, at 0018, good IDs x3, and returned to syndicated finance program. (RB-AZ)
 1080 KSCV **CA**, Santa Cruz 12/5 2245 "Dinuba High," HSF. Good until fading completely out, leaving unID Spanish language station on the channel. (RB-AZ)
 1090 KVOP **TX**, Plainview 12/8 0740 with farm talk then at 0742 "The Mighty 1090 Farm Radio," then local spots. (BB-AZ)
 1120 KANN **UT**, Roy 12/6 1011 fiery preacher preaching. This station usually one of the first to disappear at local sunrise. Not today. Fair & steady. (RB-AZ)
 1140 KGEM **ID**, Boise 12/6 1020 emerging from the mess, male announcer repeating x3 "EWTN." KGEM only thing that fits, but I've never logged it this late in the day. Unusual conditions this morning. (RB-AZ)
 1160 KSL **UT**, Salt Lake City 12/6 1011 two male co-hosts on talk show, with LOCAL quality signal well after daybreak here. Still with good signal at 1110 recheck with local weather. (RB-AZ)
 1270 KINN **NM**, Alamogordo 12/8 0849 with "1270 KINN." (BB-AZ)
 1300 KROP **CA**, Brawley 12/10 with XEP nulled, 0034 with KROP calls during promos. (JCJ-AZ)
 1320 KFZV **UT**, Salt Lake City 12/6 1120 sports talk, some splash from local KIHP. (RB-AZ)
 1350 KTIK **ID**, Nampa 12/7 1901 with "KTIK 93.1 The Ticket." (BB-AZ)
 KTDD **CA**, San Bernardino 12/7 2000 with "Fox Sports 1350 KTDD San Bernardino." (BB-AZ)
 1380 KTKZ **CA**, Sacramento 12/6 0720 break from replay of Michael Medved program, string of local spots. Very good with some deep fades for a short time. "AM 13-80, The Answer." (RB-AZ)
 1430 KLO **UT**, Ogden 12/7 1106 "World Class Talk Radio, KLO," male announcer just after end of newscast and spots. I'd left the radio on after fadeout before the hour and the signal suddenly came up at this point. (RB-AZ)
 1600 KTUB **UT**, Centerville 12/5 2335 string of local spots in Spanish to Mexican music. Good, over/under KYBC Christmas music. (RB-AZ)
 1630 XEUT **BCN**, Tijuana 12/9 0033 with "XEUT" ID. (JCJ-AZ)
 1650 KBJD **CO**, Denver 12/12 0030 with "KBJD Denver" ID in English during Spanish programming. (JCJ-AZ)

UNID

- 1140 UnID 12/6 1015 "Lady Willpower" (Gary Puckett & Union Gap) coming up out of the mess, well after daybreak here. (RB-AZ)

Thank you to our three Arizona reporters this week! – Nancy 8/25 2100



CENTRAL DX ROUNDUP – John C Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
 E-mail: John_Johnson@prodigy.net CDXR reports ONLY: cdxr@ircaonline.org

RIDING GAIN

- [EB-MO] **Eric Bueneman**, Hazelwood MO **N0UIH**Eric@aol.com
 GE Superadio III, Yaesu FRG-7, Worcester Space Magnet II.

DOWN THE DIAL

- 930 WLLL **VA**, Lynchburg. 12/11 good to poor mixing with WGAD, WTAD, WKY and WWON. 0259 with Urban Gospel music, "Gospel Nine-30" ID. [EB-MO]
 1270 WQXR **TN**, Portland. 12/5 fair to poor signal, mixing with WKBF, WXGO. 0519 noted with "This is 12-70 AM and 95-point-9 FM, WQKR, and streaming online at..." ID into Oldies format. [EB-MO]
 WXGO **IN**, Madison. 12/5 fair to poor signal, mixing with WKBF. 0516 noted with Oldies format. "12-70 WXGO" ID in promo, local spot. [EB-MO]
 1580 KREL **CO**, Colorado Springs. 12/11 fair to poor signal, mixing with CKDO and other stations. 0247 noted with "KREL Colorado Springs" legal ID into a talk program. [EB-MO]
 1600 KRVA **TX**, Cockrell Hill. 12/11 good to fair signal over WAOS in KATZ null. 0252 noted with Christian vocal music and Dallas/Fort Worth Metroplex spots in Vietnamese. [EB-MO]

25 YEARS AGO

December 17, 1988 issue of IRCA's "DX Monitor" ... New members included **Nigel Pimblett** of Medicine Hat, AB ... **Tom Laskowski** of South Bend, IN managed to log 4 New Jersey stations in just one week ... **Randy Tomer** of Eureka, CA wanted to purchase a Sony SRF-M40W only to find his local Sony dealer had sold their last one earlier ... **Gary Larson** of Burbank, CA was trying to find the local free publication "Radio Guide Magazine" with no luck.

OPEN MIKE

Eric Bueneman mentioned his total heard from Hazelwood is now up to 1,556. Very impressive Eric! We are nearing the end of 2014 so it is time to remind everyone that CDXR reports are to be submitted in proper format with correct main details included (frequency, call, state, city, date, time) with an e-mail subject line mentioning the report is for CDXR. Reports not following format may be tossed. Material may be edited to fit or to correct spellings. Deadlines are Friday afternoons. Nancy and I edit our columns on Friday evening to allow the weekends to be free. This column was typed 12-12-15. 73, John

EASTERN DX ROUNDUP – Eric Bueneman (N0UIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
 E-mail: n0uiheric@aol.com DEADLINES: Thursday 2000 ELT

TUNING THE DIALS THIS ISSUE:

- (KK-VA) **Kraig Krist** (KG4LAC), Manassas VA
 Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop
 (JJR-MI) **John J Rieger**, L'Anse MI
 Grundig Satellit 750 with stock antenna

ACROSS THE DIAL

- 670 WWFE **FL**, Miami – 12/5 1834 noted with "This is WWFE 670 AM Miami" legal ID in English by a male announcer. The signal was noted mixing with WSCR, Radio Rebelde (CMQ – eb) and an unidentified station with an Oldies format. (KK-VA) (Kraig, your unID with Oldies could be WMTY Farragut, TN – eb)
 680 WKAZ **WV**, Charleston – 12/5 1659 noted with "WKAZ AM Charleston and W237AZ 95.3 Charleston. A West Virginia Radio Corporation Station" legal ID by a male announcer. The signal was noted mixing with WCBM, WPTF and unidentified stations carrying sports talk and Christian teaching. (KK-VA) (Kraig, your unidentified sports talker could be WCNN North Atlanta, GA; a little early for WMFS Memphis TN – eb)
 1030 KBUF **KS**, Holcomb – 12/8 0800 noted with PSA mentioning SW-Council-dot-com, Agricultural feature, legal ID, ABC news, call letters, time check, news stories with mention of Garden City and Dodge City. A poor signal was noted; over an unidentified station for a while. NEW! (JJR-MI)
 1120 WKAJ **NY**, Saint Johnsville – 12/6 1753 noted with "WKAJ AM 1120" ID and "School's Out" by Alice Cooper. A poor signal was noted with no sign of KMOX. (JJR-MI)
 1150 CJSL **SK**, Estevan – 12/5 0814 noted with mention of Discover Saskatchewan-dot-com in a nice fade up. I finally heard this one; have not heard since! A fair signal was noted over WHBY, KOC. (JJR-MI) (This has moved from 1280 kHz – eb)
 1230 KGHS **MN**, International Falls – 12/6 0833 noted with "Good Time Oldies, 1230 Radio KGHS" ID. A poor signal was noted in a tight null. (JJR-MI)
 1230 KTRF **MN**, Thief River Falls – 12/6 0900 noted with legal ID mentioning the AM and an FM on 94.1 (licensed to Red Lake Falls MN – eb) into CBS News. A poor signal was noted in the mess. (JJR-MI)
 1250 KCUE **MN**, Red Wing – 12/6 1816 noted with Red Wing vs. Mankato hockey game, sponsored by Walt's Shoe Service on Fourth Street in Red Wing. A poor signal was noted. (JJR-MI)

