



November 16, 2013 – Volume 51, Number 10 – Edition 1611 – ISSN 899-9733

DX TESTS

WNDB 1150 Daytona Beach, FL December 7, 2013 0100 ELT (Bobby Gray/Wayne Heinen)

FROM THE EDITOR-IN-CHIEF

More details on the Golden Anniversary IRCA Convention appears below. DX Worldwide East is taking another week off...the Technical Column makes its Volume 51 debut in this issue. It appears that more and more of the trans-oceanic DX is being reported on the Pacific Coast than the Atlantic coast at this point in the season, although there will be DXpedition reports coming soon.

2014 IRCA 50th ANNIVERSARY CONVENTION – BILLINGS, MONTANA

The 2014 IRCA 50th Anniversary Convention will be held in Billings, Montana on September 19th and 20th. John and Nancy Johnson are your convention hosts. The convention will be held at the Lexington Inn & Suites by Vantage located at 3040 King Avenue West. IRCA members are eligible to receive a special room rate of \$95.00(US) per night plus 7% Lodging Tax & \$1.00(US) TBID fees. A limited block of rooms have been set aside so you will want to make your reservations early. Please

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mention "IRCA-International Radio Club of America" when making your reservation for the special IRCA member's rate. You may call them directly at 406-294-9090 or toll-free 1-877-488-4649. You will need to give them a credit card number and check-in and check-out dates. They do offer an airport shuttle. The parking area is quite large.

With this rate you will enjoy the following COMPLIMENTARY top quality amenities to enhance your stay

- A **100% SMOKE-FREE and PET FREE** to ensure a healthy environment,
- Guest rooms featuring beautiful furniture, sitting areas, spacious bright bathrooms, pillow-top mattresses, upgraded bed and bath linens and exceptionally quiet rooms,
- New Panasonic flat-screen TVs, iHome radios
- Comfortable and well-lit workspaces with secure high-speed internet desk access,
- Voice mail and free local calls within the (406) area code,
- Free Internet – wired and wireless
- Indoor swimming pool with hot tub, changing room and outdoor patio, fitness center
- Hot continental breakfast. Some gluten ideas available for purchase.

For more information about Lexington Inn & Suites by Vantage go to LexingtonBillings.com Registration for club* members is just \$35.00(US) (Does NOT include the banquet – details of the banquet will be announced later). Non-club member's registration is \$50.00(US) which includes a one year membership in the IRCA. (Hint: Save money, a one year membership in the IRCA is less than the increased registration fee for non-members. Join the IRCA now.) You may pay in advance by check or PayPal. If paying by PayPal, please add \$1.00(US) to cover the \$1.34(US) additional charges added on by PayPal. Use this PayPal address: john@johninmontana.com and include a message that the money is for the IRCA convention registration. If paying via check, make that out to John C. Johnson and mail to 265 Waterton Way, Billings, Montana 59102-7755. *club membership in IRCA, NRC, and WTFDA qualifies for the \$35.00(US) registration fee. Non club members are encouraged to join the IRCA.

More details about the convention will be announced later. Check out the IRCA Facebook site too! If you have any questions please contact John Johnson at john@johninmontana.com

FROM THE PRESIDENT (Phil Bytheway)

We are currently looking for a volunteer for **DX TEST (CPC) Chairman**. Helps arrange DX tests from stations and communicate with the various radio clubs/eGroups. In addition, we are seeking a volunteer to compile the **IRCA Slogans List**.

Contact me if interested in either position or have concerns about IRCA. pb

DX TESTS

WNDB 1150 Daytona Beach, FL will be conducting a DX Test on Saturday morning, December 7, 2013 beginning at 0100 ELT (2200 Pacific time). The programming will consist of voice announcements alternating with Morse Code IDs at five words per minute. The test will be conducted using the station's 1,000-watt non-directional (daytime) facilities. This test was arranged by Bobby Gray, Director of Engineering, following recent antenna system upgrading. Mailed reports with return postage can be directed to:

WNDB Test
Attention: Bobby Gray
126 West International Speedway Blvd.
Daytona Beach, FL 32114

MP3 files are fine and will be welcomed. Those hearing the test may call (on your dime) on the Studio Line at (386) 239-0033. (Information provided by Wayne Heinen)

WESTERN DX ROUNDUP

Nancy Johnson – 265 Waterton Way – Billings MT 59102-7755
E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Nov. 15, Nov. 22, Nov. 29, Dec. 6, Dec. 13, Dec. 20. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (RB) Rick Barton-El Mirage, AZ desertmoon_dxshack@inbox.com
Grundig Satellit 750, Hammarlund SP-600, Slinky, random wire
- (BB) Bill Block-7716 E. Thelma Drive-Prescott Valley, AZ 86314 billblock@cableone.net
Drake R8
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138-0843 mwdxer@webtv.net
Drake R8, NW EWE
- (NP) Nigel Pimblett—331 5th Street-Dunmore, AB T1B 0J9 nige2730@telus.net
Perseus SDR, Wellbrook Phased Array
- (GS) Garry Stoklas-P.O. Box 117-Imperial, CA 92252-0117 jergar@sbcglobal.net
Kenwood R-1000, 4 foot box loop
- *****
- 550 KFYI AZ, Phoenix 10/25 2230-2240 Glenn Beck show with spot for Liberty Safe, and "Newstalk 550 KFYI." Mild to moderate QRM with interference from KUZZ and unID Spanish. (GS-CA)
- KUZZ CA, Bakersfield 10/25 2225-2235 C&W music followed by ID "KUZZ 107.9" and another C&W song. Good signal with KFYI Phoenix interference and unID Spanish. (GS-CA)
- 640 KYUK AK, Bethel 11/7 0031 topping KFI easily with 60's oldies and weather for Bethel. (PM-OR)
- 650 KMTI UT, Manti 10/28 2144-2148 strong signal of C&W music song ended then "Weston Burt, Smile that Smile, KMTI it is part of Night Tracks here tonight. KMTI weather..." Good signal with moderate QRM. (GS-CA)
- 690 CBU BC, Vancouver 11/7 0827 with "You're listening to CBC One." (BB-AZ)
- 720 WGN IL, Chicago 11/6 2223 with "WGN" way under KDWN. (BB-AZ)
- 890 KBBI AK, Homer like it was next door S9+20 with album rock. Audible off every antenna but the Eastern Beverage, with ID in between sets at 0003 11/7 with young male announcer "You're listening to KBBI Home" back into album rock. Probably the strongest signal I have ever heard them! I could even detect the transmitter hum during dead air! Also decent signal on several barefoot portables. (PM-OR)
- 910 KGME AZ, Phoenix 10/28 2157-2205 local XEAO nulled. Cell phone spot followed by "Fox Sports 910 Weather" then the weather and "I'm Nicole Franks, Fox Sports 910 Phoenix" followed by Wal-Mart spot. KPOF had faded out but continued XEAO interference. (GS-CA)
- KPOF CO, Denver 10/28 2157-2205 strong local Mexicali station XEAO nulled. Song ended then "For music lovers in Denver...right here on...Colorado's first...radio station serving...The new KPOF Denver AM 91, thanks for listening," moderate to heavy fading interference from KGME Phoenix and nulled XEAO. (GS-CA)

920 KBAD NV, Las Vegas 10/29 2235-2252 Clippers vs Lakers basketball game. Just after game started, heard "920 Sports, The Game, KBAD Las Vegas, Sports 920, 920 The Game" followed by a quick sports update and then the game broadcast continued. Moderate QRM and interference from unID Spanish and KVEL. (GS-CA)

KVEL UT, Vernal 10/29 2230-2242 Hugh Hewitt Show paused followed by "It's sumpun else...AM 910 KVEL news, talk, sports brought to you by Showalter ports(?)" Moderate QRM and interference from unID Spanish and KBAD Las Vegas. (GS-CA)

940 KIXZ TX, Amarillo 11/7 0833 heard with "KIKZ." (BB-AZ)

960 KKNT AZ, Phoenix 11/1 2229-2235 spot for flipping houses ended then "Back at TCU Arena, let's pause 10 seconds for station identification. You're listening to Antelope basketball, KKNT, Phoenix, on line at 960ThePatriot.com a division of Salem Communications, NADAQ symbol SALM. We are The Patriot," then back to the game. Excellent signal with unID weak in background. (GS-CA)

CFAC AB, Calgary 11/7 0816 with traffic report, ad for Calgary and "Sports Radio 960 The Fan." (BB-AZ)

970 WZAM MI, Ishpeming 10/29 0800 ID as "You're listening to ESPN-UP on WZAM and", ESPN programming. A new one for me. (NP-AB)

1010 CBR AB, Calgary 11/1 2259-2306 nulled strong unID Spanish to news in English. CBC news mentioned several times, then "This is the hourly news, I'm Ted Coffee," weather report for Southern Alberta. Very good signal with minimal interference from unID Spanish. (GS-CA)

+11/2 0929 with "CBC Radio One" then news and weather. (BB-AZ)

1040 KCBR CO, Monument 11/7 0803 heard with weather report. (BB-AZ)

1110 KBND OR, Bend 11/2 0013 heard with "KBND." (BB-AZ)

1140 KNWQ CA, Palm Springs 11/4 0955 spots for California gas and utilities, ID by man to network news. Heard in null of KXST Las Vegas. (RB-AZ)

1160 KFXE IA, Waukon 10/29 0759 over KSL with promo for Fox Sports program, then ID "This is KFXE, Waukon, we are K-Fox Sports 1160." (NP-AB)

1170 KCBQ CA, San Diego 11/5 0940 checking the frequency, heard only a fluttering noise. During a trip to the coffeepot for a refill, KCBQ rose up out of the soup, clearly audible with a caller and host dialog. I turned the loop to eliminate KYET for good measure. Audible thru and beyond the hour. (RB-AZ)

1180 KERN CA, Wasco-Greenacres 11/8 0900 heard with "KERN" then ABC news. (BB-AZ)

WJNT MS, Pearl 10/29 0800 came through KOFI with ID "You're listening to Jackson's newstalk 1180...WJNT Pearl-Jackson," then ABC news. (NP-AB)

1210 KQEQ CA, Fowler (Fresno) 11/3 1958-2001 Spanish music ended, then "KQEQ Folwer, Fresno, escusa(?).KQEQ Fowler, Fresno, escusa..." Very strong signal with KGYN nulled. (GS-CA)

