



# DX MONITOR

The official publication of the  
International Radio Club of America

September 5 2015 – Volume 53 Number 2 – Edition 1674 – ISSN 899-9733

No new members this time, lots of DX though. Deadline for our next issue (2 weeks) is **Monday 9/14 @ 6 PM PLT.**

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## IRCA Slogans List (Winter 2015)

This completely revised Slogans List includes radio slogans from the US and Canada (over 4400).  
Prices: **IRCA/NRC members** – \$7.25 (US), \$8.50 (Canada) \$10.00 (México), \$10.75 (rest of the world). **Non-IRCA members** – add \$1.00.

To order, send the correct amount (in US funds payable to **IRCA**) to: **IRCA GOODIE FACTORY, 9705 MARY NW, SEATTLE WA 98117-2334**. Or, order through PayPal [add \$1.00] to email: **phil\_tekno@yahoo.com** (Phil Bytheway). Please state club affiliation when ordering.

## 2016 CONVENTION NEWS

The **NRC** BoD has approved of next year's convention in Kansas City. 9/8-9/11/2016.

**Thursday** – First nights sleeping room.

**Friday** – Convention begins for tours and pizza party (out of area)

**Saturday** – Meetings, tours, banquet, business meeting, auction.

**Sunday** – DX Quiz, on your own. Convention ends at noon.

Hosts are **Dale Hamm** and **Ernie Wesolowski** (**neerniew@yahoo.com**).

Open to all DXers, program subject to changes as of 8/20/15.

## 2015 CONVENTION TALKS

All of technical papers from the 2015 joint DX Convention are now available for listening or downloading at **durenberger-dot-com**. Mark Durenberger, CPBE.



**IRCA PRESIDENT** – **Phil Bytheway** – 9705 Mary NW – Seattle WA 98117  
E-mail: **phil\_tekno@yahoo.com**

## 2016 IRCA CONVENTION BID

Anyone thinking about hosting an IRCA (or combined) convention in 2016, contact me at the address above. The deadline for bids is October 15th 2015.



**ELECTION RESULTS** – **Nick Hall-Patch** – 1538 Amphion St – Victoria BC Canada V8R 4Z6  
E-mail: **nhp@ieee.org**

The winner of this year? Ted Vasilopoulos Award is **Eric Bueneman** for his work as DX Monitor editor-in-chief from 2010 to 2014, for his work editing Eastern DX Roundup, his earlier work as editor of DX Worldwide East, SportsChannels and others, as well as being a regular contributor to DX Monitor over the years.

The winner of this year? Ric Heald Award is **Phil Bytheway** for stepping up as EiC in addition to duties as IRCA President, and running the IRCA Goodie Factory.

Congratulations to these winners. If anyone wants to see the exact number of votes for each candidate in the election, please contact me at **nhp@ieee.org**.



**BROADCASTING INFORMATION** – **Robert J Wien** – 14051 Belle Chasse Blvd #415 – Laurel MD 20707  
E-mail: **wienbob@aol.com** Phone: 301-477-3733 Column Deadlines: Saturdays

**DATE OF COLUMN:** August 29 2015. **Column data span:** August 15-29 2015. Data courtesy of **Stationintel.com**, FCC database and member contributions

## CALL CHANGE

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
1650	KYHN	Fort Smith, AR	WFSM

## FORMAT, SLOGAN AND SILENT STATUS CHANGES

## FREQ CALL CITY OF LICENSE

610	WTEL	Philadelphia, PA
790	KWIL	Albany, OR
850	WRUF	Gainesville, FL
850	WPTK	Raleigh, NC
870	WQRX	Valley Head, AL
900	WIAM	Williamston, NC
910	WAVL	Apollo, PA
930	WSEV	Sevierville, TN
980	KWSW	Eureka, CA
1240	WOMT	Manitowoc, WI
1290	WZTI	Greenfield, WI
1300	WSSG	Goldsboro, NC
1300	KSET	Lumberton, TX
1400	WSGC	Elberton, GA
1410	WPOP	Hartford, CT
1430	WBLR	Batesburg, SC
1440	KEYS	Corpus Christi, TX
1450	WOCN	Miami, FL
1450	WASK	Lafayette, IN

## NEW INFORMATION

was CBS Sports Radio, now ESPN Radio network, old slogan: "CBS Sports Radio 610", new: "Sports Radio 610"  
old slogan: "The Word", new: "KWIL For Christ"  
old slogan: "ESPN 850", new: "ESPN 95.3 Gainesville"  
was talk, now oldies  
old slogan: "Cadena De Las Buenas Nuevas", new: "Radio Amistad"  
was southern gospel/religious teaching, now classic country/southern gospel  
now silent  
now silent  
was silent, now travel information, adds slogan: "Destination Radio"  
was adult contemporary, now oldies  
was rhythmic oldies, now oldies, old slogan: "100.3 The Party", new: "Milwaukee's True Oldies Channel"  
was country, now Westwood One Jack FM adult hits, old slogan: "KD Country 97.7", new: "98.3 Jack FM"  
was silent, now oldies  
now silent  
was sports, now news, old slogan: "Fox Sports Radio 1410", new: "News Radio 1410"  
old slogan: "Cadena De Las Buenas Nuevas", new: "Radio Amistad"  
was sports, now new unknown format  
was unknown format, now talk, adds slogan: "News Talk 1450"  
now silent

1490	WPAK	Farmville, VA	now silent
1510	WLRB	Macomb, IL	was talk, now contemporary Christian, adds slogan: "Positive FM"
1540	WLOI	La Porte, IN	was silent, back on with Westwood One Adult Standards
1540	WXEX	Exeter, NH	was classic hits, now classic rock, old slogan: "WXEX Radio", new: "Classic Rock 92.1"
1590	WCGO	Evanston, IL	adds slogan: "Chicago's Smart Talk"
1590	WPUL	South Daytona Beach, FL	now silent

#### MEMBER CONTRIBUTIONS

**Jon Pearkins** of Edmonton AB passes along the following from Dan Sys' July 2015 Canadian Radio News, Email dated 8-14-15:

CBXQ-540 Ucluelet BC is arguably the most important CBC 40 watt LPRT to DXers, despite years of neglect and a diminishing signal: the long wire antenna is visibly sagging these days. The CBC has just applied to move CBXQ to FM, so the upcoming DX Season may be your last chance.

Personal Notes: In October 1979, they were the strongest non-local signal in Coos Bay, Oregon at Noon; in Vancouver in the late 1960s, with CBK off the air, they were, by far, the strongest LPRT; even their Open Carrier was easily discernible. (Ye-ed note: Got them a time or two in San Jose, CA back in 1980's when I lived there so they do get out well).

One week till Labor Day w/e, I have a friend coming out from California to visit here, I'll show him all the sites of Maryland and DC. DX conditions should be improving as the days are getting shorter now and temperatures are getting cooler (definitely is out here in Maryland). School's just started so that's definitely the sign that summer is winding down. Hope your DX is great. 73's. Bob Wien



**WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923**  
E-mail: [NancyJohnson@prodigy.net](mailto:NancyJohnson@prodigy.net)

**WDXR DEADLINES:** Sept 11, Sept 25, Oct 2, Oct 9, Oct 16, Oct 23, Oct 30 and Nov 6. Please use Eastern Local Time.

#### REPORTERS FOR THIS ISSUE:

(RB) **Rick Barton**-Box 1804-El Mirage AZ 85335 [desertmoon\\_dxshack@inbox.com](mailto:desertmoon_dxshack@inbox.com)  
Panasonic RF-2200, Grundig Satellit 750  
(JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 [John\\_Johnson@prodigy.net](mailto:John_Johnson@prodigy.net)  
Icom IC-R75, 75' N-S longwire, 70' E-W longwire  
(NP) **Nigel Pimblett**-331 5<sup>th</sup> St.-Dunmore AB T1B 0J9 [nige2730@telus.net](mailto:nige2730@telus.net)  
Perseus SDR and Wellbrook phased array

#### OF SPECIAL INTEREST

840 CFCW **AB**, Camrose 8/2 2315 first evening on 840, with country music and IDs relating to the new frequency, such as "Yes, you've got the right station, welcome to 840, CFCW." (NP-AB)

680 KKYX **TX**, San Antonio 8/17 mixing or over KNBR. 0028 with country music, "KKYX" jingle between songs, 0041 spot cluster with local San Antonio items. May have been on daytime power. New for me. (JCJ-AZ)

780 KKOH **NV**, Reno 8/26 0838 "On Newstalk 7-80 KKOH, and KKOH dot com." Very strong, solid, dominant on Grundig Satellit 750 with loop oriented towards Nevada and northern California. (RB-AZ)

790 KBET **NV**, Winchester 8/16 0100 ID at the hour "KBET, Winchester-Las Vegas, 790 Talk Now, Talk That Rocks," then Fox news. (NP-AB)

880 KHAC **NM**, Tse Bonito 8/14 2359 weather report, then ID "Thank you so much for listening to KHAC, Tse Bonito, part of the western Indian network, the Voice of Hope." (NP-AB)