- 1300 KOLY **SD**, Mobridge – 12/6 1006 noted with “18 in Mobridge at 1300 KOLY” mention. A poor signal was noted in a tight null. (JJR-MI)
 1330 CFYM **SK**, Estevan – 12/5 0801 noted with mention of “with the RCMP in Rosetown...” Never in this loud! A fair signal was noted, but lost to WHBL. (JJR-MI)
 1430 KRGI **NE**, Grand Island – 12/6 1006 noted with ABC News, ad for Midwest Restaurant Supplies in Grand Island and call letters. A poor signal was noted. (JJR-MI)
 1430 WRDN **WI**, Durand – 12/8 0718 noted with “for WRDN News” mention and ad for Wabash Discount Market. A poor signal was noted; in with two or three others. (JJR-MI)
 1460 WKAM **IN**, Goshen – 12/5 1900 noted with legal ID for WKAM and WHLY 1580 South Bend, into Spanish programming. A poor and steady signal was noted with no sign of CJOY. (JJR-MI) (The NRC Log lists 1580 South Bend as WHLY; they dropped the WJVA calls years ago – eb)
 1460 WHIC **NY**, Rochester – 12/5 0835 noted with Roman Catholic Mass from EWTN Global Catholic Radio. A poor signal was noted with no sign of KXNO. (JJR-MI) (John, EWTN is also carried on KHOJ Saint Charles MO – eb)
 1460 WBNS **OH**, Columbus – 12/5 0900 noted with “WBNS, WBNS-FM HD2 Columbus” legal ID into ESPN Sports Center. A poor signal was noted in a nice fade-up. (JJR-MI)
 1520 KSIB **IA**, Creston – 12/6 0913 noted with “NBC Sports Radio on AM 1520 KSIB AM Creston, Iowa” legal ID. A poor signal was noted; alone on the channel. (JJR-MI)
 1580 KREL **CO**, Colorado Springs – 12/9 0816 noted with weather forecast, calls and Fox Sports Radio. A poor signal was noted with no sign of CKDO. (JJR-MI)
 1580 WHLY **IN**, South Bend – 12/7 1737 noted with “La Raza” ID and bouncy music in Spanish. A poor signal was noted over others with no sign of CKDO. (JJR-MI) (John, the NRC Log lists this as a Regional Mexican format, so they play a variety of Mexican popular music – eb)
 1600 KPNN **MN**, Watertown – 12/9 0750 noted with programming in the Hmong language. A fair signal was noted; the signal was absolutely un-nullable. (JJR-MI)

UNIDENTIFIED

- 660 12/5 1654 noted with the number Zero (----) sent in Morse Code. The signal was noted mixing with WFAN, Radio Rebelde (CMBC – eb) and an unidentified station carrying talk in Spanish. (KK-VA)
 690 12/5 1657 noted with tones or a long Morse Code dash. The signal was noted mixing with CKGM, WZAP, WOKV and unidentified stations carrying Fox Sports Radio, Oldies and Spanish. (KK-VA) (Kraig, your Fox Sports Radio station is WJOX Birmingham AL; your Oldies station could be WELD Fisher WV. Your unidentified Spanish station could be either WADS Ansonia CT or, a long shot KOAQ Terrytown NE – eb)

EDITOR'S NOTES

Thanks to John and Kraig for their contributions this week. Have a very Happy Holiday season!
 73 and good DX from NØUIH

DX WORLDWIDE – WEST – Patrick Martin – PO Box 843 – Seaside OR 97138
E-mail: mwdxer@webtv.net all times UTC

Deadline Monday's noon PLT. All times UTC/GMT.

TRANS PACIFIC DX ROUNDUP

No DX to report

PAN AMERICAN DX ROUNDUP

- 610 **MÉXICO**, XEGS, Guasave, Sin. 1312 12/5, Radio Viva ID, federal PSAs, 1216 mentions Culiacán, loops SW. So the usual XEGS Guasave, Sinaloa, using the Chávez group slogan not appearing in the listings, but here: http://www.chavezradiocast.com/?page_id=433. At this time probably //650 XETNT. Some CCI from another 610 SS further east, probably XEBX Sabinas, Coah. Can't say I've ever heard the official name of XEGS, “La Ley”. (GH-OK)
 1510 **MEXICO**, XEQL. 0228 12/10, recitation with music background, outtroed as “barras de Carranza” with audience approval, then a real song as signal fades vs WLAC. Had looped toward Monterrey so again assuming it's XEQL as I still await a definite ID. (GH-OK)

THANKS TO THIS REPORTER

GH-OK **GLENN HAUSER**, Enid OK
 Mostly DX-398 with internal antenna only or Sony SRF-59

GRAYLAND 2014 DXPEDITION

October 18-19 2014

Messrs. **Nick Hall-Patch, Chuck Hutton, Bruce Portzer, and Tom Rothlisberger**

Hutton Comments

Japan: conditions to Japan were good 18 October – as good as they have been in several years. A piece of distinctive, penetrating music led me to check all NHK1 stations at 1410. Between that music and a few other moments, 37 of the 41 NHK1 frequencies were heard. Unheard this time: 621, 684, 981, 1323. Perhaps most infrequently heard: 990 and 999. Some 13 frequencies were noted with the All Night Nippon program including the not-often-heard 738 and 1431. Of course lots of NHK2's were heard, but I didn't write up most of them.

Taiwan: heard on 711, 738, 855, 882, 891, 1044 (tentative), 1143, 1161, 1296 and 1557. 882, 891 and 1296 are new to me at Grayland, I think.

Philippines: heard on 666, 774, 837, 846, 855, 882, 918, 954, 972, 1026, 1062, 1152, 1161 and 1314. New to me at Grayland: 837, 882, 918, 954, 972, 1152 and 1161.

South Korea: heard on 558, 567, 603, 657, 711, 756, 774, 819, 855, 864, 891, 900, 918, 927, 945, 972, 1008, 1035, 1044, 1062, 1080, 1107, 1134, 1170, 1188, 1386 and 1467. New to me: 657, 774, 927 and 945.

Australia: yes, Australia. Rather oddly, the ABC news fanfare was heard on 1269 (Busselton, 5 kW). This is about as far as an Australian can get from Grayland as it's right at 7000 miles.

Antennas:

18 Oct: a puny 936 foot Beverage. In the night of the 19th, a deer cut the Beverage and coax so we used a phased array of deltas. (Watch out next year, Bambi.... Anyone want to buy some venison sausage?)

18 and 19 Oct: Wellbrook phased array with two Delta loops separated by 40m, base 15m, about 50cm above the ground, height 5m above the base. Clifton Laboratories high gain Z10046a preamp.

Radios:

Hall-Patch	NetSDR, AR7030, SDR14
Hutton	Perseus x 2
Portzer	WinRadio Excalibur
Rothlisberger	Perseus

LOGS

- 531 **JAPAN**, JOQG, Morioka, NHK1. Good w/man in Japan //594 1058 10/18; 2 men sports broadcast? Good //567 585 594 639 666 675 729 891, all with varying degrees of good quality signal. As the morning wore on, the NHK1 signals deteriorated. (NHP)
 +1300 10/18. Pips, then NHK news //594. (bp)
 +1300 11/18. Fair with music //594. (CH)
 540 **JAPAN**, NHK1 synchros. 1200 10/18. //531 poor to fair u/CBK, men in Japanese, noted both Chinese and NHK pips on hour. (NHP)
 +1410 10/18. Poor. (CH)
 540 **UnID**. 1400 10/18. 5+1 and 3+1 pips, probably CNR+NHK1 u/CBXQ. (bp)
 549 **AUSTRALIA**, 2CR, Orange. 1400 10/19. Poor ABC fanfare. (CH)
 549 **JAPAN**, JOAP. Naha, NHK1. 1400:11-1401 and 1500 10/19. Poor, //594. (CH)
 558 **JAPAN**, JOCR, Kobe. 1158 10/18. Animated group talking in Japanese. (bp)
 +Fair with talk on top of South Korea 1314 10/18. (CH)

558 **REP KOREA**, HLQH, Yeong-il, KBS2. 1500 10/18. Pips //603, fair to good, KBS jingle and mention by woman, pips on hour, into soft music. (NHP)

567 **JAPAN**, JOIK, Sapporo, NHK1. 1400 10/18. Fair with TOH NHK ID. (CH)
+1405 10/18. Good with news //594, then split off for local news. (bp)

567 **REP KOREA**, HCLKF, Jeonju, KBS1. Fair, mixing with Japan 1313 10/18. (CH)

570 **HAWAII**, KQNG, Lihue. 1329 10/19. Reggae type island song, "FM 93-5, AM 570 Kong" ID. (bp)

576 **JAPAN**, JOHG, Kagoshima. 1500 10/19. Very poor NHK //594. Nothing else on the channel. (CH)