1280 KQLL NV, Henderson 11/5 2126-2132 song Dance to the Music ended then "This is the music of our generation" then a brief medley of several different songs, "Turn it up and tell your friends, the new kool 102" and into Zombies Time of the Season. Moderate signal with KFRN Long Beach, CA nulled. This station show as only 28 watts at night. (GS-CA)

1300 KPMI MN, Bemidji 10/30 0758 Fox news, ad, message about spay/neuter clinic for NW Minnesota, then weather. (NP-AB)

1370 WCCN WI, Neilsville 10/29 0758 60's tune, then ID "...another hour of America's best music right here on 1370 AM, WCCN, Neilsville" into song by Olivia Newton-John. (NP-AB)

1470 KSOP UT, So. Salt Lake City 11/2 0115 "KSOP...Classic Country...cc13-70 dot com." Good, mixing with unID Mexican station. (RB-AZ)

Thank you to all our WDXR reporters this week! Nancy 11/4 2100

CENTRAL DX ROUNDUP

John C Johnson – 265 Waterton Way – Billings MT 59102-7755
E-mail: John_Johnson@prodigy.net CDXR reports ONLY: cdxr@ircaonline.org

RIDING GAIN

[EB-MO] Eric Bueneman, Hazelwood, MO N0UIHEric@aol.com
GE Superadio III, Yaesu FRG-7, Worcester Space Magnet II.
[TN-WI] Tim Noonan, Oak Creek, WI DXing2@aol.com
Kenwood R-1000, Radio West Loop

DOWN THE DIAL

650 CKOM SK, Saskatoon. 11/6 good signal in WSM null. 07:19 noted with business report from the Canadian Press, "CKOM news time, coming up to 6:21" time check, weather

forecast, gave temperatures in various Saskatchewan cities (it was -18 C in Saskatoon when I heard them), local spots, "Six-50 CKOM" ID. [EB-MO]

680 CJOB MB, Winnipeg. 11/6 fair signal, mixing with WMFS. 07:22 noted with "CJOB news time, 6:22" time check, into local spots and news. [EB-MO]

910 KCJB ND, Minot. 11/6 fair to poor signal over WJCW. 07:31 noted with agricultural report, local spots, "91 Country KCJB" ID. [EB-MO]

940 WYLD LA, New Orleans. 11/1 good signal over WMIX, WMAC, KPSZ. 01:26 noted with Urban Gospel music, "Amen Nine-40, wild for Jesus" ID. [EB-MO]

970 WGEE WI, Superior. 11/1 fair signal over WMAV, WGTK. 08:15 noted with Oldies format, "Nine-70 WGEE" ID. [EB-MO]

1030 WCTS MN, Maplewood. 11/1 good signal over WQSE. 07:50 noted with "Through the Bible", local spots, SRN news, Twin Cities weather forecast, "WCTS AM 10-30" ID, promo and "Thanks for tuning in to AM 10-30 WCTS" mention. [EB-MO]

1240 KCCR SD, Pierre. 11/6 fair to poor signal, poking through others. 07:42 noted with "KCCR" ID. 1240 #25. [EB-MO]

1310 KBOK AR, Malvern. 11/1 fair to poor signal, mixing with CIWW. 01:46 noted with Classic Hits format, Halloween trivia, "Rock 101, Malvern, Hot Springs" ID (reference: KIXV 101.5 Malvern). [EB-MO]

1340 KADI MO, Springfield. 11/6 fair to poor signal through other stations. 02:00 noted with "13-40 KADI AM Springfield" legal ID into ABC News. [EB-MO]

1450 KWPM MO, West Plains. 11/1 fair to poor signal in mess. 08:27 noted with "Classic Country 100-point-3 KUKU" mention, into Classic Country format. I wonder if they switched from News/Talk. [EB-MO]

1490 KRIB IA, Mason City. 10/31 fair to poor through mess. 01:17 with local spots. [EB-MO]

1510 KMSD SD, Milbank. 10/31 fair to poor signal over WLAC. 01:19 noted with Oldies format, celebrity birthdays, "98-point-3 FM (K252FD) and AM 15-10 KMSD" ID. SD #10 from this location. [EB-MO]

1550 WKBA VA, Vinton. 10/25 at 1844, fair-good with gospel, calls in promo, mention of 1390 and 106.7, with slogan "The Ministry Station." [TN-WI]

25 YEARS AGO

November 12, 1988 issue of IRCA's "DX Monitor" ... Tom Jasinski of Shorewood, IL moved to a new house located next to a 40 acre farm field ... Tim Hall of Chula Vista, CA told about KVEG 840 Las Vegas coming on the air on October 18th ... Gary Larson of Burbank, CA mentioned KWKW's switch from 1300 to 1330 will happen soon. KAZN will take over 1300.

OPEN MIKE

2014 IRCA 50th Anniversary Convention Update: We have already started getting registrations for the convention, so it's not too early to start planning to attend. Details about the convention appear elsewhere in this issue. This column was typed 11-8-13. 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:

(JJR-MI) John J. Rieger, L'Anse, MI
Grundig Satellit 750, Terk AM-1000 Loop

(KK-VA) Kraig Krist (KG4LAC), Manassas, VA
Winradio G33DDC software-defined receiver, Kiwa Loop

ACROSS THE DIAL

540 CBGA1 NB Grande Anse – 11/3 1800 noted with legal ID in French by female announcer, news. Fair signal, alone on the channel. Really nailed this log versus last week's submission; no sign of CBK, other stations. (JJR-MI)

640 CFMJ ON Toronto – 10/31 1903 noted with male announcer mentioning "...streaming live at 640 Toronto-dot-com...Talk Radio AM 640 CFMJ, a Corus Entertainment Company. AM 640...news." Noted mixing with WHLO, WWJZ, WFNC and Spanish (Cuba-eb). (KK-VA)

660 WXIC OH Waverly – 11/3 1753 noted with Christian preaching and vocal music, "...God's Word. Ohio's Gospel Giant, AM 660 WXIC" ID by male announcer. Noted getting hammered by WFAN. (KK-VA)

690 WOKV FL Jacksonville – 11/3 1625 noted with Sean Hannity, "Your home...News/Talk WOKV" ID by male announcer at 1702. Noted mixing with CKGM and

unidentified stations with Fox Sports Radio, vocal music and Christian preaching (probably WZAP-eb). (KK-VA)

730 CKAC QC Montreal – 11/3 1830 noted with “Radio Circulation” slogans in French. Poor signal with no sign of CKDM at all. (JJR-MI)

1160 KFXE IA Waukon – 11/4 0840 noted with “K-Fox 1160 Morning Show” mention, into “Build Me Up, Buttercup” by The Foundations. Not sports in the morning, I guess. Fair signal, but fading. (JJR-MI)

1170 KRUE MN Waseca – 11/4 0855 noted with Christmas music, “North Pole Radio 1170” non-IDs. Poor signal. Only station on frequency and not heard here in years! (JJR-MI)

1210 CFYM SK Kindersley – 11/4 0729 noted with “Classic Hits Radio” slogan, “Hand Me Down World” by The Guess Who, local news mentioning Rosetown, Saskatchewan and the Royal Canadian Mounted Police. Poor signal. (JJR-MI)

1210 KHAT WY Laramie – 11/4 0730 noted with “...Home of the Legends, Buckin’ Country” slogan in fade up. Poor signal. (JJR-MI)

1230 WSOO MI Sault Sainte Marie – 11/3 1811 noted with “WSOO Weather” mention by meteorologist Karl Bohnak, into “The Letter” by The Box Tops. Poor signal, faded out in five minutes. (JJR-MI)

1230 WXCO WI Wausau – 11/4 0700 noted with legal ID into CBS News. Poor signal in mud. (JJR-MI)

1310 CIWW ON Ottawa – 11/3 1807 noted with mention of “An Ottawa Transit #87 Southbound” after a “1310 News” ID. Poor signal, but steady. (JJR-MI)

1320 WJAS PA Pittsburgh – 11/3 1904 noted with “1320 WJAS” ID and Nostalgia (Adult Standards) format. Poor signal with nice fade-up. (JJR-MI)

1340 WLEW MI Bad Axe – 11/4 0748 noted with “AM 1340 WLEW” ID into Country format. Poor, alone on channel, though faded quickly. (JJR-MI)

1340 KIJV SD Huron – 11/4 0646 noted with “??? on Tiger 95” mention between songs. Never heard this well! A strict non-IDer. 95.3 is an FM translator (K237EL-eb), though the Web site still says “Coming soon” Hot AC format. (JJR-MI)

1400 WKNW MI Sault Sainte Marie – 11/4 1713 noted with “...hockey, here in the Soo...Soo Eagles Hockey on ESPN 1400” mention. WCCY (28 miles away) easily nulled. First time noted this season. Fair signal in tight WCCY null. (JJR-MI)

1520 WMLM MI Saint Louis – 11/4 1800 noted with legal ID into ABC News. Poor signal with KOLM tightly nulled. (JJR-MI)

EDITOR'S NOTES

Thanks to John and Kraig for their logs this week!

Trivia time: Did you know that L'Anse, Grande Anse and Sault Sainte Marie all get their names from French words? “L'Anse” means “the bay”. “Grande Anse” translates to “Grand Bay”. “Sault Sainte Marie” translates to “Sainte Marie Falls” or “Falls of Sainte Marie”.

DX Worldwide East is taking another week off. If you live east of the Mississippi and hear DX from outside the U.S. and Canada, use the same E-mail and snail mail addresses from this column for DXWWE.

73 and good DX from NØUIH

DX WORLDWIDE – WEST / TROPICAL BAND DX

Patrick Martin – PO Box 843 – Seaside OR 97138

E-mail: mwdxer@webtv.net all times UTC

Deadlines Monday noon PLT.