950 KDCE **NM**, Espanola 8/23 strong over KRWZ 0037 out of country music with spots and ID. (JCJ-AZ)

1000 KOMO **WA**, Seattle 8/24 0800 ABC news to man "AM One Thousand and FM 97-7... nonstop news... 57 degrees in downtown Seattle." Good and over anything else. I have been told the beam goes straight down the coast, but at times a lobe will reach inland to here. Heard on Sony RF-2200, but frequency verified using // Radio Shack 20-629. (RB-AZ)

1120 KWWN **NV**, Las Vegas 8/15 0800 mixing with usually dominant KNZZ with ID "ESPN Radio, 1100 and 100.9 FM, KWWN Las Vegas." (NP-AB)

1210 KQEQ **CA**, Fowler 8/6 0800 Ethnic music, with inserted ID at the hour "KQEQ Fowler-Fresno." New for me, CA #165. (NP-AB)

1230 KSGG **NV**, Reno 8/14 2357 country music, dual ID at 0400 for FM 96.9 and the AM, and slogan as "The Rodeo." (NP-AB)

1340 KTOX **CA**, Needles 8/24 weak in KIKO open carrier, 0054 with spots for area. (JCJ-AZ)

KXEQ **NV**, Reno 8/15 2357 came through a couple of others with ID in Spanish by a man "KXEW AM Reno Nevada 1340 AM...." New for me. (NP-AB)

1370 KGEN **CA**, Tulare 8/15 0800 Mexican music, English language ID just past the hour as "This is KGEN, 1370 AM 94.5 FM, Tulare-Hanford, California." (NP-AB)

1390 KENN **NM**, Farmington 8/18 0704 "High Country Buick – GMC." Good on Panasonic RF-2200. (RB-AZ)

1410 KIXX **CO**, Fort Collins 8/18 weak, but alone. No KERI, 0800 "KIXX" calls, "Kicks Country AM 1410" slogans. New for me. (JCJ-AZ)

1600 KIVA **NM**, Albuquerque 8/16 2130 local spots, reference to Albuquerque to talk show, fadey. Heard fair/good on Panasonic RF-2200. (RB-AZ)

1610 WQHS744 **WY**, Dubois 8/16 0157 mixing with TIS stations from Yellowstone Park, and a Nevada DOT station, with call ID by a woman, and road report by a man. (NP-AB)

It's time for the new IRCA contest, I hope that you will join! Contest details and rules were in the last issue. The next WDXR deadline is Friday September 11 – Nancy 8/28 2100



**CENTRAL DX ROUNDUP – John C Johnson – 2922 S Olivewood – Mesa AZ 85212-2923**  
E-mail: [John\\_Johnson@prodigy.net](mailto:John_Johnson@prodigy.net) CDXR reports ONLY: [cdxr@ircaonline.org](mailto:cdxr@ircaonline.org)

#### RIDING GAIN

[EB-MO] **Eric Bueneman**, Hazelwood MO [N0UIHEric@aol.com](mailto:N0UIHEric@aol.com)  
GE Superadio III, Yaesu FRG-7, Grundig S350, Worcester Space Magnet II

[RD-NE] **Rick Dau**, South Omaha NE [drummer1965usa@yahoo.com](mailto:drummer1965usa@yahoo.com)  
Kenwood R-5000, Quantum QX Pro Loop

[RD-IA] DXing at the Hotel Davenport with the Sangean ATS-909X, Quantum QX Pro Loop

[TN-WI] **Tim Noonan**, Oak Creek WI [DXing2@aol.com](mailto:DXing2@aol.com)  
Kenwood R-1000, Radio West Loop

[SP-WI] **Sheryl Paszkiewicz**, Manitowoc WI [spaszdxer@comcast.net](mailto:spaszdxer@comcast.net)  
Grundig Sat 800 and whip

#### DOWN THE DIAL

580 WIND **IL**, Chicago. 8/21 fair signal over WHBQ, ACI from KTRS 550. 2135 noted with "Five-60 the Answer" ID into talk program. [EB-MO]

590 CFAR **MB**, Flin Flon. 8/21 fair signal over KXSP, WKZO, Cuba. 2108 noted with Gold-based Adult Contemporary format, "AR Radio" ID. MB#15.[EB-MO]

670 KHGZ **AR**, Glenwood. Fair to good in null of WSCR with Dallas Cowboys FB. Only 670 listed on the Cowboys network for 2015. CMBA (or is it still CMQ?) in Arroyo Arenas, Cuba gave this fits from time to time. [RD-IA]

680 CJOB **MB**, Winnipeg. 8/13 2142 – Good with ID as "Winnipeg's news and information leader, 680 CJOB." [RD-IA]

770 KAAM **TX**, Garland. 8/22 fair signal, alone on channel; local WEW signed off early. 2058 noted with Adult Standards format, "KAAM Garland, Dallas, Fort Worth" jingle legal ID at 2100. [EB-MO]

790 WMC **TN**, Memphis. 8/25 good signal over WKRD. 2045 noted with local spots, "ESPN Seven-90" ID into St. Louis Cardinals pre-game show. [EB-MO]  
 810 WGY **NY**, Schenectady. 8/13 2235 – Good with mention of dinosaur exhibit at the Pines Union Center, then ID as "The Capital Region's news, traffic and weather station, 810 WGY". No sign of WHB at all. [RD-IA]  
 880 CKLQ **MB**, Brandon. 8/14 fair signal over WIJR, WCBS. 0439 noted with "Q Country" ID and call letters mentioned in promo, into Country format. [EB-MO]  
 KRVN **NE**, Lexington. 8/13 2131 – Fair under WCBS with mention of the town of Axtell (which is 38 miles from Lexington) during rundown of severe weather warnings in central and southern Nebraska. [RD-IA]  
 920 WGOL **AL**, Russellville. 8/21 fair in WGNU null. 2119 with University of Alabama football promo, "Real Country Nine-20 WGOL" ID into Classic Country format. [EB-MO]  
 930 WGAD **AL**, Rainbow City. 8/14 good signal over WTAD, WKY. 0441 noted with Talladega spot, "WGAD" jingle into Oldies format. [EB-MO]  
 960 KMA **IA**, Shenandoah. 8/13 2107 – Fair with Kansas City Royals BB. Only Royals affiliate shown on 960 for this season. WDLN in nearby East Moline completely off at the time, and would stay off during my entire 24-hour stayover in the Quad Cities. [RD-IA]  
 WTCB **WI**, Shawano. 8/13 2305 – Fair with Shawano spot, then "WTCB" ID. [RD-IA]  
 1030 WBZ **MA**, Boston. 8/25 good signal over WGSF. 2049 noted with local spots, promo, "WBZ news radio 10-30" ID into call-in program. [EB-MO]  
 1150 WHBY **WI**, Appleton. 8/13 2116 – Good with Green Bay Packers FB, plus spots for a mall in Appleton and a transmission shop in Neenah. [RD-IA]  
 1170 WWVA **WV**, Wheeling. 8/25 fair to poor signal mixing with KFAQ, KBOB. 2000 noted with calls in disclaimer into Christian teaching program. [EB-MO]  
 1210 WILY **IL**, Centralia. 8/25 fair to poor signal over WPHT, KGYN. 2034 noted with "The Legendary 12-10 WILY" ID into Oldies format. [EB-MO]  
 1230 WKLK **MN**, Cloquet. 8/22 fair-good. 2300 clear calls in jingle, into AP network news. [TN-WI]  
 1240 WOBT **WI**, Rhinelander. 8/22 fair-poor. 0000 legal ID mentioning W267AF. My first new Wisconsin logging since the fall of 2012. [TN-WI]  
 1280 WMCP **TN**, Columbia. 8/25 fair to poor signal mixing with KYRO, WGBF. 2015 noted with calls and Country format. [EB-MO]  
 1370 KWRT **MO**, Boonville. 8/26 good signal over KGNO, other stations. 0449 noted with Country format, "Your Central Missouri home for Kansas City Royals baseball, Country 13-70 AM KWRT" ID. [EB-MO]  
 1380 CKPC **ON**, Brantford. 8/14 fair signal over WLRM, KCNW, other stations. 0501 noted with Country format, "Your hometown Country station, 13-80 CKPC" ID. [EB-MO]  
 1470 WCFJ **IL**, Chicago Heights. 8/16 2220 talk in unknown language, mentioned the 773 area code and Chicago. NEW logging for me. [SP-WI]  
 1490 WCLU **KY**, Glasgow. 8/25 good. 2200 with a legal ID into CBS news. A great signal, a nice logging, but the second time heard. [TN-WI]  
 1620 WDND **IN**, South Bend. 8/13 2230 – Good with mention of "U-93" in promo for morning show. [RD-IA]  
 1640 WTNi **MS**, Biloxi. 8/13 2213 – Good in WKSH null with promo for The Happy Hour morning program with Tommy D and Chuck Edwards. First Mississippi logging in the Davenport logbook. [RD-IA]  
 1690 WMLB **GA**, Avondale Estates. 8/25 fair signal over WVON. 2059 noted with Bluegrass music program, "WMLB Avondale Estates, Atlanta, the voice of the arts" legal ID into CBS News. [EB-MO]  
 1700 WEUP **AL**, Huntsville. 8/25 good signal over KBGG. 2102 noted with Urban Gospel format, "WEUP 17-hundred AM" ID, mentions of "FM 94-point-5" and Web stream, review of music played in previous segment. [EB-MO]

#### UnID

1560 unID 8/26 unID fair to poor mixing with others. 0457 noted with mention of "Y 101.7, Country Rules." [EB-MO]

#### 50 / 25 YEARS AGO

50 Years Ago – September 15 1964 issue of "DX News" – Membership was up to 179 ... **Larry Godwin** left Boulder CO for South America ... **Murray Carl Mann** had moved to Billings MT and was working at KOOK 970 ... **Gerald Matheson** of Wyoming MN said he expected trouble with the DX Letterama Contest when it came to Z and Q // 25 Years Ago – September 9 1989 issue of IRCA's "DX Monitor" ... **John C Johnson** of Billings MT received a verie from KRXR 1480 in which the station manager told he used to work for FCC's Anchorage monitoring station and was paid to DX ... **Shawn Axelrod** of Winnipeg MB told about **John Johnson's** visit and their DXpedition with **Wayne McRae** to Arnes MB ... **Neil Kazaross** of San Diego CA considered moving to New England.