576 **RUSSIA**, Khabarovsk, Radio Rossii. 1410 10/18. Announcements in Russian, a couple of Radio Rossii IDs. (bp)
+1410 10/18. Fair with Radio Rossii ID. All alone. (CH)

585 **JAPAN**, JOPG, Kushiro, NHK1. 1255 10/18. Good //594, then split off for local program w/mentions of Hokkaido. (bp)
+1410 10/18. Fair with music //594. (CH)

590 **HAWAII**, KSSK, Honolulu. 1327 10/19. Dominant with pop songs and ID. (bp)

594 **JAPAN**, JOAK, Tokyo, NHK1. 1300 10/18. Pips, man mentioned "NHK News desk" then news o/weak unid. (bp)

603 **JAPAN**, JOOG/JOKK, Obihiro/Okayama, NHK1. 1410 10/18. Poor music //NHK. (CH)

603 **REP KOREA**, HLSA, Seoul, KBS2. 1157 10/18. Pop songs, woman in Korean with "KBS Je-I Radio, Happy FM" ID, Korean talk, then a couple of "KBS Happy FM" jingles just before 1200 pips, quite good. (bp)

612 **AUSTRALIA**, 4QR, Brisbane. 1400 10/19. Poor ABC fanfare. (CH)
+1407 10/19. Aussie talk weak. (bp)

612 **JAPAN**, JOLK, Fukuoka, NHK1. 1410 very poor music //NHK. (CH)
+1424 10/18. Female pop song //594. (bp)

621 **AUSTRALIA**, 3RN, Melbourne. 1400 10/19. Poor ABC fanfare. (CH)

621 **CHINA**. 1228 10/18. Echoy Chinese woman o/u NK, probably Heilongjiang. (bp)

621 **DPR KOREA**, Chongjin, Pyongyang Bangsong, VOK. 1200 10/18. VOK IS in the splatter. (bp)
+1400 10/18. A little over 20Hz low? Martial music poor to fair //much stronger 657. (NHP)
+On 621.976 1414 10/18. Poor. (CH)

621 **UnID**. 0724 10/19. Island vocals poor to fair, possibly Tuvalu. (NHP)

630 **ALASKA**, KJNO, Juneau. 1400 10/18. Strong legal ID w/China pips & talk in background. (bp)

630 **AUSTRALIA**, 4QN, Townsville. 1400 10/18. Man in DU English, ABC fanfare; fighting with announcement about Seattle Seahawks, into ABC news, good to very good, often dominating the channel. (NHP)
+(...and maybe some of 2PB Sydney) 1400 10/19. Poor-fair ABC fanfare. (CH)

630 **CHINA**, CNR2 various. 1407 10/18. Chinese woman dominant. (bp)
+1407 10/18. Fair-good Chinese. (CH)

639 **CHINA**, CNR1 various. Fair 1418 10/18. (CH)

639 **JAPAN**, JOIP, Oita, NHK1. Poor 1410 10/18 with distinctive music //594. (CH)
+1419 10/18. Song //594. (bp)

639 **JAPAN**, JOPB, Shizuoka, NHK2. 1440 10/18. Faint piano //774, maybe NA at 1540 too. (bp)

639 **JAPAN**, JOIP, Oita/JOPB, Shizuoka. 1440 10/19. Poor mix of the two, //594 and 774. (CH)

648 **JAPAN**, Okinawa, AFN Surf 648. 1426 10/19. Poor English, 1429 country music, 1429 TC as 9 minutes to 9 makes no sense. (CH)

648 **JAPAN**, JOIG, Toyama, NHK1. Fair 1410 10/18 with distinctive NHK music. (CH)
+1422 10/18. Man & woman //594. (bp)

648 **UnID**. 1411-1420 10/19. Pop songs, English-sounding announcer, doesn't fit listed program for the Aussie. AFN?? (bp)

648.064 **UnID**. 1316 10/18. Poor carrier, no audio. (CH)

650 **HAWAII**, KPRP, Honolulu. 1324 10/19. Filipino pop standards, KPRP IDs, "Pinoy Power" slogan, local ads in English & Filipino, very dominant. (bp)

657 **AUSTRALIA**, 2BY, Byrock. 1400 10/19. Poor ABC fanfare. (CH)

657 **DPR KOREA**, Kangnam, Pyongyang Pangsong. 1200 10/18. Big, martial music, woman mentioning Pyongyang, pips but ABC fanfare underneath crept through in dead air, 2BY? (NHP)
+1359 10/18. Notably strong with a good signal. (CH)
+1400 10/18. Possible ID by woman, pips, chorus, talk o/UnID. (bp)

657 **REP KOREA**, HLKM, Chuncheon, KBS1. 1359:51 10/18 with perfectly timed call ID in a sort silence from NK. (CH)

666 **JAPAN**, JOBK, Osaka, NHK1. 1312 10/18. Good level. (CH)
+1405 10/18. News //594, pause, then local news, Osaka mentioned. (bp)

666 **PHILIPPINES**, DZRH, Manila. 1423 10/19. Phone talk in Filipino on 665.9, peaking 1424. (bp)
+On 665.920 fair 1424 10/19 with teletalk, bunches of English words interspersed. (CH)

675 **JAPAN**, JOVK/JOUG, Hakodate/Yamaguchi, NHK1. 1400 10/18. Poor with NHK News ID. (CH)
+1422 10/18. Man & woman //594. (bp)

675 **VIETNAM**, My Van, VOV1. Poor 1500:40 10/19. Their distorted transmitter of recent years seems fixed. (CH)

684t **JAPAN**, JODF, Morioka. 1431 10/18. Male talk in Japanese, not //594, therefore it was JODF. (bp)
+1448 10/18. Poor with Eagles song parallel the All Night Nippon network. (CH)

693 **JAPAN**, JOAB, Tokyo, NHK2. 1400 10/18. Japanese discussion running across ToH with no time pips, possibly a weak UnID in background but too much CBU splatter to tell more. (bp)

702 **AUSTRALIA**, 3RN, Melbourne. 1400 10/19. Poor ABC news ID. (CH)

702 **CHINA**. 1349 10/18. Woman in Chinese mixing w/NK/NHK2. (bp)

702 **DPR KOREA**, Chongjin, Pyongyang Bangsong, KCBS. Poor, //720 1450 10/18. (CH)
+1506 10/18. Female choral music //657, poor to fair. (NHP)
+1542 10/18. Female operatic u/NHK music box 1542 //819, mixing w/woman in Chinese. (bp)

702 **JAPAN**, JOKD/JOFB, Kitami/Hiroshima, NHK2. 1100 10/18. Man in Japanese fair //693 o/N Korea. (NHP)
+Notably good at 1312 10/18. (CH)
+1540 10/18. Signoff with "NHK Dai Ini Hosu Des" ID, no call letters given, then NA. (bp)

705 **LAOS**, Luang Prabang. Just barely there and poorer than other years 1413 10/18. (CH)
+Carrier 1329, haven't found any audio so far. (bp)

711 **REP KOREA**, HLKA, Seoul, KBS1. 1359:45 10/18. Announcement by woman mentioned AM & FM freqs and KBS. "HLKA" ID at the end, then pips & "KBS Je-il Radio" ID good o/Taiwan and roughly the same strength as KIRO-710. (bp)
+1400 10/18. HLKA ID by woman, pips. Korean talk by woman, strong, but stronger domestic splash. (NHP)
+Fair or better with HLKA call letter ID 1400 10/18. (CH)

711 **TAIWAN**, Hsinfeng, Han Sheng. 1154 10/18. Woman in Chinese o/man Korean, equal to KIRO, 1412 woman talking, "Kuanghai Guangbo Dientai" ID. (bp)
+Fair 1300 10/18 with end of TOH fanfare. (CH)

720 **CHINA**, CNR2. 1409 10/18. Woman //630 mix w/KDWN/DPRK. (bp)

720 **CHINA**, Beijing, CNR Zhongguo Xiancun. Fair with "Zhongyang Renmin Guangbo Diantai Zhongguo Xiangcun... Guangbo" ID 1412:53 10/18. (CH)
+1428 10/18. Chinese talk not //630, possible Zhongguo Xiancun?? mention 1430. (bp)

720 **DPR KOREA**, Kanggye, Pyongyang Bangsong, KCBS. 1420 10/18. Absolutely at good level owning the channel. (CH)

729 **JAPAN**, JOCK, Nagoya, NHK1. Fair-good at 1402 and 1412 10/18. (CH)
+1420 10/19. Interview //594. (bp)