TRANS PACIFIC DX ROUNDUP

153 **RUSSIA**, Komsomolsk, Radio Rossii. 0550 11/6 weak signal with music. NW ewe. (DV-WA)
 + 1242 11/6 weak signal with music. NW ewe. (DV-WA)
 + 1453 11/8 fair signal with woman in Russian. NW ewe. (DV-WA)
 + 1353 11/9 poor signal with man in Russian. NW ewe. (DV-WA)

180 **RUSSIA**, Yelizovo, Radio Rossii 0544 11/6 very weak signal with music and man in Russian. NW ewe. (DV-WA)
 + 0658 11/7 very weak signal with man in Russian. Active whip. (DV-WA)
 + 0540 11/8 weak signal with man/woman in Russian. Active whip. (DV-WA)

189 **RUSSIA**, Petropavlovsk, Radio Rossii. 1328 11/6 fair signal on second scan of LW. Man in Russian. NW ewe. (DV-WA)

209 **ALASKA**, CYT, Yakataga. 0551 11/6 weak signal with weather forecast. NW ewe. (DV-WA)

279 **RUSSIA**, Yuzhno-Sakhalinsk, Radio Rossii. 1330 11/6 fair signal with woman in Russian. NW ewe. (DV-WA)
 + 0659 11/7 fair signal with Radio Rossii ID. 5+1 pips at 0700. NW ewe. (DV-WA)

+ 1354 11/7 fair signal with man in Russian. NW ewe. (DV-WA)
 + 0542 11/8 weak signal with man in Russian. NW ewe. (DV-WA)
 + Heard Russia on 279 at good levels at 0715 11/8 (CN-BC)
 + 1354 11/9 fair signal with music. NW ewe. (DV-WA)

358 **ALASKA**, 0553 11/6 very weak with weather forecast. NW ewe. (DV-WA)

379 **ALASKA**, 0555 11/6 weak with weather forecast. NW ewe. (DV-WA)

394 **ALASKA**, KAK20, Kodiak. 0556 11/6 fair signal with weather forecast. NW ewe. (DV-WA)
 + 0507 11/8 weak signal with weather forecast. NW ewe. (DV-WA)

411 **ALASKA**, KA182, Iamna. 0557 11/6 weak with weather forecast. NW ewe. (DV-WA)
 + 0505 11/8 very weak with weather forecast. NW ewe. (DV-WA)

529 **ALASKA**, SQM, Level Island. 0557 11/6 good with weather forecast. NW ewe. (DV-WA)
 + 1334 11/6 weak with weather forecast. NW ewe. (DV-WA)
 + 0701 11/7 very weak signal with weather forecast. NW ewe. (DV-WA)
 + Good signal with weather forecast for Alaska Panhandle area (Sitka, etc.) at 0801 11/7 (Ultralight NDB # 252) <http://www.mediafire.com/listen/a27d3ht14x1p480/529-SQM-0801z110713PL380.MP3>. (GDB-WA)
 + 0504 11/8 fair signal with weather forecast. NW ewe. (DV-WA)
 + Was at its usual good levels 11/8. (CN-BC)
 + 1356 11/9 fair signal with weather forecast for Sitka. NW ewe. (DV-WA)

558 **REP KOREA**, HJQH. 11255 11/6 fair signal with music. //603. Moderate splatter. NW ewe. (DV-WA)
 + 1422 11/7 weak signal with music. //603. Moderate splatter. NW ewe. (DV-WA)

567 **JAPAN**, JOIK, Sapporo, NHK1. Poor JJ audio (w/o FSL) at 1304 11/5, fading out by 1307. (RA-OK)
 + 1256 11/6 weak signal with man in Japanese. //594. Moderate splatter. NW ewe. (DV-WA)
 + 1434 11/7 weak signal with music. //594. Moderate splatter. NW ewe. (DV-WA)
 + 1440 11/8 weak signal with music. //594. Moderate splatter. NW ewe. (DV-WA)

594 **JAPAN**, JOAK, Tokyo, NHK1. 1245 11/6 weak signal with woman in Japanese. NW ewe. (DV-WA)
 + Barely audible trace of audio at 1242-1243 11/7. (RA-OK)
 + 1356 11/7 fair signal with man in Japanese. NW ewe. (DV-WA)
 + 1439 11/8 weak signal with man in Japanese. NW ewe. (DV-WA)
 + 1358 11/9 weak signal with man in Japanese. NW ewe. (DV-WA)

603 **REP KOREA**, HLSA, Namyang. Good strength at 1423 11/5 with American pop music “I’ve Been to Everywhere” <http://www.mediafire.com/listen/julp1c4dwirct3y/603-HLSA-1422z110513PL380.MP3>. (GDB-WA)
 + 1254 11/6 good signal with music. NW ewe. (DV-WA)
 + 1416 11/7 fair signal coming out of noise with man Korean, NW ewe. (DV-WA)
 + 1441 11/8 fair signal with man in Korean, NW ewe. (DV-WA)

639 **CHINA**, CNR1 synchros. Another late surge this morning with good level Chinese speech at 1425 11/5 <http://www.mediafire.com/listen/bla3h4vba8aag80/639-CNR1-1426z110513PL380.MP3>. (GDB-WA)

640 **ALASKA**, KYUK, Bethel. Topping KFI easily with 60s oldies and weather for Bethel at 0431 11/7. (PM-OR)

657 **DPR KOREA**, Pyongyang. 1259 11/6 weak signal with women singing. NW ewe. (DV-WA)
 + 1419 11/7 fair signal with man in Korean. //3250. NW ewe. (DV-WA)

666 **JAPAN**, Osaka, NHK1. 1433 11/7 fair signal woman in Japanese. //594. NW ewe. (DV-WA)

693 **JAPAN**, JOBB, Tokyo, NHK2. 1300 11/6 fair signal with man in Japanese. NW ewe. (DV-WA)
 + 1420 11/7 fair signal with man in Japanese. Heavy splatter. NW ewe. (DV-WA)

702 **CHINA**? 1302-1306 11/6 weak signal with woman in Chinese? Not NHK2. NW ewe. (DV-WA)

738p **REP KOREA**, HJLKG, Daegu. Rare appearance over BEL2 with fair level Korean female speech at 1415 11/5; no KBS1 // available <http://www.mediafire.com/listen/65r6a11xcfcvxcoc/738-HJLKG-1415z110513PL380.MP3>. (GDB-WA)

738 **TAIWAN**, Penghu, BEL2. Standard male-female rapid fire Chinese speech at 1418 11/5 after HJLKG fade out <http://www.mediafire.com/listen/79guf2l9d8ue1p0/738-BEL2-1418z110513PL380.MP3>. (GDB-WA)
 + 1424 11/7 two stations. Assuming the weak signal to be Taiwan. Very weak station Japan? NW ewe. (DV-WA)

747 **JAPAN**, JOIB, Tokyo, NHK2. Barely audible (w/o FSL) at 1143 11/5, fair in English at 1206. (RA-OK)
 + Barely audible to poor w/o FSL at 1207 11/6. Barely audible in strong CKJH “CK 750” slop with FSL at 1240 11/6. Not heard after 1243. (RA-OK)
 + 0702 11/7 fair signal with woman in Japanese. Heavy splatter. NW ewe. (DV-WA)
 + Poor, man and woman in EE at 1239 11/7. The signal was not heard after 1241. (RA-OK)
 + 1429 11/7 fair signal with man in Japanese. Heavy splatter. NW ewe. (DV-WA)
 + 1442 11/8 fair signal with woman in Japanese. Heavy splatter. NW ewe. (DV-WA)

- 774 **JAPAN**, JOUB, Akita, NHK2. Fair with woman talking JJ (w/o FSL) at 1137 11/5, audible through LSR. (RA-OK)
 + Barely audible to poor w/o FSL at 1128-1202 11/6 and with FSL at 1238-1240. Not heard afterward. (RA-OK)
 + 1308 11/6 fair signal. Man in Japanese. NW ewe. (DV-WA)
 + 11/7 weak signal with Japanese talk. Fair signal at 0656 with man/woman in Japanese. NW ewe. (DV-WA)
 + Poor, heard briefly at 1236 11/7 fading in and out until 1257 (LSR 1300.) (RA-OK)
 + 11/7 good signal. Beginning of Chinese lessons. NW ewe. (DV-WA)
 + 1443 11/8 weak signal. NW ewe. Moderate splatter. Fair at 1454. (DV-WA)
 + 1359 11/9 weak signal. Man in Japanese. NW ewe. (DV-WA)
- 828 **JAPAN**, JOBB, Osaka, NHK2. Fair in EE at 1247 11/5, fair with man reading MET report at 1301, fade at 1302. (RA-OK)
 + 1308 11/6 fair signal with man in Japanese. NW ewe. (DV-WA)
 + Slight het in WCCO lower sideband 11/6. (RA-OK)
 + 1402 11/7 good signal with Chinese lessons. NW ewe. (DV-WA)
 + Slight het in WCCO lower sideband 11/7. (RA-OK)
 + 1443 11/8 weak signal with woman in Japanese. Fair at 1455. NW ewe. (DV-WA)
 + 1401 11/9 very weak signal with man in Japanese. NW ewe. (DV-WA)
- 890 **ALASKA**, KBBI, Homer. Like it was next door at S9+20 with album rock. Audible off every antenna but the Eastern Beverage, with ID in between sets at 0403 11/7 with young male announcer "You're listening to KBBI Homer" Back into album rock. Probably the strongest I have ever heard them! I could even detect the transmitter hum during dead air! Also decent signal on several barefoot portables. (PM-OR)
- 972 **REP KOREA**, HLCA, Dangjin, KBS. Het from 1145 11/5 until past LSR. (RA-OK)
 + 1310 11/6 good signal with man in Korean. Moderate splatter. NW ewe. (DV-WA)
 + 1403 11/7 good signal with woman in Korean. Moderate splatter. NW ewe. (DV-WA)
 + 1444 11/8 fair signal with man in Korean. Moderate splatter. NW ewe. (DV-WA)
 + 1412 11/9 weak signal with man in Korean. Moderate splatter. NW ewe. (DV-WA)
- 1017 **CHINA**, Changchun, CRI. Good level Korean female speech during foreign service at 1403 11/5; seasonal best signal <http://www.mediafire.com/listen/qb1pbqq4uajo99o/1017-CRI-1403z110513PL380.MP3>. (GDB-WA)
- 1044 **CHINA**, Changzhou, CRI. 1311 11/6 weak with woman in Chinese. Sky wire loop. (DV-WA)
- 1053 **DPR KOREA**, Haeju. 1313 11/6 weak signal with woman speaker. Over/under jammer. By the time I found shortwave //4557 jammer had taken over. NW ewe. (DV-WA)
- 1053 **REP KOREA**, jammer. Good signal at 1247 11/5, still audible at 1308. (RA-OK)
- 1287 **JAPAN**, JOHR, Sapporo, HBC. 0704 11/7 very weak signal with woman in Japanese. Moderate splatter. NW ewe. (DV-WA)
 + 1445 11/8 very weak with Japanese. Moderate splatter. Fair at 1503. NW ewe. (DV-WA)
- 1323 **CHINA**, Huadian. 1504 11/8 very weak audio briefly. Weak at 1507 with woman speaker. Unknown language. NW ewe. (DV-WA)
- 1323 **CHINA**, Shuanghyashan, CRI. 1405 11/7 assuming China with poor signal. Weak signal at 1336. W-SW ewe. (DV-WA)
- 1332 **JAPAN**, JOSF, Nagoya, Tokai Hoso. 1438 11/7 weak signal with woman in Japanese. NW ewe. (DV-WA)
- 1422 **JAPAN**, JORF, Yokohama, RF Radio Nippon. 1441 11/7 fair with music. NW ewe. (DV-WA)
- 1503 **JAPAN**, JOUK, Akita, NHK1. 1442 11/7 very weak signal with bits of audio getting through. W-SW ewe. (DV-WA)
 + 1514 11/8 weak signal with man/woman in Japanese. NW ewe. (DV-WA)
- 1566 **REP KOREA**, HLAZ, Cheju, FEBC. Barely audible at 1258 11/5. (RA-OK)
 + 1322 11/6 good signal with woman in Japanese. NW ewe. (DV-WA)
 + 1409 11/7 fair signal with man in Chinese. W-SW ewe. (DV-WA)
 + 1449 11/8 good signal with woman in Chinese. NW ewe. (DV-WA)
 + 1413 11/9 weak signal with woman in Chinese. NW ewe. (DV-WA)
- 1575 **THAILAND**, Rasom, VOA. 1327 11/6 weak signal with woman in Asian language. NW ewe. (DV-WA)
 + 1410 11/7 very weak signal with man in Asian language. W-SW ewe. (DV-WA)
 + 1451 11/8 very weak signal with man in Asian language. NW ewe. (DV-WA)