#### OPEN MIKE

**Eric Bueneman** mentioned having his local 590 station silent he finally logged his 15<sup>th</sup> station from Manitoba. This year's DX Contest started September 1<sup>st</sup>. Have you joined yet? The contest is a great way to add to your station logging totals. This column was typed 8-28-15. 73, John



**EASTERN DX ROUNDUP – Eric Bueneman (NØUIH) – 631 Coachway Lane – Hazelwood MO 63042**  
 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, stock antenna, Terk AM1000 loop

#### ACROSS THE DIAL

640 KFI **CA**, Los Angeles – 8/26 0707 noted with ad for Antioch University-Los Angeles, "Southland Weather on KFI" mention. Poor signal, alone on channel; strongest signal ever! (JJR-MI)  
 730 KLOE **KS**, Goodland – 8/27 0700 noted with legal ID into Fox News Radio. Poor signal, though atop frequency; alone on the channel. (JJR-MI)  
 750 KAMA **TX**, El Paso – 8/26 0657 noted with "Kama" ID and local ads in Spanish. A poor signal was noted with no sign of WSB; alone on the channel. (JJR-MI)  
 770 KAAM **TX**, Garland – 8/25 0638 noted with Adult Standards format, including a song by Bobby Vinton, "K-Double-AM" jingle. A poor signal was noted; alone on the channel. (JJR-MI)  
 1020 KCKN **NM**, Roswell – 8/25 0700 noted with legal ID for seven stations in heavily accented English, "Radio Vision Cristiana" ID in Spanish after two songs. A poor signal was noted; atop the frequency. (JJR-MI)  
 1070 KNX **CA**, Los Angeles – 8/27 0648 noted with weather forecast predicting highs in the 80s and 90s, mention of "from CBS 2" (KCBS-TV Los Angeles – eb), followed by call letters and PDT time check. A poor signal was noted with no sign of WTSO. (JJR-MI)  
 1240 KCCR **SD**, Pierre – 8/25 2157 noted with "Senator (name too weak to decipher), tomorrow at 2:00 p.m. on Today's KCCR" mention. A poor signal was noted above the other stations before fading. (JJR-MI)  
 1590 KVGB **KS**, Great Bend – 8/27 0709 noted with announcer mentioning 792-2749 (Area Code 620 – eb) for birthday information, followed by an ad for the Great Bend Post and call letters. A poor and steady signal was noted. (JJR-MI)  
 1600 KRFS **NE**, Superior – 8/28 0656 noted with "This is 1600 KRFS Superior" legal ID into a Classic Hits format featuring a tune by Bon Jovi. A poor and steady signal was noted; alone on the channel. This is a rare catch at L'Anse. (JJR-MI)  
 1680 KRJO **LA**, Monroe – 8/28 0651 noted with "Classic Hits are here! L.A.-105" ID //FM 105.3 (KLIP Monroe, LA – eb). This is a format change from Classic Country. A fair signal was noted before fading. (JJR-MI)

#### EDITOR'S NOTES

Thanks to John, we have a column this week! The DX season is just around the corner; it's time to check the connections on your radio, and make sure your radios are ready for the upcoming season. Check out the previous issue for the rules on the IRCA Contest; if you're interested in entering, contact Nancy Johnson at the E-mail address in WDXR. 73 and good DX from NØUIH





Next deadline in 2 weeks. All times UTC/GMT.

#### TRANS-PACIFIC DX ROUNDUP

- 594 **JAPAN**, JOAK, Tokyo, NHK1. 1302 8/29 very weak signal with male speaker in Japanese. (DV-WA)  
603 **REP KOREA**, HLSA, Seoul, KBS2. 1259 8/20 weak signal with male speaker. (DV-WA)  
657 **UnID**. Weak, with music at 1226 8/28. (NP-AB)  
675 **UnID**. Traces of talk by a man at 1227 8/22. (NP-AB)  
684 **UnID**. Traces of woman talking at 1214 8/28. (NP-AB)  
702 **AUSTRALIA**, 2BL, Sydney. 1304 8/29 assuming the station with weak signal and woman in English. (DV-WA)  
702 **NEW ZEALAND**, Auckland, 'Magic'. Music from 60's and 70's, with a CCR song at 1218 8/20. Confirmed parallel with the web stream. (NP-AB)  
+Presumed 'Magic' from New Zealand with oldies at 1209 8/21, though not as good as yesterday. (NP-AB)  
702 **UnID**. 1303 8/20 weak signal with Ray Stevens song "Everything is Beautiful". Signal soon faded out at 1306. (DV-WA)  
+This one did nothing all session until 1226 8/22 when it came up to a weak audio level with talk by a man. (NP-AB)  
+Very weak, with vocal by a woman at 1223 8/25. Quite likely "Magic" given the type of music. (NP-AB)  
738 **TAHITI**, Papeete, Radio Première Polynésie. 1304 8/18 assuming the station with fair signal and woman singing. (DV-WA)  
+Fair signal still at 1223 8/20, with instrumental, then French language vocal. (NP-AB)  
+1307 8/20 fair signal with instrumental music. (DV-WA)  
+1253 8/21 very weak signal with music. 1309 weak signal with man in French. (DV-WA)  
+In weakly at 1203 8/22 with French language vocal by a woman. (NP-AB)  
+In weakly at 1143 8/23 tune in with French language vocal by a man. Consistent signal right through to 1230. (NP-AB)  
+In nicely at 1158 8/28 with vocal by a man. Consistently at least fair level for the next half hour. (NP-AB)  
765 **UnID**. Traces of music at 1153 8/20. (NP-AB)  
+Traces of music at 1219 8/28. (NP-AB)  
774 **JAPAN**, JOUB, Akita, NHK2. 1249 8/20 weak signal with language lessons. (DV-WA)  
+1255 8/21 weak signal with English lessons. (DV-WA)  
774 **UnID**. Traces of a man talking at 1200 8/20. No sign of the ABC pips and fanfare which usually cuts through very well. Too weak to definitely confirm a parallel with Radio Sport on 1503, but that would be my guess. (NP-AB)  
+Very weak, but heard man talking at 1153 8/21, then what sounded like a sports commentary. Again seemed to be Radio Sport, but not in long enough to be certain. (NP-AB)  
+Just barely in audio, with man speaking at 1158 8/22. (NP-AB)  
792t **AUSTRALIA**, 4RN, Brisbane, ABC National. 1306 8/18 assuming 4RN with weak signal and talk. (DV-WA)  
819 **UnID**. Man talking at 1209 8/21. (NP-AB)  
828 **JAPAN**, JOBB, Osaka, NHK2. 1318 8/20 assuming the station with poor signal and male speaker. (DV-WA)  
+1257 8/21 weak signal //774. (DV-WA)  
828 **UnID**. Faint traces of woman talking at 1223 8/25. (NP-AB)  
882 **UnID**. Man speaking at 1225 8/20. Gone by the time I could check for any web stream parallels. (NP-AB)  
891 **AUSTRALIA**, 5AM, Adelaide. ABC news by a woman at 1231 8/25. First trace of this Aussie stalwart this season. (NP-AB)  
891t **AUSTRALIA**. 1307 8/18 guessing 5AN or 4TAB weak signal with sports? (DV-WA)  
+1304 8/21 assuming one of the two stations heard here with poor signal with male speaker. (DV-WA)  
+1258-1301 8/23 two weak signals assuming 5AN & 4TAB. One station with instrumental music and the other station with talk show. Signal faded at 1300 and was back at 1301. (DV-WA)  
909t **NEW ZEALAND**, Napier, 'Star'. 8/28. Talk by a man, including what I'm sure was a mention of "today's Christian music", then vocal by a woman. (NP-AB)  
909 **UnID**. Weak, with light music audible for 30 seconds or so at 1159 8/20. (NP-AB)  
1035 **UnID**. 1255 8/18 & again at 1308 with fair signal and DU English. (DV-WA)  
+Very weak, with traces of talk by a woman at 1218 8/20. ZB seems very likely. (NP-AB)  
+A bit better than yesterday, with talk by a man at 1152 8/21. Like yesterday, ZB seems very likely. (NP-AB)  
+Barest traces of man talking at 1221 8/25. (NP-AB)  
+Traces of man talking at 1211 8/28. (NP-AB)  
1098 **UnID**. 1317 8/18 threshold audio. (DV-WA)  
+Faint traces of woman talking at 1220 8/25 through CBR 1010 splatter. (NP-AB)  
1116 **UnID**. Weak, with woman and man speaking at 1229 8/25. (NP-AB)  
1161t **AUSTRALIA**. 1302 8/18 fair signal briefly with horse racing call. (DV-WA)  
1179 **UnID**. Traces of talk by a woman at 1157 8/19. (NP-AB)  
1413 **UnID**. Traces of talk by a man at 1154 8/19. (NP-AB)  
1422 **UnID**. Talk by woman (news?) at 1202 8/19 with segments by a man. Didn't seem to be English, so would suspect Hellas Radio in Australia. (NP-AB)  
+Man talking at 1154 8/20, but too much 1420 splatter to identify language. (NP-AB)  
1503t **AUSTRALIA**. 1311 8/20 very weak signal with man in English. (DV-WA)  
1503 **NEW ZEALAND**, Christchurch or Wellington, Radio Sport. Had only been a weak carrier early, but after 1200 8/19 quickly rose to weak audio level with sports related interview. (NP-AB)  
1566 **AUSTRALIA**, 3NE, Wangaratta. The best DU of the morning, with phrases coming through now and then. At 1145 8/19 heard a man mention "...favorite oldies...", and after pips at 1200 man said "It's 7 degrees in Melbourne...." (NP-AB)  
+Presumed the one with conversation in Aussie accents at 1204 8/25. (NP-AB)  
1566 **REP KOREA**, HLAZ, Jeju, FEBC. 1257 8/20 weak signal with man in Chinese? (DV-WA)  
+1313 8/21 assuming the station with poor signal and some audio heard. (DV-WA)  
+1252 8/23 signal rising from weak to nearly good with male speaker and back to weak signal. (DV-WA)  
+1258 8/29 assuming the station with very weak. Some audio getting through. (DV-WA)  
1566 **UnID**. (likely 3NE) 8/20 Bits of audio, with woman talking. (NP-AB)  
+Traces of man talking at 1153 8/21, and again at 1204. (NP-AB)  
1593 **UnID**. Woman talking at 1203 8/21. (NP-AB)  
1611 **UnID AUSTRALIA**. 8/19 Music, 5 pips, then a man said something I couldn't make out. (NP-AB)  
1701t **AUSTRALIA**. 1319 8/18 very weak signal with woman talking. (DV-WA)  
+1314 8/21 weak signal with woman in unknown language. (DV-WA)