729 **VIETNAM**? Dong Hoi. 1425 10/18. Phone talk, female host in what sounded like Vietnamese. (bp)

729 **UnID**. Carrier on 729.041 1443 10/18. (CH)

738 **JAPAN**, JOLR, Toyama, KNB. 1448 poor Eagles song parallel to the All Night Nippon net. (CH)

738 **TAIWAN**, Baisha, BEL2. 1300 10/18. Taiwan //1143, man talking, fair, in splash. (NHP)
+Fair 1312 10/18. //1143. Later it took turns with South Korea and China. (CH)
+1424 10/19. Good, //1143. (CH)
+1425 10/19. Chinese woman talking //1143 good at times, various announcements at 1430. (bp)

- 740 **HAWAII**, KCIK, Kihei. 1400 10/19. Various announcements, "Immaculate Heart Radio, KCIK Kihei, Maui" ID, dominant, then "Saint of the Day" feature. (bp)
- 747 **UnID**. 1408-1411, 1420 and 1422 10/18. Poor American sounding r&b/pop. One of the Filipinos I guess. (CH)
- 756 **CHINA**, CNR1. 1300 10/18. Pips, Chinese talk, ID u/Korea, same thing 1400. (bp)
- 756 **JAPAN**, JOGK, Kumamoto, NHK1. 1410 10/18. Distinctive music parallel NHK1. (CH)
- 756 **REP KOREA**, HLKA, Yeosu, KBS1. 1200 10/18. HLKA ID, 3+1 pips, announcement by woman mentioning KBS, then news. Same thing 1300 & 1400. (bp)
- +1331 10/18. Fair //864. 1400 poor KBS ID. (CH)
- +1400 10/18. HLKA ID by woman o/Chinese pips; CNR1 theme music as HLKA faded 30 seconds later. (NHP)
- 760 **HAWAII**, KGU, Honolulu. 1300 10/19. "Hawaii's Business Authority, KGU, Honolulu" ID, then SRN news dominant. (bp)
- 765 **JAPAN**. 1212 10/18. Woman in Japanese o/unid music, JOJF or JOPF. (bp)
- +1448 10/18 with Eagles song parallel to All Night Nippon. Either YBS or KRY. (CH)
- 774 **JAPAN**, JOUB, Akita, NHK2. 1540 10/18 and 1520 10/19. S/off with "JOUB, NHK Akita Dai-ini Hosode" ID, then NA & chimes very good o/unid Chinese. (bp)
- 774 **PHILIPPINES**, DWWW, Manila. Poor 1411-1413 10/19 with Tagalog talk, 1412 seems poor dwww.com mention, 1459 almost fair under NHK, 1500-1505 poor under NHK. (CH)
- +1413 10/19. Tentative on 774.025, woman talking, pop songs, man 1419, too much JOUB QRM to tell much more. (bp)
- 774 **REP KOREA**, HLAN, Chuncheon. 1359:51 10/18. Poor with MBC chimes. (CH)
- 783 **CHINA**, Baoding, Hebei RGD. 1400 10/18. Pips, "Hebei Shenghuo guangbo" ID. (bp)
- +Fair 1400 10/18 with Hebei Guangbo IDs. (CH)
- 792 **AUSTRALIA**, 4RN, Brisbane. 1400 10/18. ABC fanfare faded up after weak pips. (NHP)
- +1400 10/19. Fair with ABC news. (CH)
- +1400 10/19. ABC news by woman. (bp)
- 792 **CHINA**. 1430 10/18. 2 stations in Chinese, one w/nonstop male talk, the other had woman with flute music in background. (bp)
- 792 **JAPAN**, NHK1 various. Very poor with distinctive music parallel NHK1 1420 10/18. (CH)
- 800 **ALASKA**, KINY, Juneau. 0412 10/18. Several ads, jingle ID, satellite oldies show. (bp)
- 801 **GUAM**, KTWG, Agana. 1401 10/19. Poor with modern Christian music, 1432-1435 fair and sometimes better with more religious music. (CH)
- 801 **UnID**. 1359-1435 10/19. EZL (Christian?) vocal songs, nonstop, KTWG? (bp)
- 810 **RUSSIA**, Razzdol'noe, Radio Rossii. 1249 10/18. Female operatic //576 u/KGO. (bp)
- +Not quite at fair level under KGO 1300 10/18. (CH)
- +1400 10/18. Fair strength after 6 pips, woman in Russian u/KGO //576. (NHP)
- 819 **DPR KOREA**, Pyongyang, KCBS. 1400 10/18. Man with "jung-ang pangsong inmda" ID, 3+1 pips, woman in Korean, then rousing chorus o/UnID Chinese station. (bp)
- +1400 10/18. Steel guitar and orchestra //873; "?? Pangsong inmda" announcement, pips on hour; good strength; woman u/w/NHK style pips on hour was not NHK1. (NHP)
- +Fair to almost good 1412 10/18. (CH)
- 819 **JAPAN**, JONK, Nagano, NHK1. 1410 10/18. Poor distinctive music //NHK1. (CH)
- 819 **REP KOREA**, HLCN, Gwangju. 1500 10/18 with very poor MBC chimes. (CH)
- 828 **AUSTRALIA**, 3GI, Sale. 1400 10/19. Very poor ABC news. (CH)
- 830 **HAWAII**, KHVH, Honolulu. Good and dominant on channel 0900 10/19. "Newsradio 830, KHVH Honolulu" ID. It's like a game of musical call signs since I last checked Hawaiian stations... which was quite some time ago, familiar call signs, different channels. (NHP)
- 837 **JAPAN**, JOQK, Niigata, NHK1. Normally a poor level station but 1312 and 1410 10/18 at fair or better level //NHK1. (CH)
- +1400 10/19. Pips then woman in Japanese //594. (bp)
- 837 **PHILIPPINES**, DYFM, Iloilo City. Assumed as the Filipino heard 1439 10/19. Doesn't seem parallel to 1026. (CH)
- 846 **JAPAN**, NHK1 various. Poor distinctive music //594 at 1410 10/18. (CH)
- +1413 10/19. Man //594 mixing w/DZRV. (bp)
- 846 **PHILIPPINES**, DZRH, Quezon City, Radio Veritas. Almost fair with a religious program with many English words 1414 10/18. (CH)
- 846 **PHILIPPINES**, DZRV, Manila. 1414 10/19. Woman in Filipino w/some English words during religious talk. Psalm 106, Book of Kings, etc. mentioned. (bp)
- +Fair+ Tagalog religious program with English words mixed in 1427 10/19. (CH)
- 855 **AUSTRALIA**, 4QO, Eidsvold. 1300 and 1400 10/19. Poor with ABC news. (CH)
- 855 **PHILIPPINES**, DXZH, Zamboanga City. Assumed with fair talk 1433-1434, poor talk 1440-1442, and fair+ talk 1456-1458. I couldn't get 666 for a parallel 1440-1442 but 855 seemed to have the same male as heard at 1443 on 666. DXGO also relays 666, but they are supposed to be off at 1400 on Sunday. (CH)
- 855 **REP KOREA**, HLCX, Jeonju. 1400 10/18 with poor MBC chimes. (CH)
- +1459:56 10/19. Poor MBC chimes. (CH)
- 855 **TAIWAN**, Hualian, BED27 BCC. 1500:04 a few notes of the BCC chimes seemingly but very poor. (CH)
- 855.046 **DPR KOREA**, Sangwon, Pyongyang Bangsong. On 855.046 with poor audio 1318 10/18. (CH)
- 864 **JAPAN**, JOPR, Fukui, FBC. Poor with Eagles song and beginning of next song parallel All Night Nippon. 1448 10/18. (CH)
- 864 **REP KOREA**, HlKR, Gangneung, KBS1. Fair at 1330 10/18, possibly the best KBS at the time. (CH)
- +1400 10/18. Music //711 before hour woman saying "HLT" or "HLC" ???, certainly not "HLKA" or local call letters. Heard this on other regional KBS1 stations also. Pips on hour plus who knows what else. (NHP)
- 864 **UnID CHINA**. 1513 10/18. Woman in Chinese. (bp)
- 864 **UnID**. 1429 10/19 with what seems to be an NA, poor. (CH)
- 873 **DPR KOREA**, Sinuiju, KCBS. 1359 10/18. Fair ID. (CH)
- +1400 10/18. Steel guitar and orchestra //819; exactly the same ID as 819. Pips on hour; very good w/JOGB taking up the rear. (NHP)
- 882 **JAPAN**, JOPK, Shizuoka, NHK1. 1445:40 10/18. Poor in 2 kHz LSB to avoid 880 and 882.4, //594. Also at 1449. (CH)
- 882 **PHILIPPINES**, DWIZ, Valenzuela, Todong Lakas! 1417 10/18. Fair with ad and ID, some English words. (CH)
- +1318 10/19. Fair with call letter ID in English then phone numbers. (CH)
- +1418 10/19. Ad in English, DWIZ ID, then phone talk show with host mentioning several numbers to call. (bp)
- 882 **TAIWAN**, Hsinchu, BEG77. 1500 10/19. Poor BCC chimes. (CH)
- 882.4 **DPR KOREA**, Wonsan, KCBS (Joseon Jung-ang Pangsong). 1440 10/18. //819, poor. (CH)
- 891 **AUSTRALIA**, 4TAB, Townsville. 1400 10/19. Poor+ horse racing. (CH)
- 891 **AUSTRALIA**, 5AN, Adelaide. 1320 10/19. Sports. (bp)
- 891 **JAPAN**, JOHK, Sendai, NHK1. 1448 10/18. Fair to almost good //NHK1. (CH)
- 891 **REP KOREA**, HLKB, Busan, KBS1. 1421:08 10/19. Man //864. (CH)
- 891 **TAIWAN**, Chigu, BED24 BCC. 1500 10/19. Poor with BCC chimes. (CH)
- 900 **HAWAII**, KMVI, Kahului. 1400 10/18, "you're listening to Maui ESPN, AM-9 hundred, KMVI, Kahului", full service ID; 1300 10/19 flash flood warning for Maui; then into ESPN. (NHP)
- +1330 10/19. Ads, ID, ESPN. (bp)
- 900 **JAPAN**, JOHO, Hakodate. 1207 10/18. Spencer Davis Group //1287. (bp)
- 900 **REP KOREA**, HLKV, Seoul. 1400 10/18. Poor MBC chimes. (CH)
- 900 **UnID JAPAN**. 1258 10/18. Japanese talk across ToH. (bp)
- +1300 10/18. Japanese announcements, jazz earlier, dominant. (bp)
- 909 **CHINA**, Quanzhou. CNR6. Fair 1536 10/18 //1089 w/piano music. (NHP)
- 909 **JAPAN**, JOCB, Nagoya, NHK2. 1159 10/18 //774, fair w/flute music, pips, man in Japanese. (NHP)
- +1417 10/18. Fair or better, //NHK2. (CH)
- 909 **JAPAN**, JOVX, Abashiri, STV. 1159 10/18. //1440 woman and man carrying on, poorer strength. (NHP)
- +Poor 1311 10/18. //1440. (CH)
- +1449 10/18. Male singing //1440. (bp)