PAN AMERICAN DX ROUNDUP

- 610 **MÉXICO**, XEBX, Coahuila, Coah. 1242 11/1, checking for XEGS Guasave, Sinaloa, //650 XETNT, I think it's there, but underneath a stronger Spanish signal, with birthday greetings to kids, notably quinceañeras in various colonias; one mentioned was Villahermosa, but surely not Tabasco as also mentioned Nueva Rosita and Sabinas phones, CST TC, ie XEBX 5000/500. (GH-OK)
- 650 **MÉXICO**, XETNT, Los Mochis, Chih. 1237 11/2, song extolling Sinaloa, naming several cities, then compares to Durango, Chihuahua, back to beloved Sinaloa. 1239 ID as "Chávez Radio

- K," and 'Panorama Agropecuario,' 5:39 TC. It's XETNT back on MST. Normally duplicated on XEGS 610 Guasave, but found another XE dominant there. (GH-OK)
- 660 **Unid MÉXICO**. 660, Nov 6 at 0601 11/6, multi-verse choral NA, 0605 full ID by SHVA mentions location in Colonia Centro, Zacatecas, FM 105.9 "de lo más alto del cuadrante," then jazzed-up version of 'Ghost Riders in the Sky.' I thought this would be easy to look up, but in Cantú and IRCA there are "no" Zacatecans on 660, and no FM // matches either. Maybe Zacatecas was part of a street address rather than the city or state itself: there ought to be a law. Couldn't copy more due to considerable QRM, including another XE with NA coming up underneath first station at 0607. Of the nine Mexicans on 660, I've previously IDed XEEY, XEACB, XEDTL, XEFZ and likely two of those. (GH-OK)
- 1010 **Unid**. 0112 11/2, het on the low side. I can get a rather tight DF on it, ENE/WSW which puts it in the USA or NW Mexico. MWoffsets list has nothing but KCHJ in California, only 5.3 Hz low and this is much further than that, but a lot less than 1 kHz. No keyboard handy to measure the pitch, but heard first on car radio at 0106, so not a local device. Het still there at 0503 check, and at 0524 I have my keyboard to find the closest pitch match: Bb below C-middle, i.e. approx. 233 Hz, which puts the carrier on approx. 1019.767. I could still hear it before sunrise around 1230, but couldn't track it long enough to decide whether it's east or west from here. Ideas? Besides KXEN, the 1010 stations along the likely line range from BCN, to AZ, Chihuahua, Amarillo, Independence KS, Indiana and Ohio. We can rule out KINDependence KS; shortly after local mean noon at 1840 11/2, I can detect its carrier as the one and only daytime signal here on 1010, and is not 233 Hz low, in fact very slightly on the hi side of 1010, as compared to neighboring stations on 1020, 1000, etc. (not including KLIO ESPND Wichita 1070 which is always way off itself.) (GH-OK)
- 1630 **Unid**. 0613 11/1, as 1640 KZLS local splash relents a bit (change from lo-fi ag-talk to hier-fi true oldies has increased that problem), I am hearing not one but two stations in Spanish, ID sounded like XEXJ but maybe I am not fully awake as that leads nowhere. Per listings the two would be KRND in Wyoming, and XEUT in BCN, and they are somewhat separable. (GH-OK)

TROPICAL BAND DX ROUNDUP (up to 5060)

- 4125 **ALASKA**, Kodiak, USB National Weather Service? 02031 1/8 tuned in to very weak marine weather by a man, mentioned winds in knots and waves in feet. Gone sometime around 7:20. Another one to keep after. (MF-CA)
 + 11/9 0300-0311 11/9 nice ID by man and into marine weather forecast, also small craft advisories, fair-good signal. Very happy to hear this one and hope they QSL. (MF-CA)

THANKS TO THESE REPORTERS

- CN-BC **COLIN NEWELL**, Victoria BC
 Receiver - ETON E1 barefoot
- DV-WA **DENNIS VROOM**, Kalama WA
 JRC NRD 545, NW ewe + sky wire loop 880', High Performance Active Whip (HPAW), Palstar Tuner MW550P
- GDB-WA **GARY DeBOCK**, Puyallup WA
 7.5" loopstick Tecsun PL-380 Ultralight + 12" Medium Wave FSL antenna
- GH-OK **GLENN HAUSER**, Enid OK
 Mostly DX-398 with internal antenna only or Sony SRF-59
- MF-CA **MARTIN FOLTZ**, Mission Viejo CA
- PM-OR **PAT MARTIN**, Seaside OR
 Drake R8, NW EWE
- RA-OK **RICHARD ALLEN**, near Perry OK USA
 Tecsun PL-310, Tecsun PL-360 with DeBock 7.5-inch ferrite stick antenna
- "Rockworks 4" DXpedition (11/2-3/13)**
 Guy Atkins

Guy Atkins, Puyallup, WA, DXing at Rockworks cliff #4, Oregon Coast. Perseus SDR/Wellbrook ALA100M loop - 6.5 ft. X 4 ft.

This morning was the first of three planned DXpedition sessions at the "Rockworks 4" cliff side turnout between Oswald West State Park and Manzanitas, Oregon on Highway 101. The spot, 400+ feet above the Pacific, has previously been used with great results by Gary DeBock and Chuck Hutton.

This is a link to Google Street View at the Rockworks #4 cliff, looking south: <https://maps.google.com/maps?q=oswald+west+state+park+oregon&hl=en&ll=45.743539,-123.958247&spn=0.005458,0.012392&sl=37.6,-95.665&sspn=49.738899,101.513672&t=h&z=17&layer=c&cbll=45.743584,-123.958367&panoid=n-NAZbUE4n6GYGcgIshWdw&cbp=12,162.05,,0,0,37>

By the time I was set up at the turnout and ready to go, it was 1452 UTC and only seven minutes before local sunrise. From the glowing DX reports of others this morning, I should have been at the cliffs earlier! I DXed until 1538 UTC, when all but the powerhouses were fading.

11/2. There were many TP stations heard this morning, and many at great levels even past local sunrise.

11/3. Conditions were subdued compared to the previous excellent morning; signals were generally weaker and the splatter was stronger. The upper band was mostly dead. I did log the lone DU station – 1548 4QD Emerald – on this morning, though. Despite the drop off from the previous morning, it was great fun to be out at the Rockworks cliff and it's tough to beat the beautiful vistas from this part of the Oregon coast!