#### PAN-AMERICAN DX ROUNDUP

- 1420 **MÉXICO**, XEXX, Tijuana, BC. 8/17 0530 new slogan "Vida 14-20 AM" and music program. (MF-CA)

#### THANKS TO THESE REPORTERS

- DV-WA **DENNIS VROOM**, Kalama WA  
NRD 545Random wire J shaped  
MF-CA **MARTIN FOLTZ**, Mission Viejo CA  
Sony SRF-M37W  
NP-AB **NIGEL PIMBLETT**, Dunmore AB  
Perseus with a Wellbrook Array



**Deadline – Sunday Midnight Central Time. Special report this time – pb**

**NEWFOUNDLAND 2013 SHORT REPORT**  
**Argentina – Paraguay – Uruguay**  
**Chuck Hutton**

As we are still slowly grinding through Perseus files from 2013, we decided to collect perhaps the most unusual receptions from South America, which were the logs from Argentina, Paraguay and Uruguay.

Argentina was a thrill as 48 stations have been confirmed so far. Highlights included 780 Radio Tres, Trelew which is just outside of Rawson. It is in Chubut province so qualifies as Patagonia. It's the southernmost Argentinean we have received. Other notable receptions include AM 1020 and Radio Mailín, 1330. With this many total receptions, there were plenty of other first time receptions that were memorable.

Uruguay was special also. 610, 1120, 1290 and 1450 were big surprises.

Paraguay didn't provide a lot of new logs but Monumental 1080 often dominated the channel.

.pdf version plus a nice map of Argentina at: <https://www.dropbox.com/s/hjok68gn9ocw8j0/NEWFOUNDLAND%202013%20SHORT%20REPORT.pdf?dl=0>.

- 550 **URUGUAY**, CW1, Radio Colonia, Colonia. 11/11/13 0259-0302, fading up w/local music, 0300 woman w/ID over harp music, 0300:30 talk by a pastor. 23423. (Burnell)  
 +11/11/13 0658, "Colonia" during top of hour announcements. (Renfrew)  
 +11/15/13 0658-0701, with nice Colonia IDs followed by an old music program featuring Alberto El Cano Marino and Virginia Lopez. Very dominant and enjoyable. (Hutton)
- 570 **ARGENTINA**, Radio Argentina, Buenos Aires. 11/11/13 0402, "Radio Argentina AM". (Renfrew)  
 +11/11/13 0402, surprisingly at fair level 0402:21 with an ID. Not noted before or after. (Hutton)
- 570.027 **ARGENTINA**, Radio Argentina, Buenos Aires. 11/11/13 0402-0404, possibly the choral music, ID, man sings w/guitar. 23333, QRM US station and Radio Reloj. (Burnell)
- 590 **ARGENTINA**, LS4, Radio Continental, Buenos Aires. 11/11/13 0159-0200, apparent source of pips and then back to Argentine basketball. Fair signal but of course almost buried under local VPCM. (Hutton)  
 +11/14/13 0131-0134, mainly talk under VPCM, web address at 0131:40: [www.continental.com.ar](http://www.continental.com.ar). 32342. (Burnell)  
 +11/11/13 0728, 2+1 pips at 0730, 3 Argentine stations listed, also at 0531. (Renfrew)  
 +11/15/13 0300, poor Continental ID after pips. (Hutton)
- 610 **URUGUAY**, CX4, Radio Rural, Santiago Vázquez/Montevideo. 11/14/13 0459-0503, 0458:30 program name "Gustavo en la Madrugada," which corresponds to their web site, good mornings, happy instrumental music, possible low level ID, talk, fade under US station, 0502:15 up again, woman w/"CX4, Radio Rural" and slogans, instrumental music. 23332, QRM US station(s) and splatter from Morocco on 611. (Burnell)
- 630 **ARGENTINA**, LS5, Radio Rivadavia, Buenos Aires. 11/11/13 0128-0131, very likely this; sports play-by-play "aquí en la Argentina" w/interspersed ads including something "del Plata," 2+1 pips at 0130 but no ID. 33333. (Burnell)  
 +11/11/13 0227, "librería en el noroeste de Buenos Aires"; 11/15 0800 temps and time check in Buenos Aires. (Renfrew)  
 +11/11/13 0305, with end of semi-classical music, several IDs, all alone with no sign of Puerto Rico or anything else. (Hutton)
- 650 **PARAGUAY**, ZP4, Radio Uno, Asunción. 11/11/13 0800, with "5 de la mañana" time given. This can't be Uruguay who would be GMT -2. 0830 very poor possible Radio Uno ID followed by mention of Paraguay. (Hutton)
- 650 **URUGUAY**, CX6, Radio Nacional, Montevideo. 11/11/13 0200, poor opera, a format common on Uruguay. (Hutton)  
 +11/11/13 0758, "Radio Clasica, cinco de la mañana", Uruguay Radio Clasica? (Renfrew)
- 690 **ARGENTINA**, LRA4, Radio Nacional, Salta. 11/11/13 0857, Radio Nacional sound effects 0900:20 //730, 750, 790, 910 and 960. (Renfrew)  
 +11/11/13 0900, poor sound effects parallel many other channels. (Hutton)  
 +11/11/13 0900-0901, 0900 pips, perhaps some talk, 0900:30 man w/ID, upward music note sound effect, woman "Radio Nacional Argentina, Salta". 23222, QRM CKGM and W Radio. (Burnell)
- 690 **ARGENTINA**, LU19, La Voz del Comahue, Cipolletti. 11/15/13 0359, with apparent ID that I could not catch all of. Others feel sure of the ID. (Hutton)  
 +11/15/13 0359-0400, faded up w/"La Voz de Comahue" beginning a promo, more talk but not sure if it's the same station. 23322. (Burnell) [Thanks to Jan Alvestad/RealDX for the ID]  
 +11/15/13 0358, "Comahue", verified by Arnaldo. (Renfrew)
- 700 **ARGENTINA**, LV3, Radio Córdoba, Córdoba. 11/11/13 0600, Time pips, tango music. Poor. (Fisher)  
 +11/15/13 0301, anthem rising up over Brazil and into National Anthem at 0302:15. Poor. (Fisher)  
 +11/15/13 0301-0303, with fair Argentine anthem. This is the only Argentine on the channel. Heard at other times with IDs mixing with Brazil. (Hutton)  
 +11/15/13 0301-0303, 0301:40 fade up w/Argentina anthem (by men's choir and brass instruments), then fades away. 33323, QRM Radio Estadão. (Burnell)
- 720 **ARGENTINA**, LV10, La Voz Diez, Mendoza, 11/11/13 0728, 2+1 pips, 1 Argentine station listed. (Renfrew)  
 +11/11/13 0857-0902, bandoneon music, 0859:45 "La Voz Diez... contacto... triple-dobleve lvdiez punto com punto ar... [pips start here] La Radio del buen aire" by woman, 0900:15 male talk mention LV10 again, slogan and web address again at 0901:20. 23332, QRM another likely southern SS station (not Progreso). (Burnell)  
 +11/11/13 0900-0901, poor with "LV10...?? Cuyo, la radio del buen aire". Fair 0901 with another "LV10 La Radio del buen aire" ID. (Hutton)
- 720 **PARAGUAY**, ZP17, Radio Pa'i Puku, Teniente Irala Fernandez. 11/11/13 0828, Spanish program, ID, :30 timecheck, also ID 0832. (Renfrew)  
 +11/11/13 0828-0832, male announcer talk to phone callers, time check, ID, begin local music. 24343. (Burnell)  
 +11/11/13 0829, GMT -3 time check followed by poor ID. (Hutton)  
 +11/15/13 0757, 0758:37 "Radio Pa'i Puku... Paraguay". (Renfrew)
- 730 **ARGENTINA**, LRA27, Radio Nacional, Catamarca, 11/11/13 0857-0902, flute music, 0900:30 upward music note sound effect, woman "Radio Nacional Argentina," man seems to intro news, flute and sound effect //Radio Nacional Córdoba-750 but 5.56 sec behind 750. 23321, QRM Melodia and CKAC. (Burnell)  
 +11/11/13 0900, with poor sound effects parallel many Nacional channels. (Hutton)
- 730 **ARGENTINA**, LRA3, Radio Nacional, Santa Rosa, "Radio Nacional" after sound effects (sound effects on 690, 750, 790, 910 and 960). (Renfrew)
- 730 **PARAGUAY**, ZP7, Radio Cardinal, Asunción. 11/11/13 0828, "Cardinal" ID at 0830:20. (Renfrew)  
 +11/15/13 0829-0830, apparently the station with time check and mention of "de Paraguay". (Hutton)
- 750 **ARGENTINA**, LRA7, Radio Nacional, Córdoba. 11/11/13 0857, Radio Nacional sound effects //690, 730, 790, 910 and 960. (Renfrew)  
 +11/11/13 0857-0901, flute music, 0900:30 upward music note sound effect, man with few words then standard Radio Nacional theme before news, flute and sound effect //Radio Nacional Catamarca-730 but 5.56 sec ahead of 730. 22332, QRM CBYG. (Burnell)  
 +11/11/13 0900, poor Nacional sound effects parallel 690 etc. (Hutton)  
 +11/14/13 0500, pips under CBC station, then bit of news sounder, //870 but no other Radio Nacional noted. 13321. (Burnell)
- 760 **ARGENTINA**, LU6, Emisora Atlántica, Mar del Plata. 11/11/13 0302-0304, just glimpses of Spanish talk, but very clear Argentina anthem begins at 0302:30, maybe the choral part or another (provincial) anthem afterwards but too weak to identify. 32422, QRM Radio Uirapurú. (Burnell)  
 +11/15/13 0558-0601, with mentions of Buenos Aires but no ID heard. (Hutton)
- 770 **URUGUAY**, CX12, Radio Oriental, Montevideo. 11/11/13 0256-0258, Olivia Newton-John "Physical," fade up for 0258 ID, music Los Redondos "Mi Perro Dinamita". 32432, QRM mainly WABC. (Burnell)  
 +11/11/13 0758, "Oriental" 0800:40. (Renfrew)  
 +11/11/13 0800, poor-fair with Oriental ID. Often dominant. (Hutton)  
 +11/15/13 0202, fair to good with promos and jingle. (Hutton)
- 779.997 **PARAGUAY**, ZP70, Radio Primero de Marzo, Asunción. 11/11/13 0159-0201, fade up w/talk, two IDs, Paraguayan harp music w/talk over. 34433. (Burnell)