918 **JAPAN**, JOPN/JOPM, Iwakuni/Shimonoseki. 1448-1449 10/18. //765 so must be KRY with All Night Nippon. (CH)
918 **PHILIPPINES**, DZSR, Manila. Likely the poor+ Filipino at 1417:40 10/19. The other Filipino (DXRS) is 5 kw. (CH)
918 **REP KOREA**, calls unknown, Yeoncheon, KBS1. 1318 10/18. Poor //864. (CH)
918 **UnID JAPAN**. 1424 10/19. Woman in Japanese. (bp)
927 **JAPAN**, NHK1 various. 1331 and 1419 10/18. Poor. //594. (CH)
927 **REP KOREA**, KBS1 various. Poor 1331:30 10/18. (CH)
927 **UnID**. Poor carrier on 926.929, no audio at 1330 10/18. (CH)
930 **ALASKA**, KTKN, Ketchikan. 1410 10/18. Strongest signal on the dial for a few minutes. (bp)
936 **CHINA**. 1400 10/19. Anhui?, possible ID then pips, musical flourish & Chinese talk, much KTKN-930 splash. (bp)
936 **JAPAN**, JOTR/JONF. Poor 1448 10/18 with Eagles song parallel the All Night Nippon net. (CH)
940 **HAWAII**, KKNE, Waipahu. 1340 10/19. Music, ID, ads. (bp)
945 **CHINA**, Jiaohe, CNR1. 1559 10/18. Slow singing by male, fair to good, fading towards hour, mix of Chinese pips and NHK style pips on hour. At 1602, Chinese pop music // and offset from 6125/6175. (NHP)
945 **CHINA**, Jiaohe, CNR1/**UnID**. 1141 10/18. 2 stations, one with Chinese talk, the other with weird ethnic music. (bp)
945 **JAPAN**, NHK1 various. Poor 1312 and 1410 10/18. //594. (CH)
+1441 between poor and fair 10/19. (CH)
945 **REP KOREA**, HLQW, Boeun, KBS1. Poor 1314 10/18. //864. (CH)
954 **JAPAN**, JOKR, Tokyo, TBS. 1402, 1451 and 1459 10/18. Fair to good, much better than usual. 1500 jungle and ID. (CH)
954 **PHILIPPINES**, DZEM, Bulacan. Poor 10/19 with English words noted at: 1430:54 it amazes me, 1430:57 Christ, 1431:12 Jesus Christ. Also 1442 and 1444 poor+ seeming Tagalog. (CH)
963 **CHINA**, Huaduan, CRI. 1200 10/18. CRI Radio Kitaya ID, NHK style pips also, good strength. At 1500 CRI pretty good strength, with oriental stringed music leading up to hour but no chimes and fanfare; in fact carrier drop of ~10dB, so s/off?, though listed off at 1600. (NHP)
963 **JAPAN**, NHK1 various. 1311 and 1410 10/18. Poor //594. (CH)
+1400 10/19. Dominant w/pips, woman //594. (bp)
972 **PHILIPPINES**, DXKH, Cagayan de Oro. Poor 1431:20 10/19 with music parallel to 666, also noted 1432-1434. (CH)
972 **REP KOREA**, HLCA, Dangjin, KBS. 1300 10/18. Woman giving freqs 1259:45, "KBS Hanminjok je-il Inmida" ID, 3 pips, bits of music, then ID as "Hanminjok Bangsong." (bp)
+At 1301 10/18. Only 680, 690, 1080 and 1190 were stronger. (CH)
+1600 10/18. Huge signal woman in Korean, impressive sounding music, presumed ID (couple of mentions of kHz), followed by pips; at least 20dB stronger than anything on 970 at this time. Still barreling in at 1624, couple of hours after local sunrise, and still readable 1640, surprisingly better on the array compared with the Beverage. (NHP)
981 **CHINA**, various locations, CNR1. 1200 10/18. Powerful signal, man and woman in Chinese up to hour, pips, Beijing TC etc, at similar level to 980. The most reliable CNR1 this morning by far. (NHP)
990 **HAWAII**, KIKI, Honolulu. 1400 10/18. "KIKI... available anywhere you go on the IHeart radio app" ID, fair to good over CC pips, NHK pips. (NHP)
+1400 10/19. Promo "...on 9-90 KIKI", long pause with 2 sets of Asian pips sneaking through, then CBS news. (bp)
990 **JAPAN**, JORK, Kochi, NHK1. 1410 10/18. Distinctive NHK1 music poor in the background. (CH)
999 **JAPAN**, NHK1 various. 1300 10/18. 3+1 pips, man with news //594, growl from off-freq DPRK station. (bp)
+1410 10/18 with distinctive NHK1 music. (CH)
999 **DPR KOREA**, Hamhung, KCBS (Joson Jung-ang Pangsong.) On 998.957, a little better than poor with choral music 1300 10/18. (CH)
1008 **JAPAN**, JONR, Kyoto. 1328 10/18. Fair, 1400 almost fair with ID. (CH)
1008 **JAPAN**, JOOR, Osaka. 1158 10/18. Ads, sporting event, 2 mentions of "ABC Baseball". 1200 tone & woman with ABC ID then back to the game. (bp)
+1200 10/18. Japanese man o/Chinese pips followed by pip, and ABC nyusu mention by woman, fair to good strength; talk underneath didn't seem //981, so not CNR1? (NHP)
1008 **REP KOREA**, HLCS, Yangyang, KBS3. Fair 1448 10/18. Classical music //1134. (CH)
+Fair 1416 10/19 with singing //1134. (CH)
UnID CHINA. 1200 10/18. 5+1 pips, then woman with news in Chinese u/JOOR. (bp)
1017 **JAPAN**, JOLB, Fukuoka, NHK2. 1314 10/18. Poor //774. (CH)
+Fair+, very dominant with no China 1417 10/19. (CH)
1026 **JAPAN**, NHK1 various. 1300 10/18. Weak pips u/China. (bp)
+Poor 1410 10/18 with distinctive NHK1 music. (CH)
1026 **PHILIPPINES**, DZAR, Manila, Sonshine Radio. 1435-1440 10/19. Fair at times religious program with mixed English words. (CH)
1035 **CHINA**, CNR1. 1300 10/18. Very echoey talk + pips. (bp)
1035 **REP KOREA**, HLCP, Pohang, KBS1. 1359:53 10/18. Seemingly poor HLCP calls. (CH)
+1500 10/18. Sounded like HLCP ID by woman before multitude of pips, howl of out of sync CNR1s, devolving into woman w/news //864. Fair at best. (NHP)
1040 **HAWAII**, KLHT, Honolulu. 1401 10/19. Christian song, legal ID, then another song, mixing with 2 mainland stations. (bp)
1044 **CHINA**, Changzhou, CRI. 1300 10/18. IS & Japanese/Chinese IDs, then woman in Japanese, Korea in background. (bp)
1044 **REP KOREA**, HLCD/HLCL, Jecheon/Samcheok, KBS1. 1248 10/18. Men in Korean, cute KBS jingle by girls, dominant. (bp)
+1459:53 10/18. Poor KBS ID but could not dig out calls. (CH)
+Poor 1500 10/19 with KBS ID. (CH)
1044 **TAIWAN**, Hualian. Third station in the mix with CRI and KBS at 1243 noted by Bruce. Also there at 1200 and 1252. We think it is Taiwan but are not sure. (CH)
UnID. 1210-1257 10/18. Woman talking non-stop in Chinese-like language (not Mandarin) u/KBS/CRI. Dominant 1243-45 and briefly at 1253, including some possible mentions of Taiwan. There's a Taiwan station listed but further checking is needed. (bp)
1053 **JAPAN**, JOAR, Nagoya. 1419:30-1420. Fair to good with CBC ID. (CH)
+1550 10/18. Accompanying atmospheric slow flute music, Japanese talk/laughter by men, fair level, like many Japanese at this time, it was better on array than on Beverage. Faded to nothing by 1600. (NHP)
1053 **REP KOREA**, jammer. 1402 10/19. 1402:15 suddenly left the air. (bp)
1062 **AUSTRALIA**, 4TI, Thursday Island. Surprisingly poor+ or almost fair with ABC fanfare at 1500 10/19. (CH)
1053 **PHILIPPINES**, DZEC, Manila, Radio Agila. 1445 10/18. Man under KBS seems Tagalog, poor. (CH)
+1424 10/19 and 1501. Fair with Tagalog. (CH)
+1443 10/19. Rapid Filipino talk man. (bp)
1053 **REP KOREA**, HLLKQ, Cheongju. 1312 10/18. Poor //864. (CH)
+1500 10/18. Messy, mostly KBS //864 "HLC"? mention by man before pips. Poor to fair. (NHP)
1071 **JAPAN**, JOFK, Hiroshima, NHK1. 1245 10/18. Men nattering, good //594. (NHP)
+1417 10/18. Somewhere between fair and good with NHK1. (CH)
+1418 10/19. Sedate man //594, mixing with weak music. (bp)
1071 **JAPAN**, JOWM, Obihiro. 1245 10/18. Man in Japanese more relaxed //1440 also good. (NHP)
+1338 10/18. Almost fair //STV 1440. (CH)
1080 **REP KOREA**, jammer. 1312 10/18. Poor under domestics. (CH)
+1302 10/19 jammer briefly mixing with domestics. (bp)
1089 **CHINA**, Fuzhou, CNR6. Up and down 1529 through 1545 at least 10/18. Piano music quite good, IDed 1536 //909. Less splatter on Beverage. (NHP)
1089 **JAPAN**, JOHB, Sendai, NHK2. 1448 10/18. Poor with NHK2. (CH)
+1538 10/18. Man in Japanese, fair //774, over quiet orchestral music. (NHP)
1089 **UnID CHINA**. 1310 10/18. Possible ID but more checking is needed. Probably Liaoning based on past experience. (bp)
1098 **CHINA**, CNR1. 1300 10/18 poor CNR1 ID. PAL has 1 CNR1 with unknown power and location. (CH)
+1500 10/18. Pips, ID, announcements, news. (bp)
+1600 10/18. Male ballad, Chinese pips, Beijing time check. Fair to good signal //981 and sometimes stronger. (NHP)