- 531 **JAPAN** JOQG, Morioka, Iwate, NHK1. 1453 11/2 – Catchy J-pop music in a 50s rock and roll style, and parallel 594. Good signal.
+ 1419 11/3 – Fair signal in Japanese.
- 558 **JAPAN** JOCR, Kobe, Hyogo, R Kansai, CRK. 1455 11/2 – Lively male and female talk in Japanese at a fair level, but taken over almost completely at 1456 by a co-channel station with mellow, almost religious sounding music (sounded like what I've heard from Oceania stations, so maybe it's Radio Fiji 1.) At 1458, HLQH South Korea rose up quickly to a good level with Korean talk, and JOCR still in the background, along with the mellow music station for a three-way battle.
+ 1421 11/3 - Japanese talk by male announcer; possible mentions of Kansai. Good.
- 558 **REP KOREA**, HLQH, Yeong-il, Daegu, KBS2. 1500 11/2 – Good signal, co-channel with JOCR and an unidentified station. Nice musical "KBS" ID jingle at 1459, time pips, and into musical interlude.
- 567 **JAPAN**, JOIK, Sapporo, Hokkaido, NHK1. 1453 11/2 – Good signal of J-pop in 50s style, parallel to JOCR 558.
+ 1422 11/3 – Man and woman in Japanese; powerful signal parallel 594.
- 567 **REP KOREA**, HLKF, Jeonju, Jeollabuk-do, KBS1. 1537 11/2 – Continuous talking by man in Korean; good signal but always beneath JOIK.
- 576 **JAPAN** JOHG, Kagoshima, NHK1. 1521 11/2 – Presumed this 2nd tier NHK1 outlet rather than lower power JODG; parallel to 594 with female talk in Japanese.
+ 1425 11/3 – instrumental music at poor to fair level; parallel 594.
- 585 **JAPAN**, JOPG, Kushiro, Hokkaido, NHK1. 1526 11/2 – Presumed this outlet; female Japanese talk parallel to 594 and 576.
+ 1427 11/3 – poor, with instrumental music, parallel 594.
- 594 **JAPAN**, JOAK, Tokyo, NHK1. 1521 11/2 – Powerful signal throughout the dawn DXing session; mentions of NHK, and parallel other NHK1 channels.
+ 1428 11/3 – Growing in strength coming out of a fade, with pop music vocals in Japanese.
- 603 **REP KOREA**, HLSA, Seoul, KBS2. 1459 11/2 – Male and female announcers in Korean; same "KBS" jingle, 6+1 TPs, and music interlude as heard on 558 HLQH. Very good signal, and at least a couple other very low level signals in the background, one of them apparently a NHK1 station.
- 612 **JAPAN**, JOLK, Fukuoka, NHK1. 1528 11/2 – two women in Japanese, and parallel to 594. Fair to good on peaks, with splatter.
- 639 **CHINA**, CNR1 synchros. 1432 11/3 – Very echoey signal in Chinese, with sound effects and announcement by woman. Poor.
- 639 **JAPAN**, JOIP, Oita, NHK1. 1507 11/2 – Japanese male announcer; good signal 1507; parallel 594.
- 648 **Unid JAPAN**. 1515 11/2 – Poor to fair signal of Japanese talk from 1500 to 1515 approximately. Not parallel to 594, although 648 is listed as a NHK1 station.
- 648 **REP KOREA**, HLSL, Boseong, Jeollabuk-do, KBS1. 1521 11/2 – Tentatively HLSL with good signal of Korean talk; listed parallel of 747 NOT audible however. No sign of VOR, either.
- 657 **DPR KOREA**, Pangsong, Kangnam, Pyongyang. 1452 11/2 – Very strong with orchestral and martial music in Korean.
+ 1433 11/3 – Dramatic orchestral music and Korean vocals. Good signal.
- 666 **JAPAN**, JOBK, Osaka, NHK1. 1456 11/2 – Good signal of Japanese talk, parallel 594.
+ 1435 11/3 – Laughing and talking in Japanese; male and female announcers parallel 594. Fair to good.
- 675 **CHINA**, Hohhot, Nei Menggu RGD. 1438 11/3 – This signal rose out of the mud to replace JOVK; male and female with Chinese talk. Fair level. Tentative.
- 675 **JAPAN**, JOVK, Hakodate, Hokkaido, NHK1. 1500 11/2 – Likely this NHK1 station on the north island, with male Japanese talk parallel to 594. Poor to fair.
+ 1436 11/3 – Presumed this Hokkaido station out of the two listed; Japanese singing parallel with 594. Poor signal.
- 684 **Unid JAPAN**. 1522 11/2 – Japanese male announcers at fair level, not parallel any NHK1 stations. Possibly one of two IBC network outlets.
- 693 **JAPAN**, JOAB, Tokyo, NHK2. 1452 11/2 – Powerhouse signal throughout the DX session.
+ 1442 11/3 – Beginning of English lessons program, with personal hygiene phrases like "going to the bathroom". Excellent signal and parallel 828.
- 702 **JAPAN**, JOKD, Kitami, Hokkaido, NHK2. 1452 11/2 – Female in Japanese, parallel 693. Fair.

- + 1444 11/3 – Presumed this northern island outlet, with English lessons parallel 693. Phrases included "my dad is having trouble going to the bathroom now", and "may I have some headache medicine?" Good signal, with unidentified music station beneath.
- 711 **REP KOREA**, HLKA, Seoul, KBS1. 1525 11/2 – Korean talk by male; fair signal. Mellow music with female singer from UnID station beneath.
+ 1449 11/3 – Fair level but splattered heavily by 710 KIRO. Slow Korean music and Korean talk by woman announcer.
- 729 **JAPAN**, JOCK, Nagoya, Aichi, NHK1. 1505 11/2 – Fair in splatter, with Japanese talk, and parallel 594.
- 738 **TAIWAN**, Yuye Guangbo Diantai, Taiwan Area F, BEL2. 1502 11/2 – Fading up to join co-channel HLKG, with presumed news by female in Chinese at 1502. Nice level and dominating the frequency by 1505.
+ 1453 11/3 – Tentative. Fast talking Chinese announcers. Good signal, with another station faintly beneath.
- 738 **REP KOREA**, HLKG, Gyeongsan, Daegu, KBS1. 1454 11/2 – Simon & Garfunkel tune "Bridge Over Troubled Water", followed by male and female in Korean. Slowly fading up to a fair level.
- 747 **JAPAN**, JOIB, Sapporo, Hokkaido, NHK2. 1504 11/2 – Strong with Japanese talk and programming.
+ 1455 11/3 – English lessons at fair level with some splatter; parallel 693. Growing in strength as local sunrise approaches.
- 756 **REP KOREA**, HLKA, Yeosu, Gyeonggi-do, KBS1. 1504 11/2 – Fair to good, with Korean talk by woman. Faded out by 1510 or so, and did not return.
- 765 **Unid CHINA**. 1501 11/3 – multiple Chinese language synchros; very echoey.
- 774 **JAPAN**, JOUB, Akita, NHK2. 1453 11/2 – Very strong Japanese talk and programming throughout the morning DX session. Weak UNID station beneath.
+ 1502 11/3 – Very good signal of English lessons program, parallel to 828. There was an unknown Chinese station beneath.
- 801 **JAPAN**, Hokkaido Hoso, Kitami, HBC. 1452 11/2 – Perhaps this HBC northern outlet; Talk and music in Japanese; parallel to 1287 and others. Poor.
- 819 **DPR KOREA**, (Joson Jung-ang Pangsong), Pyongyang, KCBS. 1457 11/2 – Tentatively this station, with poor Korean language signal beneath heavy splatter from 820, KGNW Seattle.
- 828 **JAPAN**, JOBB, Osaka, NHK2. 1501 11/2 – Very strong signal with Japanese talk and NHK2 program.
+ 1505 11/3 – Powerful signal of English lessons, with the "alphabet song", and female singing an apparent tongue-twister over and over: "which which which which wicked witch?" These English lessons are always entertaining! By 1508, JOBB had mostly faded and a Chinese station was fading up.
- 837 **JAPAN**, JOQK, Niigata, NHK1. 1501 11/2 – Presumed this stronger of the two NHK1 outlets on the frequency, with Japanese announcer. Fair level.
- 864 **Unid JAPAN**. 1509 11/3 – Poor signal of Japanese talk by male announcer. Possibly an HBC station here.
- 864 **REP KOREA**, HLKR, Gangneung, Gangweon-do, KBS1. 1453 11/2 – Good signal and parallel 738 with Simon & Garfunkel tune. A low level of Japanese synchros in background.
- 873 **JAPAN**, JOGB, Kumamoto, NHK2. 1454 11/2 – Japanese talk by woman; good signal and parallel 828.
- 891 **JAPAN**, JOHK, Sendai, Miyagi, NHK1. 1457 11/2 – Rapid fire talk in Japanese by two male announcers, and parallel to 666 JOBK. Fair to good. I noted another co-channel signal with Chinese singing at 1512+.
- 900 **JAPAN**, JOHO, Hokkaido Hoso, Hakodate, HBC. 1452 11/2 – Talk and music in Japanese; parallel to 1287 and others. Poor.
- 900 **Unid**. 1514 11/3 – Hindi a capella vocals. Fair and in the clear, with occasional het on frequency. Other songs noted, mostly one or two instruments and singing in Hindi. Only other stations on 900 were an extremely low level jumble behind the Hindi singer. Who is this?
- 918 **Unid JAPAN**. 1455 11/2 – Noted a low power Japanese signal here, with two male announcers. Fair.
- 936 **REP KOREA**, HLKD, Sarang-e Sori, Changwon, KBS3. 1455 11/2 – Tentative, with possible Korean talk in strong splatter.
- 945 **CHINA**, Jiaohu, Jilin, CNR1. 1500 11/2 – Fair in Chinese, in splatter of KJR. ID, time pips, and into musical jingle/IS.
+ 1531 11/3 – Fair signal in Chinese. Presumed.
- 972 **REP KOREA**, HLCA, Hanminjok Bangsong, KBS. 1459 11/2 – Powerhouse signal, with Korean pop music, instrumentals, KBS IDs, and time pips to top of the hour.
+ 1533 11/3 – Two women in Korean with interview or discussion. Good level.
- 981 **CHINA**, CNR1. 1504 11/2 – A jumble of Chinese signals here; presumed CNR1 synchros.
- 1008 **JAPAN**, JONR, Asahi Hoso, Osaka, ABC. 1536 11/2 – Good signal on peaks, with man and woman in Japanese. Nice "ABC" ID at 1454.