- 780 **ARGENTINA**, LRF210, Radio Tres, Trelew. 11/11/13 0658, Pips, then LRF210 call letters and Radio Tres ID. (Renfrew)  
+11/11/13 0659-0701, fade up, pips, "Transmité LRF210, Radio Tres, AM 780," possibly more talk. 23322, QRM Brazilia. (Burnell)  
+11/12/13 0700, fair (almost) with 6 pips at 0700 followed by "LRF" plus numbers in the mud. This is the only LRF station in Argentina. (Hutton)
- 780 **PARAGUAY**, ZP70, Radio Primero de Marzo, Asunción. 11/11/13 0559, nice with good ID. (Hutton)  
+11/11/13 0600, Nice full ID. Good. (Fisher)  
+11/11/13 0628, Paraguay ad, also 11/15 @ 0257 "Radio Primero de Marzo". (Renfrew)  
+11/15/13 0700-0703, fair to good, dominant with talk, ID, weather and music. (Hutton)
- 790 **ARGENTINA**, LR6, Radio Mitre, Buenos Aires. 11/11/13 0628, ID, temperatures in Buenos Aires. (Renfrew)  
+11/12/13 0300, with Argentine anthem. (Hutton)  
+11/14/13 0057, Partial Spanish ID "...Ochenta". (Renfrew)
- 790 **ARGENTINA**, LRA22, Radio Nacional, San Salvador de Jujuy. 11/11/13 0757, poor with flute music and 0900 with sound effects parallel 750 etc. (Hutton)  
+11/11/13 0857, Radio Nacional sound effects //690, 730, 750, 910 and 960. (Renfrew)  
+11/11/13 0857-0900, flute music, //730 but 0.09 seconds behind 730, also 0900:30 upward music note sound effect. 123X1, QRM WAXY and Radio Reloj. (Burnell)
- 810 **ARGENTINA**, Radio Mitre/La Guachita, Cordoba/Moron. 11/11/13 0255, Argentine NA 0300: 2 stations listed, Chuck compares to web audio. (Renfrew)  
+11/11/13 0300, poor start of Argentine anthem. Two candidates: Radio Mitre (Cordoba) and La Guachita (Moron). (Hutton)  
+11/11/13 0300-0301, Argentine anthem fades up briefly. 22421, QRM Radio El Espectador (heard earlier), BBC w/5 Live, and likely Spain. (Burnell)
- 810 **URUGUAY**, CX14, Radio El Espectador, Montevideo. 11/11/13 0359, end of a psychic program and promo, fair. (Hutton)  
+11/15/13 0657, haunting singing, finally "Espectador" ID 0702:18. (Renfrew)  
+11/15/13 0657-0704, looping ad for tarot card readings, 0701:15 El Espectador ID w/sign-on announcement, woman hosts "Dinámica Rural" program. 33333, QRM Brazilian. (Burnell)  
+11/15/13 0702, fair with IDs. Sometimes dominant over Brazil and Spain and others. (Hutton)
- 820 **ARGENTINA**, LRA8, Radio Nacional, Formosa. 11/9/13 2307, Faded up nicely at 2305. Radio Nacional ID at 2307:38. Football match between Newells Old Boys and San Lorenzo. Fair. (Fisher)  
+11/14/13 0102, sudden fade up "...al, la Argentina se informa" seconds of music, woman talk, lost to Brazilian soon after. 14321 [News slogan from web stream: "Por Nacional, la Argentina se informa" and same music]. (Burnell)  
+11/15/13 0201, 0258:55, mention of Argentina followed oddly by music of the Hawaiian great Iz Kamakawiwo'ole. 0258:55 poor ID, provincial anthem and finally the Argentine anthem. (Hutton)  
+11/15/13 0256, "LRA8 Radio Nacional Formosa", then Formosa anthem. (Renfrew)  
+11/15/13 0256-0308, flute music, 0259 ID w/call and frequency, s/off announcement, Formosa provincial anthem (choir), Argentina anthem (long version, same choir). 24343, QRM Brazil station. (Burnell)
- 840 **ARGENTINA**, LV9, Radio Salta, Salta. 11/11/13 0300, "At 0301:50 "AM 8-40, Salta", then national anthem. (Renfrew)  
+11/11/13 0301, fair with ID then Argentina anthem. (Hutton)  
+11/15/13 0800, At 0830:15 "Once Cuarenta, Radio Salta". (Renfrew)
- 840 **ARGENTINA**, Radio General Belgrano, Buenos Aires. 11/15/13 0802:30, 0802:55, rising up to join another Spanish station and Brazil, 0802:55 Belgrano jingle. Recording ended at 0803 but Jean Burnell caught a Belgrano URL at 0803:25. (Hutton)  
+11/15/13 0803-0804, man w/ID but not really discernible, woman w/web address "...840AMgeneralbelgrano punto com" then piano theme. 25332. (Burnell)
- 840.11 **ARGENTINA**, LV9, Radio Salta, Salta. 0301:45 fade up w/ID and national anthem w/choral part. 34423, QRM Brazil. (Burnell)
- 850 **URUGUAY**, CX16, Radio Carve, Montevideo. 11/11/13 0758, "Carve, 850... Montevideo, Uruguay". (Renfrew)  
+11/11/13 0800-0802, fair or better with Carve ID's and ad. Not often a powerhouse like this these days. (Hutton)
- 870 **ARGENTINA**, LRA1, Radio Nacional, Buenos Aires. 11/15/13 0600, fair but not quite good with ID. (Hutton)
- 890 **ARGENTINA**, Radio Libre, San Justo/Buenos Aires. 11/11/13 0300-0302, third part of Argentine anthem and 0302 mention of "aquí en Buenos Aires". (Hutton)  
+11/14/13 0259-0300, part of the national anthem, main instrument is a synthesizer and played more slowly than usual. 23321 [Matches NA on webstream and NA on webstream rechecked a year later]. (Burnell)  
+11/15/13 0801-0802, poor Radio Libre IDs. (Hutton)  
+11/15/13 0801-0804, 0801:20 Spanish fading up, 0802, 0803 "Radio Libre" IDs. 24322. (Burnell)
- 910 **ARGENTINA**, LU9, La Red, Ituzaingo. 11/11/13 0500, fair with IDs, on top. (Hutton)  
+11/14/13 0340, "La Red". (Renfrew)
- 910 **ARGENTINA**, LRA23, Radio Nacional, San Juan. 11/11/13 0857, Radio Nacional sound effects //690, 730, 750, 790, 910 and 960. (Renfrew)  
+11/11/13 0857-0858, flute mx, //730 but 5.18 sec ahead of 730. 12321, QRM Venezuela and Puerto Rico. (Burnell)  
+11/11/13 0900, poor sound effects parallel other Nacional frequencies. (Hutton)
- 920 **PARAGUAY**, ZP1, Radio Nacional de Paraguay, Asunción. 11/9/13 ??, many mentions of Paraguay. (Renfrew)  
+11/11/13 0201, 0800, good Radio Nacional IDs, totally on top. 0800 well-known Paraguayan harp music "Pajaro Campana" then ID. (Hutton)  
+11/11/13 0759-0801, silence until 0759:10 then harp piece that sounds like an IS, s/on announcement. 24333. (Burnell)  
+11/13/13 0257-0259, music ends and man w/ID and s/off, 0258:30 transmitter off. 34233. (Burnell)
- 940.01 **ARGENTINA**, LRH200, Radio Chajarí, Chajarí. Boa Vontade fades down leaving male talk in Spanish "musical... canciones... tiempo... más completa...", mention "Radio Mitre" twice, second time (0801:30) quite clearly, //790 (but many seconds later than 790, and 790 is extremely poor). 23322, QRM Boa Vontade [Radio Chajarí carries Radio Mitre overnight according to their website, but the other Argentina on 940 has no program schedule online; confirmation from Sylvain Naud, Chuck Hutton and Henrik Klemetz/RealDX]. (Burnell)
- 950 **ARGENTINA**, LR3, Radio Nueve, Buenos Aires. 11/11/13 0228-0233, ads, 0230 nice ID, begin fútbol coverage. 34434, QRM CKNB. (Burnell)  
+11/11/13 0323, "Radio Nueve", "Fútbol femenino". (Renfrew)  
+11/11/13 0400-0403, sports talk program ending, 0401:30 promo for fútbol, ID during build-up to a goal. 34333, QRM CKNB and Reloj. (Burnell)  
+11/11/13 0402, fair with Radio Nueve ID. (Hutton)
- 960 **ARGENTINA**, LRA6, Radio Nacional, Mendoza. 11/11/13 0857, flute music, //730 but 0.31 seconds behind 730, 0857:45 poss piano music. 23332. (Burnell)  
+11/11/13 0857, Radio Nacional sound effects //690, 730, 750, 790 and 910, also ID at 0501. (Renfrew)  
+11/11/13 0900, possible sound effects as were heard on other Argentine frequencies. Not good enough to be sure. (Hutton)
- 969.85 **URUGUAY**, CX22, Radio Universal, Montevideo. 11/11/13 0557, "Universal", ID with call letters at 0600. (Renfrew)
- 970 **ARGENTINA**, LT25, Radio Guaraní, Curuzú Cuatiá. 11/11/13 0528, "Radio Guaraní, 970 AM". (Renfrew)  
+11/11/13 0528-0529, 0528:10 becomes evident, maybe s/on w/ID, then fading again. 24322. (Burnell)
- 970 **URUGUAY**, CX22, Radio Universal, Montevideo. 11/11/13 0601-0603, 0600:44 late pips, program promo w/"Universal presenta...", music, male talk "Universal" then Elvis Presley "Love Me Tender". 33323. (Burnell)  
+11/11/13 0800, fair with ID including calls. (Hutton)
- 990 **ARGENTINA**, LR4, Radio Splendid, Villa Dominico. 11/11/13 0628, ID through CBC with "LR4" calls. (Renfrew)  
+11/11/13 0701, good! with ID. About 30 Hz high. (Hutton)
- 990 **ARGENTINA**, LRH203, La AM 990, Formosa. 11/11/13 0625, evident briefly, music, short talk ending "por Mitre," music. 32322, QRM CBY, Splendid, SER stations. (Burnell)
- 990 **Unid ARGENTINA**. 11/14/13 0057, mentions Argentina. (Renfrew)
- 990.021 **ARGENTINA**, LR4, Radio Splendid, Villa Dominico. 11/11/13 0358-0401, tango, 0400 pips and nice ID w/call, woman w/news. 33333, rising QRM from CBY. (Burnell)
- 1020 **ARGENTINA**, LRJ214, AM 1020, San Juan. 11/11/13 0500, Unusual version of National anthem starting with flute music, then Provincial anthem at 0501:10. Very Poor. (Fisher)  
+11/11/13 0500, part of a flute based Argentine anthem, a distinctive version. Arnaldo Slaen was able to say that the source is AM 1020 rather than the other two Argentines. Poor but clear on a fairly empty channel. (Hutton)  
+11/11/13 0500-0504, bits of Argentina anthem on Andean flutes, possibly more flute music afterwards, from about 0200:15 man w/sloppy accent w/possible news, 0502:45 tentatively "...en San Juan, ahora... grados..." 24331, QRM weak Brazilians [e-mail from Arnaldo Slaen to Chuck Hutton: "No tengo dudas que vos escuchaste AM1020 desde la Ciudad de San Juan, en el oeste de la Argentina. La emisora transmite hasta las 3 AM (LU) de lunes a viernes y muchas veces prolonga con musica y los domingos emite las 24 horas." (Burnell)]