1098 **JAPAN**, JOSR/JOFG, Nagano/Oita. One of the two had a note or two of music parallel All Night Nippon, poor 1448:42 10/18. (CH)
+1428 10/19. Japanese talk. (bp)

1098t **MARSHALL ISLANDS**, V7AB, Majuro. 0751 10/19. Island vocals w/dominant bass line, fair signal. (NHP)

1098 **UnID CHINA?** 1545 10/18. Apparently CNR or Taiwan still good with Chinese talk. (bp)

1107 **JAPAN**, JOCF/JOJR, Kagoshima/Kanazawa. 1448 10/18 very poor with a few notes of an Eagles song parallel the All Night Nippon net. (CH)

1107 **REP KOREA**, HLAV, Pohang. 1300 10/18. Poor w/MBC theme music, and then woman in Korean. (bp)
+1469:52 10/18. Poor MBC chimes. (CH)

1116 **AUSTRALIA**, 4BC, Brisbane. 1432 10/19 fair+ and almost good, the best of the Aussies this AM. (CH)
+1441 10/19. Talk show, Brisbane mentioned. (bp)

1116 **UnID JAPAN**. 1240 10/18. Echoey woman in Japanese, other stuff at ToH. (bp)
+1448 10/18 with Eagles song but a check of the All Night Nippon web site does not show anyone on 1116. (CH)

1125 **JAPAN**, NHK2 various. Surprisingly strong 1424 10/19 at fair+ level, almost good. (CH)
+1429 10/19. Talk flute //774. (bp)

1134 **JAPAN**, JOQR, Tokyo. 1136 10/18. Man & 2 women giggling, weak KBS in the background, 1200 Woman with Bunka Hosono IDs and time tone. (bp)
+1500 10/18 big signal; Bunka Hosono ID by woman, timecheck? just before chimes and single pip. "HLC" heard underneath. KK man took over after hour. (NHP)

1143 **TAIWAN**, Baisha, BEL3. 1300 10/18. Weak //738 woman in Chinese. (NHP)
+1300 10/18. Fair //738. (CH)
+1300 10/18. ID by Woman, then male talk //738. (bp)

1152 **JAPAN**, JORB/JOJC, Kochi/Kushiro, NHK2. Likely JOJC. 1159 10/18. Piano and flute //774, fair at best. (NHP)
+1419-1420 10/18 fair to almost good, way on top of usual IBOC hash, //NHK2. (CH)

1152 **PHILIPPINES**, DYCM, Bogo. 1458:30-1502 poor Tagalog talk and a little music with poor DYCM call letter IDs at 1459:36, 1501:27 and 1501:44. A happiness producing surprise. (CH)

1161 **JAPAN**, NHK1 various. 1424 10/18. Weak //594 w/distinctive song u/Taiwan. (bp)
+1410 10/18 very poor with distinctive music //NHK1. (CH)

1161 **PHILIPPINES**, DYRD, Tagbilaran City. 1500:07 DYRD jingle, 1500:27 poor ID and signoff mentioning Chronicle Broadcasting Corporation. 1500:41 call letter ID, 1501:30 anthem. Signoff is listed as 1530 but not so. (CH)

1161 **TAIWAN**, Miaoli/Zhuangwei, BED89/BED86. 1429 10/18. Fair+. (CH)
+1600 10/18. Man talking, BCC chimes on hour, poor at best. (NHP)

1161 **UnID**. 1238 10/18. Chinese opera or drama. (bp)

1170 **REP KOREA**, HLSR, Gimje, KBS World Radio. 1210 10/18. Atop KPUG, Japanese program. (bp)
+1456-1458 and 1501-1505 at good level 10/19, very clear in LSB to avoid IBOC. (CH)

1179 **CHINA**, Wuhan, Hubei RGD. 1500 10/18. Pips, "Hubei Renmin Guangbo Diantai Chutian Guangbo" ID, announcements in Chinese, dominant. (bp)
+Almost good with Hubei GD ID 1500 10/18. (CH)