- 1017 **CHINA**, Changchun, Jilin, CRI, CNR1, CNR8. 1505 11/2 – Man and woman in Korean; poor to fair.
- 1035 **JAPAN**, JOJD, Tsuruoka, Yamagata, NHK2. 1513 11/2 – Presumed this northernmost outlet out of a number of 3rd tier NHK2 stations. Male & female Japanese talk, parallel 774. Fair level only briefly at 1513.
- 1044 **CHINA**, Changzhou, Ji'angsu, CRI. 1459 11/2 – Presumed this with female announcer in Japanese, co-channel with a KBS1 station in Korean. Fair on peaks.
- 1044 **REP KOREA**, KBS1. 1459 11/2 – Noted in Korean with male speaker, co-channel with CRI in Japanese. Fair at best.
- 1062 **REP KOREA**, HLLKQ, Cheongju, Chungcheongbuk-do, KBS1. 1453 11/2 – Noted music by Simon and Garfunkel "Bridge Over Troubled Water"; parallel to KBS1 on 864. Good.
- 1071 **CHINA**, Urumqi, Xinjiang, Urumqi RGD. 1541 11/3 – Tentative. A selection of vocal tunes noted in a guttural language, possibly the Uighur listed in PAL. Fair level.
- 1071 **JAPAN**, JOFK, Hiroshima, NHK1. 1457 11/2 – Fair level with Japanese talk, parallel to 594. Co-channel with UnID. Asian station.
- 1089 **JAPAN**, JOHB, Sendai, Miyagi, NHK2. 1517 11/2 – Talk in Japanese; parallel 774. Fair signal.
- 1098 **JAPAN**, JOFN, Hokkaido Hoso, Kitahiyama, HBC. 1452 11/2 – Only identified via parallel to 1287. Talk and music in Japanese. Poor.
- 1107 **UnID JAPAN**. 1535 11/2 – Poor signal of Japanese talk; multiple networks and low power outlets listed here.
- 1116 **UnID JAPAN**. 1453 11/2 – A jumble of fair level signals here; all seemed to be in Japanese.
- 1125 **UnID JAPAN**. 1521 11/2 – Man in Japanese; fair signal for this UnID. 3rd tier and parallel 774.
- 1125 **UnID**. 1500 11/2 – Strange, "swooshing siren" sound (time pips?) noted exactly at 1500, followed by a single standard time pip (tone). What – or who – is this?
+ 1500 11/3 – Same "swooshing siren" sound (interval signal? strange time pips?) heard on this frequency like yesterday, same time. Poor signal this time however.
- 1134 **JAPAN**, JOQR, Bunka Hoso, Tokyo, NCB. 1456 11/2 – Good signal of Japanese female announcers laughing and talking, but co-channel with equally strong HLKC Korea.
+ 1430 11/3 – Women in lively conversation in Japanese; good signal on peaks but splatter seemed worse. Signal strengthened remarkably about five minutes prior to local sunrise.
- 1134 **REP KOREA**, HLLCK, Sarang-e Sori, Kimpo, KBS3. 1456 11/2 – Good signal in Korean, but co-channel with JOQR.
- 1143 **UnID**. 1521 11/3 – JOQR faded down at 1521, and was replaced by an unidentified pop music station; tuned sounded like something from Heart, or maybe a foreign language cover of a Heart tune. Poor level.
- 1170 **REP KOREA**, HLSR, Hanminjok Bangsong, KBS World R. 1452 11/2 – Strong signal with women announcers in Korean, parallel to 972, dominating KPUG & KLOK, both with dominated the frequency at various times in the following 45 minutes through local dawn.
- 1179 **JAPAN**, JOOR, Mainichi Hoso, Osaka, MBS. 1457 11/2 – Lots of laughing and talking in Japanese; powerful signal.
+ 1424 11/3 – Lively talk by women announcers in Japanese. Quick "MBS" ID noted at 1425:07. Fair signal.
- 1188 **JAPAN**, JOKP, Kitami, Hokkaido, NHK1. 1507 11/2 – Fair level under splatter, with Japanese talk by man. Parallel 666.
+ 1453 11/3 – Poor signal; barely recognizable as Japanese. Tentative.
- 1197 **UnID JAPAN**. 1526 11/2 – Weak 3rd tier Japanese here; just strong enough to ID the language.
- 1197 **JAPAN**, synchros. 1447 11/3 – Low level Japanese synchro station(s); very weak.
- 1206 **CHINA**, Yanji, Jilin, Yanbian RGD. 1457 11/2 – Man and woman in Korean; not parallel to any KBS frequencies heard this morning. Fairly good signal. Thanks Nick Hall-Patch for the head-up on China in KK here.
+ 1414 11/3 – Korean talk by man and woman; faded down to a mumble by 1500 top of the hour. Fair.
- 1215 **UnID**. 1518 11/3 – This was an empty frequency until 1518, when a station playing a Fleetwood Mac song rose up from the noise, and back down in a couple of minutes. No clues whatsoever to this one's location.
- 1242 **JAPAN**, JOLF, Nippon Hoso, Tokyo, NBS. 1521 11/2 – Male announcers in Japanese. Poor.
+ 1518 11/3 – Fading in and out with Japanese talk. Fair.
- 1251 **UnID CHINA**. 1522 11/2 – Very weak signal in Chinese.
- 1269 **JAPAN**, JOHW, Hokkaido Hoso, Obihiro, HBC. 1452 11/2 – Perhaps this stronger of the two northern Japan HBC outlets. Talk and music in Japanese; parallel to 1287 and others. Weak signal.
- 1287 **JAPAN**, JOHR, Hokkaido Hoso, Sapporo, HBC. 1452 11/2 – Japanese talk and distinctive tune that sounded like it's from a musical drama. Very good signal, and parallel these other HBC frequencies: 801, 900, 1098, and 1269 (all of them very weak.)
- + 1505 11/3 – male & female announcers, music jingles, overall lively programming. Signal was quite strong at times.
- 1314 **JAPAN**, JOUF, Osaka, OBC, R Osaka. 1456 11/2 – Man and woman talking and laughing in Japanese; mentions of Tokyo. Poor to fair at best. Presumed HLKM in Korean noted beneath.
+ 1521 11/3 – Talking in Japanese by two females; no sign of any stations on the frequency until 1521 after local SR. Good level.
- 1323 **CHINA**, CRI. 1500 11/2 – RGD ID, trumpet fanfare, woman with ID and talk in Russian. Good signal.
- 1323 **CHINA**, Huadian, Jilin, VOR. 1422 11/3 – Good signal with Russian talk, but only briefly around 1422.
- 1332 **JAPAN**, JOSF, Nagoya, Aichi, Tokai Hoso. 1520 11/2 – Japanese talk. Fair signal in splatter.
+ 1506 11/3 – Lively conversation in Japanese. Fair to good.
- 1377 **JAPAN**, NHK2. 1453 11/2 – Unidentified 3rd tier Japanese station with female talk. Fair and parallel 774.
- 1386 **JAPAN**, JOQC, Morioka, Iwate, NHK2. 1454 11/2 – Most likely JOQC here, with Japanese talk that was parallel 774.
+ 1512 11/3 – Most likely Morioka on the frequency out of four transmitters, since it is the farthest east and north. Mello vocal and vibraharp-type instrument; parallel to 747. Fair.
- 1422 **JAPAN**, JORF, Yokohama, Kanagawa, RF, RF R Nippon. 1511 11/3 – Weak signal, but clearly Japanese talk by a man and woman.
- 1503 **JAPAN**, JOUK, Akita, NHK1. 1458 11/2 – Man in Japanese, parallel to 666. Good level.
- 1548 **AUSTRALIA**, 4QD, Central Queensland, Emerald QLD, ABC. 1503 11/3 – Woman in English, with news items. Poor signal; this was the only DU station heard the entire DXpedition.
- 1566 **REP KOREA**, HLAZ, Jeju, Jeju-do, FEBC. 1458 11/2 – Good to very good reception in Chinese, with usual talk, hymns, etc., and ID at 1500.
+ 1518 11/3 – First noted at top of the hour with ID in Chinese, then strengthening post-1500. Fairly good overall.
- 1575 **THAILAND**, Ban Phachi, Ayutthaya, VOA. 1457 11/2 – Fair level in listed Burmese. Language seemed to change at 1500, but I'm not positive.



DXpedition to Grayland WA on October 19, 2013

Bruce Portzer

Winradio Excalibur, Microtelecom Perseus, 1100 foot northwest Beverage antenna

- 540 **CHINA**, CNR1. 1400 & 1500 pips u/CBXQ at ToH.
- 558 **REP KOREA**, KBS. 1350-1405 fair w/Korean talk, distinctive chimes at ToH, light pop tunes; 1600 jingle and woman both mentioning KBS, then 3+1 pips.
- 567 **JAPAN**, JOIK, Sapporo. 1405 good w/National news, then start of local Hokkaido news.
- 567 **REP KOREA**, HLLKF, Jeonju. 1405 fair Korean talk //711 u/JOIK, then music.
- 585 **UnID**. 1430 music not //594.
- 594 **UnID CHINA**. 1400 weak 5+1 pips u/JOAK 1400:20, audio traces 1402.
- 603 **CHINA**, Donfang, CRI. 1400 IS & opening fanfare mixing w/UnID Chinese station.
- 603 **JAPAN**, NHK. 1251 weak radio drama //594.
- 603 **UnID CHINA**. 1400, time pips then Chinese comedy program.
- 621 **CHINA**, Heilongjiang. Fair-poor 1451 Chinese ID //1341.
- 621 **DPR KOREA**. 1327, patriotic mens chorus on 620.96, much 630/630 QRM.
- 630 **CHINA**, CNR2, 1400-1402 poor w/pips, Chinese inst music, Chinese talk mixing domestics.
- 639 **CHINA**, CNR. 11500 good pips, ID, Chinese talk.
- 648 **RUSSIA**, VoR. 1400 poor-good opening announcement & ID in English, then news riffs.
- 657 **CHINA**, Henan RGD. 1431 Chinese talk u/DPRK, 1433 woman "Henan (?) Guangbo."
- 675 **JAPAN**. 1400 weak pips & news //594.
- 675 **VIETNAM**. 1442 Vietnamese talk o/UnID.
- 693 **JAPAN**, JOAB, Tokyo. 1540 local ID, NA s/off.
- 720 **CHINA**, CNR2. 1500 pips, music & Chinese talk u/KFIR.
- 720 **DPR KOREA**. 1400 dominant possible ID, pips, woman in Korean, music, VOR IS & KFIR in background.
- 729 **JAPAN**, JOCK, Nagoya. 1420 good w/drama or discussion w/adults & child //594.
- 738 **UnID CHINA**. 1500, pips & talk u/Taiwan.
- 765 **CHINA**, Nei Menggu RGD. 1431 good elaborate ID listing all the transmitter sites.
- 765 **UnID**. 1040 blues music fair, possibly one of the Japanese stations.
- 774 **UnID CHINA**. 1240 CC talk u/JOUB.