- 1020.07 **PARAGUAY**, ZP14, Radio Nanduti, Asunción. 11/11/13 0828, mention of "Paraguay" 0832, also 11/15 @ 0100:50 "Nanduti". (Renfrew)
- 1020.1 **PARAGUAY**, ZP14, Radio Nanduti, Asunción. 11/10/13 0700-0701, fades up, ID, intro program hosted by woman. 23332, QRM mainly Jovem Pan. (Burnell)  
+11/15/13 0500, with poor ID, off frequency on 1020.100. (Hutton)
- 1030 **ARGENTINA**, LS10, Radio del Plata, Buenos Aires. 11/11/13 0358, 0402 and 0801, good with news, 0402 good with ID, 0801 good again with ID. Owned the channel at times. (Hutton)  
+11/11/13 0828, UTC -3 time check, news items, 2+1 pips 0830. (Renfrew)
- 1050 **ARGENTINA**, LV27, Radio San Francisco, Santa Fé. 11/13/13 0301-0302, recording begins at 0301:25 fade up w/choral part of Argentina anthem, //LT9 Radio Brigadier Lopez-1150 (but 1150 is approx. 10 seconds ahead of 1050). 22322, QRM WEPN (Burnell)
- 1050 **URUGUAY**, CX26, Radio Uruguay, Montevideo. 11/11/13 0300, Mention of "Uruguay" under WEPN, first noted by Chuck. (Renfrew)  
+11/11/13 0303-0304, 0303:30 WEPN fades down allowing man w/southern accent to say "presenta par... Uruguay... gente del Uruguay". 22432, QRM WEPN. (Burnell)  
+11/11/13 0303, 0800, with SODRE ID, 0304 many mentions of Uruguay during a promo for an exposition, 0800 fair ID. (Hutton)  
+11/11/13 0800, "Somos Radio Clásica, (6?)50 AM, Radio Uruguay, 1050 AM, Montevideo, Uruguay..." but fades immediately. 22312, in a gap in WEPN. (Burnell)
- 1070 **ARGENTINA**, LR1, Radio El Mundo, Buenos Aires. 11/11/13 0728, 2+1 pips, 1 Argentine station listed. (Renfrew)  
+11/15/13 0557, 0600:12 "del Plata". (Renfrew)  
+11/15/13 0830, very poor possible Radio El Mundo ID. (Hutton)
- 1080 **PARAGUAY**, ZP25, Radio Monumental, Asunción. 11/11/13 0300, 0801, fair Monumental ID. Plays some classical music, requiring patience to catch an ID. In and out. (Hutton)  
+11/11/13 0800-0803, sign on, ballad to 0801:30 then multiple IDs, including web address and "ZP25". 24333. (Burnell)  
+11/13/13 0409, Music //web audio, also ID on 11/11 0802 (3 pips 0800). (Renfrew)  
+11/15/13 0256-0301, accordion and tight harmony music, 0258:15 ID w/call, more music. 33323, QRM Brazilian and WTIC. (Burnell)  
+11/16/13 0259, "Desde Asunción, Republica del Paraguay, transmite ZP25, Radio Monumental". Good. (Fisher)
- 1090 **URUGUAY**, CX28, Radio Imparcial, Montevideo. 11/11/13 0758, no ID but mentions of Montevideo in news. (Hutton)
- 1110 **ARGENTINA**, LS1, La Radio de la Ciudad, Buenos Aires. 11/11/13 0301, 0401 and 0500, poor-fair ID with mention of 92.7 FM, 0401 piano based Argentine anthem, 0500 fair ID again with FM frequency. (Hutton)  
+11/11/13 0427, No ID, but tango IDed as "Las Dos Por Cuatro", ID at 0501. (Renfrew)  
+11/11/13 0458-0502, woman w/religious talk, 0500 pips, 0500:45 mellow music, 0501:10 man talk, 0501:30 woman w/ID, bandoneon, time check, 20 degrees in Buenos Aires. 33333. (Burnell)
- 1120 **URUGUAY**, CW31, Radio Salto, Salto. 11/15/13 0057, 0100:23 "Transmite CW31... Radio Salto" (Chuck hears it). (Renfrew)  
+11/15/13 0100-0101, emerges above noise floor, music, "Transmite CW31, Radio Salto, desde Salto, República Oriental del Uruguay," bandoneon music then woman sings. 24332. (Burnell)  
+11/15/13 0100:15, with poor "transmite CW31 Radio Salto" ID. (Hutton)
- 1120 **UnID**. 11/11/13 0457, UTC -2 time check, Spanish. Argentina, Uruguay? (Renfrew)
- 1130 **ARGENTINA**, LRA21, Radio Nacional, Santiago del Estero. 11/11/13 0857-0903, flute music, //730 but 6.59 seconds ahead of 730, long fade but back w/news at 0902. 22322, QRM WBBM (Burnell)  
+11/11/13 0900, poor with the sound effects also noted on many other Nacional channels. (Hutton)
- 1150 **ARGENTINA**, LRH202, Radio Tupambaé, Posadas. 11/14/13 0101-0105, bits of Spanish talk under Tupi and possible LT9, 0104 clearer reception w/ID including MW and FM freqs, "en la ciudad de Posadas". 32332. (Burnell)  
+11/14/13 0104:30, fair with ID, AM-FM-TV frequencies, etc. Nice surprise with no sign of Radio Brigadier Lopez and only 1 Brazilian. Not heard before, and discovered on this poor night to South America. (Hutton)
- 1150 **ARGENTINA**, LT9, Radio Brigadier Lopez, Santa Fé. 11/11/13 0758, "Radio Brigadier Lopez, Republica Argentina, Santa Fé". (Renfrew)  
+11/11/13 0801, poor-fair with ID 0801 with slogan, AM-FM frequencies, location and intro for program on parapsychology. (Hutton)  
+11/13/13 0301-0302, recording begins at 0301:25, choral part of Argentina anthem sung by children's choir, //Radio San Francisco-1050, but 1150 is about 10 seconds ahead of 1050. 23332. (Burnell)
- 1170 **UnID**. 11/11/13 0658, several mentions of "La Plata" ... Uruguay? (Renfrew)
- 1190 **ARGENTINA**, LR9, Radio América, Buenos Aires. 11/11/13 0400-0401, fades up w/ID w/call, news w/2 more IDs. 24333, QRM WLIB. (Burnell)  
+11/11/13 0401, 0800, fair IDs, took turns with New York as dominant. (Hutton)  
+11/11/13 0600, "Radio América" in conversation. (Renfrew)  
+11/15/13 0703-0704, news ending w/weather, nice ID, fade. 34424 QRM WLIB (Burnell)
- 1190 **ARGENTINA**, LRA15, Radio Nacional, San Miguel de Tucumán. 11/11/13 0857-0858, flute music, //730 and synchronous w/730. 22322, QRM WLIB (Burnell)
- 1220 **ARGENTINA**, LRL328, Radio Eco, Buenos Aires. 11/11/13 0301, with "desde Buenos Aires", frequencies, and mention of himno nacional followed by the same. Steady but buried by Globo. (Hutton)  
+11/11/13 0301-0304, Globo goes to news, which allows this signal to be weakly audible. Man w/"Radio Eco... Buenos Aires, Argentina," then national anthem with the choral part. 32422, far under Globo. (Burnell)  
+11/11/13 0728, "Radio Cadena Eco" weak under Radio Globo, at 0730:40. (Renfrew)
- 1230 **ARGENTINA**, LT2, Radio Dos, Rosario. 11/11/13 0130, poor ID. Not an infrequent visitor – also heard on 11/9 and 11/15. (Hutton)  
+11/11/13 0658, Several "Radio Dos" IDs at 0702:30 and 11/15 0332:20. (Renfrew)  
+11/11/13 0702-0703, woman w/news, time check, ID, ad. 23332, QRM mainly CFGN. (Burnell)  
+11/14/13 0130-0131, piano, man w/ID, then woman w/ID, temperatures and news. 24333. (Burnell)
- 1270 **ARGENTINA**, LS11, Radio Provincia, La Plata. 11/11/13 0255, "Tangentes en Jazz" program matches schedule. (Renfrew)  
+11/11/13 0300, fair with modernistic Argentine anthem 0802 fair or better with calls and ID. (Hutton)  
+11/11/13 0728, 2+1 pips, 2 Argentine stations listed. (Renfrew)  
+11/15/13 0055-0103, woman hosts talk show, bit of fade around ToH, 0100 news and weather, 0102 full ID w/call, rock-type music. 34444. (Burnell)
- 1290 **URUGUAY**, CX38, Radio Nacional/Emisora del Sur, Santiago Vázquez/Montevideo. 11/11/13 0327, "Emisora del Sur", as well as program matches. (Renfrew)  
+11/11/13 0328-0330, slow fade up through WNRI (Latino Public Radio) w/male talk, 0329 program promo, two "Emisora del Sur" IDs. 23322. (Burnell)  
+11/11/13 0329-0331, (but uses Emisora del Sur as ID) attention called to this by fanfare using what sounds like a bandoneon then ID as "de lunes a viernes a las veintin horas en Emisora del Sur". 0331 seeming mention of provincia de Uruguay. Thanks to Mauricio Molano and Horacio Negro for nailing this down and verifying it. (Hutton)  
+11/15/13 0157, "Radio 6-50", discerned by Chuck. (Renfrew)
- 1330 **ARGENTINA**, Radio Mailín, Gregorio de Laferrère/Buenos Aires. 11/15/13 0256, Argentine NA at 0300:03, Rosario doesn't play the NA at 0300. (Renfrew)  
+11/15/13 0300, Argentine Anthem. (Fisher)  
+11/15/13 0300-0303, military band anthem begins at 0300, ends just past 0301, then the choral part of the anthem. 13321, very poor under Radio Terra which fades up dramatically [Recording begins at 0259:50. Web monitoring showed that the other station on 1330, AM Rosario, does not have the anthem at 0300. This from Arnaldo Slaen, Argentina, via Chuck Hutton: "No tengo dudas: es Radio Mailín, que transmite desde la localidad de Gregorio de Laferrere, en la zona conurbana de Buenos Aires."] (Burnell)  
+11/15/13 0300:15, poor pieces of Argentina anthem. There are 2 Argentines here: Mailín and AM Rosario. Arnaldo Slaen was able to say this is the anthem transmitted by Radio Mailín. (Hutton)
- 1350 **ARGENTINA**, LS6, Radio Buenos Aires, Buenos Aires. 11/11/13 0301:50, fair or better with ID and anthem. (Hutton)  
+11/11/13 0658, "Radio Buenos Aires". (Renfrew)
- 1410 **UnID ARGENTINA**. 11/11/13 0427, 2+1 pips at 0430. (Renfrew)  
+11/11/13 0728, 2+1 pips (2nd one slightly delayed), 3 stations listed. (Renfrew)