1179 **JAPAN**, JOOR, Osaka. Fair+ 1312 and 1421 10/18 but only fair at 1426 with MBS ID. (CH)
+1400 10/18. Man in Japanese, excellent strength, but Chinese pips underneath. At 1500 10/18, Chinese pips, sounded like Beijing time check but not //981. (NHP)

1188 **JAPAN**, JOKP, Kitami, NHK1. Fair 1314 and almost fair 1410 10/18. (CH)
+1500 10/19. Pips then woman //594. (bp)

1188 **REP KOREA**, HLKX, Seoul, FEBC. 1416 10/18. Fair with Korean talk, mixing with NHK1. (CH)

1197 **JAPAN**, JOFO, Kitakyushu. 1503 10/19. Poor with jazz //1278. (CH)

1197 **JAPAN**, JOWL, Asahikawa, STV. Poor 1412 10/19 parallel 909 and 1440. (CH)
+1300 10/18. Woman singing Hallelujah Chorus //1440. (bp)

1197 **JAPAN**, JOYF/JOBF, Mito/Kumamoto. 1448 10/18. Very poor with seeming notes from a song starting on the All Night Nippon net. (CH)

1206 **CHINA**, Zhongning, Jiangsu RGD. 1300 and 1500 10/18 poor chimes at TOH that match Jiangsu per Jari Savolainen. Listed as 1 kW so something isn't right. (CH)

1206 **CHINA**, Ningxia, RGD. "Ningxia Xinwen Guangbo" ID 1259:45 briefly during brief Yanbian fade-down. (bp)
+1259 10/18. Poor-fair ID that eventually seemed like Ningxia RGD, spotted by Bruce. (CH)

1206 **UnID CHINA?** 1300 10/18 4-tone chimes matching the ones posted on intervalsignals.net for Jiangsu RGD Economic Service. Same chimes weak u/Yanbian at 1500. Not sure if it's the listed Jiangsu Story channel or something else. (bp)

1224 **JAPAN**, JOJK, Kanazawa, NHK1. 1247 10/18. Fair pop song, then man & woman //594 o/weak UnID. (bp)
+Almost fair at 1448 10/18 //NHK1. (CH)

1224 **UnID**. 1422-1427 10/18 poor pop music over/under NHK and not //KBS3. (CH)

1230 **ALASKA**, KIFW, Sitka. 0455 10/18 community bulletin board, "AM 1230 KIFW" ID at end, 0457 promo for UW FB game coverage, several more IDs, then Blondie song, 0501 legal ID, ABC news, dominant. (bp)

1233 **UnID**. 1232.974 poor carrier, no audio 1426 10/18. (CH)

1240 **CANADA**, CFNI, Port Hardy. 1218 10/18. Dominant w/classic rock, IDs, local ads. (bp)

1242 **JAPAN**, JOLF, Tokyo. Almost good 1500 10/18 with their normal cuckoo. Oddly enough, at 1448:10 they were not parallel All Night Nippon which they are the head of. At 1448:45 they were //. (CH)

1251 **CHINA**, Jixi, CNR1. 1100 10/18 Chinese talk, poor, //981 and delayed by two seconds. Hard to believe it's 1 kW. (NHP)
+Noted at various points 10/18, not good but certainly better than would be expected with just a 1 kW outlet. (CH)

1251 **CHINA**, Zibo, Shandong, RGD. 1500 10/18 "Shandong Guangbo Diantai, Xinwen Guangbo" ID, then pips & TC. (bp)
+1500 10/18 with Shandong Guangbo Diantai Xinwen Guangbo ID, fair. (CH)

1251 **UnID**. Carrier on 1250.954 10/18. (CH)
+1300 10/18. Multiple sets of pips (China?) (bp)

1260 **JAPAN**, JOIR, Sendai. 1448 10/18. Fair with Eagles song //All Night Nippon. (CH)

1269 **AUSTRALIA**, 6RN, Busselton. Surprise of the trip! 1400 10/19 poor ABC fanfare and news. Nobody else on the channel. This is at the far SW tip of Australia so is about as far as you can get for Aussies. (CH)

1269 **JAPAN**, JOPF/JOHW, Esashi/Obihiro. 1313:55 10/18. Poor //1287. (CH)
+1500 10/18 man talking, poor to fair //1287, but at 1400 a Japanese woman was heard, not //1287; Shikoku Hosono? (NHP)

1269 **JAPAN**, JOJR, Tokushima, JRT. 1448 10/18. Very poor Eagles song //All Night Nippon. (CH)

1278 **JAPAN**, JOFR, Fukuoka. 1503 10/19. Poor jazz //1197. (CH)

1287 **JAPAN**, JOHR, Sapporo. 1206 10/18. Good with Spencer Davis Group's "Gimme Some Lovin", making it easy to check for //s. (bp)
+At notably good level 1313 10/18. (CH)

1296 **JAPAN**, JOTK, Matsue, NHK1. 1200 10/18, fair in splash, two men talking //594. (NHP)
+1410 10/18 poor-fair with distinctive music //NHK1. (CH)

1296 **TAIWAN**, Chigu, BED47, BCC News Network. Poor 1500 10/18 with BCC chimes. (CH)

1296 **UnID**. 1432 10/19 classical music poor, not //NHK. (CH)

1314 **JAPAN**, JOUF, Osaka. 1359 10/18 fair. (CH)
+1459 10/19. Japanese announcements o/DWXI, tone at ToH. (bp)

1314 **PHILIPPINES**, DWXI, Parañaque. Fair 1421 and 1431 10/19 fair with religious program containing many English words. (CH)
+1438 10/19. Tagalog religious talk by man. (bp)

1323 **CHINA**, CRI. 1400 10/18. CRI IDs in Chinese & Russian, theme music, good. (bp)

1330 **ALASKA**, KXXJ, Juneau. 0440 10/18 "Oldies 13-30 KXJ" IDs dominant. (bp)

1332 **AUSTRALIA**, 4BU, Bundaberg. 1441 10/19 almost fair with 4BU ID and weather for Bundaberg. (CH)

1332 **JAPAN**, JOSF, Nagoya. 1359:35 a bit better than fair with jingle, talk and pips. 1444 almost good. (CH)
+Good at 1400 fair 10/18, 2 and 1 pip on hour, woman in Japanese before and after. Noted in //1287 at 1550 10/18 w/male ballad, not sure what that's about. (NHP)