783 **CHINA**, Hebei RGD. 1500 fair pips and ID.
 792 **CHINA**. 1000 weak 5+1 pips, time check, Chinese talk.
 792 **CHINA**. 1308 Chinese phone talk program.
 792 **JAPAN**, NHK1. 1500 very poor w/pips + talk //594.
 819 **REP KOREA**, HLCN, Gwangju. 1400 poor MBC chimes u/DPRK, then Korean talk.
 828 **JAPAN**, JOBB, Osaka. 1258 good ending Portuguese lessons, Samba music to ToH, pips, then sedate Japanese male, o/UnID Chinese station.
 828 **UnID CHINA**. 1408 Chinese u/JOBB.
 830 **ALASKA**, KSDP, Sandpoint. 0600 ID then NPR World Café program.
 837 **JAPAN**, JOQK, Niigata. 1421 fair JJ talk //594.
 846 **JAPAN**, JOCP et al. 1100 weak 3+1 pips, male talk //594.
 873 **UnID CHINA**. 1400 China pips, Korean talk mixing with DPRK & JOGB.
 882 **CHINA**. 1600 weak Chinese talk.
 882 **DPR KOREA**. 1408 weak female operatic //819, measured on 882.38.
 891 **CHINA**. 1430 good Chinese talk, chimes TC, 3+1 pips, mixing w/Thailand(?)
 900 **CHINA**, Heilongjiang. 1440-1455 poor parallel 1341 & 621.
 900 **JAPAN**, JOHF, Yonago. 1059 weak Sanin Hoso ID.
 900 **REP KOREA**, HLKV, Seoul. 1400 weak MBC chimes mixing w/Chinese talk.
 900 **USA**, KBIF, Fresno. 1300 fair man in Hmong or Lao, phones #s given in English, then KBIF Fresno ID twice.
 909 **JAPAN**, STV, 1400 chime matching JOWF-1440.
 909 **JAPAN**. 1500 NHK pips woman NHK ID, then woman not//594.Chinese talk before ToH.
 918 **JAPAN?/CHINA**. 1500 3+1 very weak, then China pips + ID from unknown station.
 930 **ALASKA**, KTKN, Ketchikan. 0339 local oldies, community calendar promo.
 936 **UnID**. 1400 tone + Big Ben chimes poor in jumble, 1600 weak Japanese woman before ToH, then China pips.
 945 **CHINA**. 1349 very echoey audio mixing with CNR1, probably Heilongjiang farm network.
 954 **CHINA**, Hulun Buir RGD. 1400, fair pips, weird music, Mongolian talk.
 972 **UnID**. 1429 UnID language mixing w/KBS, didn't sound like Chinese, possibly Xingjiang in Kazakh.
 999 **CHINA**, Aihui RGD. 1500 fair- weak in KOMO splatter w/English ID by man mentioning 91.2 FM and 99.9 AM, Chinese ID by woman. Not listed in WRTH or PAL. According to Web, it began operation in August.
 1008 **CHINA**, Shaanxi PBS. 1500 pips + ID barely atop several other stations.
 1017 **JAPAN**, JOLB, Fukuoka. 1250 Portuguese lesson.
 1026 **CHINA**, Beijing RGD. 1400 & 1430, good ID mentioning AM+FM.
 1044 **CHINA**, CRI. 1400 fair with IS & trumpet fanfare ID in Japanese/Chinese by man and woman in mucho splat.
 1044 **REP KOREA**, HLCD/HLCI. 1500 weak man in Korean, pips, woman w/news.
 1053 **REP KOREA**, jammer. 1402 jammer abruptly went off leaving JOAR + 1 other.
 1062 **REP KOREA**, HLKQ. 1400 weak woman w/ID, pips, news.
 1071 **CHINA**, Tianjin. 1500 good ID "Tianjin Jingji Guangbo."
 1098 **CHINA**, Golmud, CNR1. 1420 alternating man & woman in Tibetan //7350.
 1107 **UnIDs CHINA/JAPAN**. 1429 echoey Chinese, then Japanese talk.
 1116 **UnID CHINA**. 1430 good woman in Chinese.
 1125 **CHINA**, Hebei JGD. 1429 fair echoey Chinese ID "Hebei Jingji Guangbo."
 1161 **TAIWAN**, BCC Country Net.1500 fair chime IS, Chinese talk.
 1170 **REP KOREA**. 1400, 3+1 pips, KBS World Radio ID o/u KPUG.
 1179 **CHINA**, Wuhan Hubei RGD.1400 good Chinese ID o/JOOR, Same thing 1500.
 1197 **UnIDs JAPAN/CHINA**. Japanese talk, Chinese pips 1500.
 1206 **CHINA**. 1430 UnID Chinese language station mixing with Yanbian.
 1224 **CHINA**, Nei Menggu RGD. 1500 Chinese ID "Nei Menggu Renmin Guangbo Dientai."
 1224 **JAPAN**, JOGK, Kanazawa. 1423 Japanese talk//594.
 1251 **CHINA**, CNR1. 1500 good w/ID and time pips //981, sounded much stronger than listed 1 kW.
 1269 **CHINA**, CRI. 1400 & 1500 fair w/IS mixing w/Japan and KKDZ IBOC QRM.
 1296 **CHINA**, CRI. 1500 fair w/IS & trumpets.
 1314 **JAPAN**. 1500 weak Japanese talk.
 1314 **UnID**. 1610 Christian-sounding music. Philippines?
 1330 **ALASKA**, KXXJ, Juneau. 0459 local-like w/promo for several Juneau stations, legal ID, oldies.
 1341 **CHINA**, CRI. 1430, weak IS u/another Chinese.
 1341 **CHINA**, Heilongjiang PBS. Chinese news program good, ID 1451 //621.
 1386 **CHINA**, Tianjin. 1400 fair AM/FM ID "Tianjin Shenghuo Guangbo" o/u Korea.
 1386 **REP KOREA**, HLAM. 1600 weak MBC chimes, also 1500 into Korean news.
 1395 **CHINA**, Anhui RGD. 1459, fair long list of cities/frequencies, 3 long+1 long pips, "Anhui Xiaoshuo Pingshu Guangbo" ID.
 1404 **UnID CHINA**. 1500 weak Chinese talk.

1422 **CHINA**. 1400-1500 fair talk show hosted by woman, loud at times mostly o/JORF, 1457 weird music to ToH.
 1458 **CHINA**, Nei Menggu PBS. 1500 fair in Mongolian.
 1467 **JAPAN**, NHK2. 1540 weak s/off with NA & music box.
 1467 **REP KOREA**. 1500 fair pips & Korean talk o/UnID Chinese.
 1476 **UnID CHINA**. 1440-1530+ nonstop pop songs, 10 pips (or more likely 2 sets of unsynchronized pips) + nonstop music across ToH.
 1503 **UnID CHINA**. 1500 weak Chinese u/JOUK, dominating mostly o/JOUK 1400-1430+.
 1512 **UnID**. 1447 man in Chinese?
 1539 **CHINA**, Golmud, CNR1. 1426-1430 good Chinese //981, time signal at BoH, sounded like news headlines 1430.
 1548 **SRI LANKA**, Trincomalee, Athmeeya Yathra via SLBC. Mostly inaudible except bits of talk and music 1445, flute IS in 1550 splatter 1529.Reception confirmed by Victor Goonetilleke based on the flute IS.
 1566 **REP KOREA**, HLAZ, Cheju. 1202 English lesson about covetousness.
 1575 **JAPAN**, AFN. 1500 fair English ID during pause In VOA program.
 1575 **UnID**. 1500 fair w/man shouting in Chinese during VOA program pause.
 1584 **JAPAN**, NHK1. 1600 weak pips.

IRCA TECHNICAL COLUMN

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7.5" Loopstick Tecsun PL-380 Model

Transform Your Tiny Tecsun Into a World-Class MW or LW-DXing Portable

By Gary DeBock



Introduction In late 2009 China's Tecsun company introduced several new Ultralight radios based on Silicon Labs' innovative Si4734 DSP chip, providing breakthrough AM-band selectivity to the pocket radio class. Although this DSP filtering was certainly not in the same league as that provided by advanced communication receivers, it definitely made these new Ultralight radios far more competitive in split-frequency transoceanic DXing than other pocket radios. Unfortunately the Tecsun company never addressed the other major

shortcoming for those pocket radio owners eager to push their transoceanic DXing luck on ocean beaches and elsewhere—relatively deaf, midget-sized loopsticks. Unlike the Sony and Panasonic companies in Japan, none of the Chinese radio makers had any experience in designing and manufacturing sensitive loopsticks... and the tiny, flat antennas installed in the PL-380 seemed to be a cost-cutting afterthought. In the opinion of many technically-minded hobbyists, the transoceanic DXing potential of these new DSP Ultralight radios was being practically wasted by their lame stock loopsticks.

Solutions Besides the obvious option of boosting weak-signal sensitivity by direct or inductive coupling to large external antennas, another option was sought by those who wanted a sensitive "travel portable." This would boost up the Medium Wave (or Longwave) sensitivity far above that provided by the midget stock loopsticks (as well as enhancing the radio's nulling capability), but essentially retain the model's portability. The general goal was to provide a large sensitivity boost to complement the new DSP radio's breakthrough selectivity boost, thereby creating a well-balanced transoceanic DXing radio competitive with any other portable on the planet in both sensitivity and selectivity. This was the guiding principle behind the development of the 7.5" loopstick Tecsun PL-380 models-- far and away the most popular antenna modification in the history of the Ultralight radio enthusiast group.

Why the PL-380 Model? Since the Tecsun company has introduced a variety of DSP-enhanced Ultralight radios (such as the PL-310, PL-380, PL-606 and the PL-505) with selectable filtering options down to the 1 kHz DSP level, readers may wonder why the PL-380 has become the preferred model for this enhanced loopstick modification. The reason is related to the “soft mute” function, a dubious feature engineered into the Si4734 DSP chip to mute the receiver when a weak signal falls below a certain threshold. For some reason the PL-380 has always been manufactured with a lower “soft mute” threshold than the other Tecsun DSP Ultralights, allowing a DXer to tune 1 kHz up or down from a DX station’s frequency (to escape domestic splatter, for example) without the DX station’s audio dropping off severely because of the “soft mute.” function. Transoceanic DXers will really appreciate this advantage, since at least in the highly populated areas of North America, almost every split-frequency reception is on a frequency with some degree of domestic splatter. The PL-380 is also generally a solidly-built portable, engineered for easy disassembly, and has front panel construction which gives it a moderate degree of rain protection. Of course the survivability of any portable depends upon the quality control of the originating factory and the care of the owner, but the author has several PL-380’s which have survived numerous ocean coast DXpeditions for 3 years (the first models were manufactured in late 2009).



PL-380 Ordering Notes The Tecsun PL-380 is manufactured only in China, and generally has a good quality control record. Although most of the exported models were originally sold via eBay sellers in Hong Kong and Mainland China, the popularity of the radio has increased to the point where it is now stocked by several eBay sellers in North America-- which offer free shipping and a one-year warranty. As of this date (September 2013), the lowest price available from these sellers is \$47.99 from Kaito-electronics-inc., which provides free USPS Priority Mail shipping with each order.