- 1450 **URUGUAY**, CX46, Radio América, Montevideo. 11/15/13 0557, "Radio Amahreeka" at 0601:35, J&C hear "CX46". (Renfrew)  
 +11/15/13 0559-0602, 0559:15 begins to fade up w/ads, possible promo, 0601:30 "CX46, Radio América" as the signal was fading. 24332, QRM WNPB and others (Burnell)  
 +11/15/13 0601, poor with ID including calls and Radio América. (Hutton)
- 1610t **UnID ARGENTINA**, 11/11/13 0728, 2+1 pips. (Renfrew)
- 1629.83 **ARGENTINA**, LRM991, Radio Melody, San José. 11/11/13 0300-0301, sports play-by-play, 0300 "Transmité Radio Melody [pronounced Mee-lo-dee]"... Entre Rios, Argentina," then "setenta y dos – setenta y siete," so a basketball score, fade. 14322. (Burnell)  
 +11/11/13 0300, poor on 1629.835 with ads and ID. Transmitter wandered 5 Hertz within an hour. Listed in the 2014 WRTH as Radio América but no IDs heard with that. (Hutton)
- 1630t **ARGENTINA**, La Voz de Diagonal, Buenos Aires. 11/11/13 0303-0304, bit of the choral part of the Argentina anthem. 14322 [Restauración had no anthem at 0300, SuperSport AM had a crummy MIDI of the national anthem when each was monitored on-line]. (Burnell)  
 +t 11/15/13 0657+, 0700 La Voz de Diagonal. (Renfrew)
- 1670 **ARGENTINA**, Radio Rubi, Rafael Castillo. 11/11/13 0256, 0559, poor to almost fair with ID. 0559 folkloric music and three chimes on the hour seemingly from Rubi. (Hutton)  
 +11/11/13 0256-0257, 0256:30 up briefly over WPLA, w/accordion music, promo for some program "por AM 1670, Radio Rubi," (phone?) numbers, music again but faded. 33323. (Burnell)  
 +11/11/13 0728, 2+1 pips possibly heard. (Renfrew)