- 1341 **CHINA**, Heihe, Heilongjiang RGD. Assumed as the better than fair Chinese 1452 10/18 but I could not get the 621 parallel to be sure. (CH)
 1341 **JAPAN**, NHK1 various. 1502 10/19. Very poor. (CH)
 1350 **JAPAN**, JOER, Hiroshima. 1448 10/18 poor with end of Eagles song parallel to All Night Nippon. (CH)
 1359 **CHINA**, CNR1 various. Poor at 1312 10/18. (CH)
 1368 **JAPAN**, NHK1 various. 1500-1501 10/19 very poor //NHK1. (CH)
 1368 **UnID**. Poor carrier on 1357.987 at 1434 10/19. (CH)
 1377 **CHINA**, CNR1 various. Fair 1441-1442 and better than fair 1453 10/18. (CH)
 1377 **JAPAN**, NHK2 various. 1435-1436 10/19. Poor. (CH)
 +1540 10/19. Weak NA, chimes //774. (bp)
 1386 **JAPAN**, NHK2 various. 1400 10/19 fair to almost good //NHK2. (CH)
 +1457 10/19. English lessons. (bp)
 1386 **REP KOREA**, HLAM, Mokpo. 1359:53 10/18 poor MBC chimes. (CH)
 1404 **JAPAN**, JOQL, Kushiro. 1500 10/18. Japanese men across hour //1287, fair and stronger than 1287. (NHP)
 +1500 10/19 poor+ //1287 for the ID. (CH)
 1404 **JAPAN**, JOVR, Shizuoka. Poor 1448:37 10/18 end of Eagles song parallel All Night Nippon. (CH)
 1413 **JAPAN**, JOIF, Fukuoka. 1500 10/19 poor KBC ID, 1504 fair Japanese talk. (CH)
 1422 **JAPAN**, JORF, Yokohama. Poor+ jazz 1417-1419 and 1426 10/18. (CH)
 1422 **UnID CHINA**. 1523 10/18. Distorted Chinese talk. 1602 still fair with Chinese woman. (bp)
 1431 **JAPAN**, JOVF, Wakayama. Fair 1430-1431 and poor 1448 with end of Eagles song plus next song from All Night Nippon net. (CH)
 1440 **JAPAN**, JOWF, Sapporo. 1259 10/18. Animated hyperactive woman singing part of the Hallelujah chorus from Handel's Messiah. Tone at ToH, then much calmer woman and man. (bp)
 +Good and way dominant 1314 10/18. (CH)
 1449 **JAPAN**, JOQM, Abashiri, HBC. 1209 10/18. Woman + Spencer Davis Group song //1287. (bp)
 +1500 poor //1287. (CH)
 1458 **JAPAN**, JOWR/NBC, Fukushima/Saga (no calls). 1448 10/18 end of Eagles song parallel All Night Nippon. (CH)
 1458 **UnID CHINA**. 1439 10/18. Chinese talk. (bp)
 1467 **JAPAN**, NHK2 various. 1400 10/19. Poor but enough for a parallel with 774. (CH)
 +1520 10/19. Bits of talk, possible ID, NA at s-off. (bp)
 1467 **REP KOREA**, HLNK, Mokpo, KBS1. 1159 10/18, light music //711, fair strength, woman in Korean, but no call ID, pips on hour. (NHP)
 +1439-1440 poor //KBS1. (CH)
 1476 **UnID**. 1459 10/18. Song then echo woman probably in Chinese. (bp)
 1494 **JAPAN**, JOYR, Okayama. Poor 1448 with Eagles song parallel All Night Nippon. (CH)
 1500 **HAWAII**, KHKA, Honolulu. 0900 10/19. "KHKA Honolulu is NBC Sports Radio AM 15 hundred" ID, good strength, dominating channel. (NHP)
 1503 **CHINA**. 1431 10/18. Woman in Chinese o/JOUK, slight echo. (bp)
 1503 **JAPAN**, JOUK, Akita, NHK1. Fair 1410 10/18 with distinctive music parallel NHK1. (CH)
 +1600 10/18, fair to good before hour, pips, NHK mention and gone for a bit, back at good strength 1601. (NHP)
 1548 **AUSTRALIA**, 4QD, Emerald. 1500 10/18. ABC news fanfare fair to good, followed by news by man. (NHP)
 +1400 10/19. Fair ABC fanfare and news. (CH)
 +1500 10/19. Fanfare news by Aussie gal. (bp)
 1557 **TAIWAN**, Kouhu. 1300 10/18. Pips, woman, EZL vocal. (bp)
 1566 **REP KOREA**, HLAZ, Jeju, FEBC. 1203 10/18. Good English male talking about grace, alternating w/Japanese translation. (bp)
 1566 **UnID**. Poor carrier on 1566.044 1430 10/18. (CH)
 1570 **HAWAII**, KUAAU, Haiku. 0900 10/19. "You're listening to KUAAU, Haiku, Maui, AM 15-70" ID by laid-back man. Good and dominant on channel. (NHP)
 1575 **JAPAN**, Misawa/Iwakuni?/, AFN. 1200 10/18. "this is AFN" by man, into AP network news, briefly fair; VoA underneath with V-o-A mention by man. (NHP)
 +1200 10/18. AFN ID, AP news o/VOA signoff. (bp)
 1575 **THAILAND**, Ban Phachi, VOA. 1528 10/18. VOA Burmese still good, English ID 1529. (bp)
 +1600 10/18. "You are listening to the Voice of America" by man, good strength. (NHP)
 1584 **JAPAN**, NHK1 various. Poor 1410 10/18 with distinctive music parallel NHK1. (CH)
 1584 **UnID**. 1334 10/18. Chinese Talk. (bp)
 1593 **JAPAN**, JOTB/JOQB, Matsue/Niigata, NHK2. 1540 10/18. NA & Chimes o/u CNR1 too weak to catch ID. (bp)
 +Almost fair with NHK2 1400 10/19. (CH)
 1602 **JAPAN**, NHK2 various. Not quite fair but doing well for a pile of 100 Watters 1331 10/18. (CH)

TROPICAL BAND DX (2300-5060 kHz) – Patrick Martin – PO Box 843 – Seaside OR 97138
 E-mail: mwdxer@webtv.net all times UTC

Deadline noon PLT. All times UTC/GMT.

4885 **BRAZIL**. 0608 12/4, full ID mentioning Belém, Pará, poor-fair signal vs CODAR, as ZYG362 remains the #1 Brazilian signal on 60m, overnight – no sign of the other one on 4885, Acre. (GH-OK)

THANKS TO THIS REPORTER

GH-OK **GLENN HAUSER**, Enid OK
 FRG-7 with 100 foot E-W longwire (always in the mornings, sometimes evenings), DX-398 with 10-meter N-S random wire (in the evenings) or PL-880 with short reel-out clip-on (in the evenings)



2014-2015 IRCA NUMBERAMA DX CONTEST – Manager: Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
 E-mail: NancyJohnson@prodigy.net

December 15, 2014 update

1. Greg Hall	153	4. Eric Bueneman	71	7. Nigel Pimblett	28
2. John C Johnson	134	5. Nancy Johnson	33	8. John Tudenham	20
3. Tim Noonan	110	6. Dennis Vroom	29	9. Phil Bytheway	1

Welcome all contestants to the new Numberama contest. If you have not joined yet, the contest rules appear in the Sept. 2 2014 SDXM. Numberama will end on May 31 2015 so you have plenty of time to join in the fun! 73 – Nancy



DX AUDIO SERVICE – Frederick R Vobbe – 706 Mackenzie Dr – Lima OH 45805-1835
 E-mail: fvobbe@realoldiesradio.com

The DX Audio Service is looking for a member with serious promotional chops who can advise our publisher on ways to enhance circulation of this DX-news-and-information audio service. If you have experience in program or publication promotion we would appreciate your input! Contact Fred Vobbe at fvobbe@realoldiesradio.com.

IRCA HAM RADIO LIST – Compiled by: Eric Bueneman (NØUIH)

E-mail: n0uiheric@aol.com

It's that time again; time to reveal the IRCA Amateur Radio operator list. Frank Aden (N7SOK) is very interested in starting an IRCA Amateur Radio net. If you're interested, you may contact Frank at n7sok@aol.com.

Here is the December 2014 edition of the IRCA Amateur Radio list:

Member Name	Call Sign	Class	Location	Bands
Frank Aden	N7SOK	General	Boise ID	All bands including ATV
Bob Antoniak	N2SU	Extra	Clifton NJ	80-10 CW, PSK31, JT65
Eric Bueneman	NØUIH	Extra	Hazelwood MO	HF 80-10, VHF 2-6, SSB, FM, IRLP, EchoLink, CW on 6 meters only
Bob Coomler	W7SWL	Advanced	Tucson AZ	6 to 80 meters, preferably SSB
Mark Connelly	WA1ION	Extra	South Yarmouth MA	
Greg Hall	KG5RJ	Advanced	Dallas TX	All bands, all modes; "I enjoy DX and chasing paper"
Craig Healy	NG1U	Extra	Providence RI	
Tim Kridel	KGØKEK	Technician	Columbia MO	10 meter SSB
Kraig Krist	KG4LAC	Extra	Manassas VA	
Pat O'Brien	K8LEN	General	Pekin IN	All digital modes, all bands
Jim Pogue	KH2AR	General	Memphis TN	
Steve Ponder	N5WBI	General	Houston TX	6 and 2 meters, 70 cm FM, 20 meter QRP
Rick Robinson	W4DST	Advanced	Hendersonville NC	160-10 meter QRP, CW, 2 meter FM, 6 meter AM
Mike Sanburn	KG6LJU	General	Los Angeles CA	Mainly 20 meters, frequents several bands
John Tudenham	WØJRP	Extra	Joplin MO	
Robert Wien	KG6RJW	General	Laurel MD	General Class portions of all bands, especially 2 and 20 meters
Owen Patrick Wood	N3OPW	General	Lancaster PA	

Some of the license classes come from the WM7D database.

If you have upgraded your class of license, changed your call or have a list of bands or changed the number of bands you frequent, let me know at the above E-mail address. 73 and good DX from NØUIH.

NRC Antenna Pattern Book, 7th Edition

The 7th Edition of the **NRC Antenna Pattern Book** is now available. This all new edition prepared by NRC'er Paul Swearingen is an all-inclusive book of patterns for both Day and Night operation of stations in the USA, Canada and selected foreign stations. The data for the book comes from the 34th Edition of the AM Radio Log and NRC'er John Callerman's comprehensive Mexican station listing.

The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. There are 240 pages and the book has maps covering 530 through 1700 kHz depicting the lower USA, Canada and Mexico. Hawaii and Alaska are shown on separate maps at the of the book.

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