The Tecsun PL-380 is available in three different colors—black, gray, or silver. If you have a certain color preference, make sure that your eBay seller is going to ship you your chosen color before placing your order (most of the eBay sellers don’t tell you what PL-380 color you will get on the listing, since it’s a hassle for them to stock all three colors). The model is typically sold with a real load of accessories— included in the PL-380 shipping package are three rechargeable AA batteries, a USB cable to charge the batteries from a computer, an English owner’s manual and registration card, a vinyl carrying case, stereo ear bud phones and case, a clip-on wire antenna, and a wrist strap attached to the PL-380 cabinet. Some sellers even offer an AC adapter to charge the batteries.

Realistic Expectations Although this 7.5” loopstick upgrade will certainly make your PL-380 far more sensitive than the stock model on Medium Wave or Longwave, it is not designed to compete with large (2’ sided or larger) inductively coupled box loops or any of the new FSL antennas. And although the sensitivity upgrade will boost the PL-380’s MW band weak-signal performance up to the level of classic portables like the ICF-2010 and RF-2200, the PL-380 does not have the SSB capability that these classic portables have (which is a significant advantage in transoceanic DXing). On the other hand the PL-380’s breakthrough DSP selectivity will generally exceed that offered by these classic portables, so the overall DXing capability may be considered roughly equal. In comparison to the classic Eton E1 portable, the modified PL-380 will have DSP selectivity roughly equivalent to that offered by the E1’s premium Murata CFJ455K5 IF filter, roughly equivalent sensitivity, along with far superior nulling ability (the E1 has no loopstick, but uses a whip antenna for MW and LW reception). The PL-380 also has multiple digital signal search modes which are not available on the other portables, which may possibly offer a DXer greater convenience while listening for certain stations at an unfamiliar location.

Project Overview This construction article will provide the builder with step-by-step instructions to upgrade the PL-380’s loopstick to a much more sensitive, externally-mounted 7.5” Medium Wave or Longwave loopstick replacement. Both the Medium Wave and Longwave 7.5” loopstick designs have been thoroughly tested and proven effective in actual DXing by hobbyists other than the author, and as long as the instructions are followed carefully, this relatively inexpensive modification will provide a major improvement in the PL-380’s weak-signal reception capability.

This modification project involves close-order soldering on the PL-380’s circuit board, and should only be attempted by builders with reasonably good eyesight, good hand coordination, and soldering experience. The project also calls for the use of a precut plastic loopstick frame to attach the antenna to the top of the PL-380’s top front cabinet surface, and the construction of this precut plastic frame requires either the use of a 12” (or larger) power miter saw, or some rather lengthy cutting with a hacksaw. Use of a power miter saw SHOULD NOT be attempted by those without serious power tool experience! The author assumes that only qualified power tool operators will attempt to use a 12” miter saw to cut these frames quickly, and that other builders who wish to construct them will use a hacksaw. As such, only basic cutting instructions are provided for the 12” power miter saw

users, while detailed instructions are provided for the hacksaw users. To assist builders who are not qualified to use power tools, the author has prepared a LIMITED number of these precut plastic loopstick frames on a power miter saw, which will be offered at cost to these builders on a first come, first served basis.

A final warning is in order concerning the step of gluing the precut plastic loopstick frame to the top of the PL-380’s front cabinet surface. Although this step is not dangerous, it is pretty tricky. Since the superglue “grips” very rapidly, you will only get one chance to ensure that the frame is straight, and centered on the PL-380’s top front cabinet surface. Do yourself a favor, and make multiple “dry runs” to practice this important step before applying the glue! Failure to take this step seriously will probably result in crooked loopstick frame—which will hold the antenna just fine for DXing purposes, but which will be an eternal reminder of the hazards of haste.

Construction Parts Required This 7.5” loopstick PL-380 construction article will guide you through the assembly of either a 7.5” Medium Wave loopstick PL-380 or a 7.5” Longwave loopstick PL-380, so make sure that you order the parts necessary for construction of your chosen model. The picture here shows the parts that will be necessary for construction of either model, but the Litz wire and 7.5” ferrite rod components differ according to the band of choice.

- A) Tecsun PL-380 Receiver, available from multiple sources (see ordering notes earlier in the article)
- B) Scotch brand “Extreme” strapping tape (any size roll)
- C) 15 feet (4.6 meters) of 250/46 Litz wire (Medium Wave model) (see below for supplier info¹) OR 25 feet (7.7 meters) of 100/44 Litz wire (Longwave model) (see below for supplier info²) ; from eBay seller “Mkmaq222”
- D) Two 120 lb. test plastic tiewraps (any length over 6”)
- E) Ace Hardware 48” orange plastic carpenter’s level (provides enough plastic for two loopstick frames)
- F) Two 3/4” lengths of .5” I.D. clear vinyl hose
- G) Two 1” lengths of 5/8” I.D. rubber hose
- H) Roll of 2” Johnson & Johnson waterproof (medical) tape OR roll of 1” Rite-Aid waterproof tape
- I) Amidon 7.5” x .5” ferrite rod, part no. R61-050-750 (MW model) OR part no. R33-050-750 (LW Model), available at <http://www.amidoncorp.com/rods-and-tiles/>

Miscellaneous: 3” of 3/16” shrink tubing, one packet of Duro Super Glue (.07 ounce size), solder, 25w (low heat) soldering iron, hacksaw (or power miter saw), screwdriver set, sandpaper (optional)



PL-380 Preparation Before voiding the warranty on your new PL-380, it's a good idea to ensure that it has no existing problems which might require warranty service ☺ Install batteries in the radio, and give it a test run on all four bands, checking the tuning encoder, clock, volume control, speaker, headphone jack, display functions, (ed. note: some late model PL380s have been reported to emit digital hash from the display) and digital searching modes. Make sure that the radio is working properly in all functions before starting the modification procedure, since the eBay sellers are unlikely to show you any sympathy after you tear out the stock loopstick. It's also a good idea to check out the Medium Wave (or Longwave) weak signal reception with the stock loopstick before starting the modification, to establish a benchmark of performance against which the new 7.5" loopstick's DXing performance will be compared.

(part 2 to follow)

Litz wire suppliers:

- 1) http://www.ebay.com/itm/Litz-wire-250-46-0-04-mm-for-crystal-radio-coil-Loop-antenna-100/160804560511?pt=LH_DefaultDomain_0&hash=item2570b2de7f
- 2) http://www.ebay.com/itm/Litz-wire-100-44-for-crystal-set-coil-Single-layer-100-/150624865811?pt=LH_DefaultDomain_0&hash=item2311f10e13

IRCA Mexican Log, 18th Edition (Winter 2013)

The **IRCA MEXICAN LOG** 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 transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

Prices: IRCA/NRC members – \$9.50 (US), \$10.50 (Canada), \$12.00 (México), \$13.00 (rest of the world). Non-IRCA/NRC members – add \$2.00.

To order from the IRCA Bookstore, send the correct amount to: **IRCA BOOKSTORE**, 9705 MARY NW, SEATTLE WA 98117-2334 (PayPal [add \$1.00] email: phil_tekno@yahoo.com). Please state club affiliation when ordering.

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 members** – \$2.25 (US/Canada/Mexico/sea mail), \$3.00 (rest of the Americas/Europe airmail), \$4.00 (Australia/New Zealand airmail). Non-IRCA members – add \$1.00.

An Introduction to Broadcast Band DXing

This tri-folded brochure is ideal for explaining the Broadcast Band DXing hobby and the IRCA. It can be included with reception reports and given to other interested folks. Sub topics include: What is DXing?, Broadcasting's early years, The first DXers, Clubs helped listeners share. Our hobby today and DX clubs still unite listeners. It is two color printed on heavy stock. Price is \$0.35/brochure (US and Canada), \$1.00 (rest of the world). Minimum order is 10.

To order any of the above items from the **IRCA Bookstore**, send the correct amount (in US funds payable to **Phil Bytheway** – which will be returned if not made out to **Phil Bytheway**) to: **IRCA BOOKSTORE**, 9705 MARY NW, SEATTLE WA 98117-2334 (email: phil_tekno@yahoo.com).

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 the foreign BCB DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations by subject, construction projects and receiver modification, receiver reviews, medium wave propagation, and more. Copies are available for a nominal charge. Price for the complete list is \$1.00.

New from the IRCA reprint service. "IRCA REPRINTS ON CD"!!! 648 Reprints. The entire set, now on one CD. Only \$10.00 (US/Canadian IRCA members, overseas contact Phil.) Categories include: Antennas, Domestic, Foreign, History, DX Lists, Receivers and Receiver Modifications, and Technical.

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Pay electronically with PayPal-add \$1 to all prices above. Go to www.PayPal.com, then send your funds to phil_tekno@yahoo.com (Phil Bytheway).



ARRL Hamfest Calendar

As you may know (and I can say this from experience-EiC), a Hamfest is a great place to find good deals on new and used receivers, wires and cables for antenna projects, and other hobby-related needs. The American Radio Relay League has a Web page to help you find a Hamfest near your home QTH or while you're traveling to other parts of the country. You can search by Zip Code, select from Hamfests within 25, 50, 100 and 250 miles of your home QTH, as well as city and state. (Searching by ARRL division and section is only for the Ham-savvy, hi.) To find a Hamfest in near your home QTH, visit <http://www.arrl.org/hamfests-and-conventions-calendar> and plug in your location or Zip Code. You'll be able to find upcoming Hamfests in your local area.

IRCA Facebook Page

The IRCA's Facebook page is now online! This is a new feature of IRCA, featuring photos of transmitter sites (many of which provided by CDXR Editor John C. Johnson), members' shacks (your Editor-in-Chief included) and plenty of information. If you have a Facebook page, enter "International Radio Club of America" into your Facebook search engine, then click the "Like" icon. Many thanks to Mike Sanburn (KG6LJU) and John C. Johnson for setting this page up.

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 35 times a year (weekly from November through March, twice monthly from April to November) and in printed form 30 times a year (weekly November through March, monthly April to November). **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.



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Pay electronically with PayPal – add \$1 to all prices above. Go to www.paypal.com, then send your dues to ircamember@ircaonline.org – contact Lynn Hollerman for more information.

Sample copies of DX Monitor are unavailable at the present time. Stay tuned to this space for further developments.

For information on **subscribing to the IRCA mailing list** at Hard-Core-DX, a group e-mail service, contact the moderator, Lynn Hollerman at lynnhollerman@yahoo.com.

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