**DX WORLDWIDE – II – Bruce Portzer – 6546 19th Ave NE – Seattle WA 98115**  
 E-mail: [bportzer@comcast.net](mailto:bportzer@comcast.net) All times UTC unless noted otherwise

## ASIA AND PACIFIC

**Fiji:** FBC-558 was off with technical issues for some time and replaced by 98.2 temporarily for the northern & southern Lau Islands. Recent reception seems to confirm 558 has now returned. There is no longer any mention of 98.2 FM on the air. FBC seems to regret its decision to end AM, and there are reports of an imminent return on both 558 and 990. Not clear about 1152 which has been rarely heard in NZ, last reception was from a DXer on a cruise ship off the northern coasts of Fiji. Also not clear is 810. Radio Fiji has used 990 in the past. With the military government in Fiji since the coups, it has been hard to get info on FBC stations. Seems to be time to try again (David Ricquish, Facebook)

**INDIA:** New Delhi: All India Radio (AIR) has begun transmitting two of its channels – Vividh Bharati and FM Rainbow – in digital (DRM) mode from New Delhi via its 20 kW Medium Wave (MW) transmitter at Mall Road in north Delhi. DRM or Digital Radio Mondiale is a digital radio standard that has been designed specifically as a high quality digital replacement for current analogue radio broadcasting in Medium Wave. This digital transmission of the two channels, which commenced on 19 June, can be heard through DRM receivers on 1368 kHz according to the schedule: 05:55 Hrs to 11:00 Hrs (IST), 12:00 Hrs to 17:30 Hrs (IST), 18:15 Hrs to 23:10 Hrs (IST)

Both these channels will continue to remain on FM Mode as well. The presence of AIR channels on DRM is expected to evince good response from DRM receiver manufacturers. AIR Engineer-in-Chief Animesh Chakraborty said that since the future belongs to digital broadcasting, DRM receiver manufacturers should come up with low-cost, affordable solutions as far as DRM receivers are concerned. ([www.radioandmusic.com](http://www.radioandmusic.com) via Dr Hansjoerg Biener, [dxing.info](mailto:dxing.info) 14/8-2015)

**NEW ZEALAND:** The licence for 1170 at Te Kuiti has been sold to a Robert Jeffares [presumably the same Robert who was a radio technician at Radio Pacific and later 531PI late last century. Also produced the old DX segment we had on Radio Pacific way back in the 1980s. BC] (NZDXT)

A new transmitter is on air on 1485 from Twizel, inland due west of Timaru, up against the Southern Alps' foothills. It's apparently carrying Hokonui Radio, the same as 1557 from Hawera, with programming from the FM 'parent' in Gore. (David Ricquish, via Theo Donnelly)

**NORFOLK ISLAND:** Radio Norfolk's Contract Technician Gary Summerscales advises that transmitter power on 1566 "has increased to 100W although it would be closer to 90 as I don't like to drive the amplifier to the limit. The transmitter is a LPB-100 of 1986 vintage. The American company used to make broadcast equipment and specialize in low power broadcast AM transmitters but may be out of business. I recently, probably around 12 months ago, rebuilt the power supply and amplifier, recapping and replacing the output transistors. The amplifier is a 4 module set up, 25W each. The antenna is still the same from 1970 – that too was taken apart, de-rusted and cold gal painted and moved to the side of the paddock so as to allow 2 satellite tracking dishes a clear view (O3B Networks mid earth orbit). Originally there were 120 copper radial wires buried in the ground attached to a copper plate for the ground plane this has been reduced to 32 somewhat shorter multi strand wires ex- electricity, but now has a really good VSWR." (Mike Smith, NZDXT)

**NORTH KOREA:** State news agency, KCNA, has announced that North Korea will set its clocks back by 30 minutes to "Pyongyang time" on August 15 – the 70th anniversary of liberation from Japan. That will reset the time to GMT+08:30, as it was before Japanese colonization. "The wicked Japanese imperialists committed such unpardonable crimes as depriving Korea of even its standard time while mercilessly trampling down its land with 5000 year-long history and culture and pursuing the unheard-of policy of obliterating the Korean nation," KCNA reported on August 7. <http://www.cnn.com/2015/08/07/asia/north-korea-time-zone/>. (CNN Website, August 7)

## EUROPE, AFRICA, AND THE MIDDLE EAST

**ALGERIA:** Algerian broadcaster Télédiffusion d'Algérie has enlisted Switzerland-based company Ampegon to install shortwave transmission systems at two sites in Bechar and Ouargla. These new transmitters will enable TDA to broadcast shortwave without utilizing third-party vendors, says the company. Ampegon will develop turnkey solutions at both sites including two 300 kW shortwave transmitters, two shortwave antenna systems and civil works. The project is estimated to be completed at the end of 2016. Ampegon, in cooperation with Transradio, previously installed a 1.5 MW longwave transmission system in Algeria near Tipaza, and is presently modernizing two medium-wave transmitter stations in Bechar and Oulet Fayed. See more at: <http://www.radioworld.com/article/t%C3%A9l%C3%A9diffusion-d%E2%80%99alg%C3%A9rie-opts-for-ampegon-276944#sthash.aNek4HVu.dpuf>. (Jose Miguel Romero, DXLD)

**FRANCE:** Andy Sennitt writes in the PCJ Facebook group 28 July 2015: Radio France is joining many other public broadcasters in Europe and will end all broadcasts on longwave and mediumwave. This will save 13 million euros annually. Last week the details were announced: At the end of this year, the two mediumwave transmitters of France Bleu (864 kHz and 1278 kHz) and the remaining nine mediumwave transmitters of France Info (603, 711, 1206, 1242, 1377, 1404, 1494 and 1557 kHz) will be silenced. Last year, three high power stations of France Info were already closed. At the end of 2016 France-Inter will disappear from the longwave frequency 162 kHz. [Source: Radio.NL] (Mike Terry, mwdx yg 29/7-2015)

**GERMANY:** Bayerischer Rundfunk MW 801 & 729 to be ceased forever, on Sept 30 at 1045/1245 CEST. (Wolfgang Bueschel, mwdx yg 5/8-2015)

WDR on 720 kHz and 774 kHz ceased at 0000 on the night of 5-6 July. The service will continue on digital satellite, DAB+ and online. (James Robinson, [mediumwave.info](http://mediumwave.info) 1/7-2015)

**ISRAEL:** Günter Lorenz, A-DX reports that Galei Tzahal, the Israeli Defense Forces Radio, will not use mediumwave anymore for their transmissions, only FM. Checking 945, 1224, 1305 and 1368 kHz by Mauro Ritola and me gives no trace of Galei Tzahal on these frequencies tonight. (Bengt Ericson, ARC 13.7.2015) Update: Ombudsman Eran Elyakim by Galei-Tzahal confirms that the MW-broadcasts ended last month. (Bengt Ericson, ARC 13.7.2015)

**LUXEMBOURG:** RTL on 1440 kHz is off daily (except Sundays) until 0255:45 and the only day they were on before 0300 with their usual musical programming was the last Monday (13th). On Sundays they start 1 hour later. (Karel Honzek, mwcircle)

**MONACO:** 702 Col de la Madone – Since August 1st, China Radio International is off and on FM 96.4 MHz there is a new station (with relay from Nice Radio). (Christian Ghibaudo, Ydun's Medium Wave Info 2.8.2015)

**NETHERLANDS:** 675 Radio Maria, The Dutch Catholic station, will stop broadcasting on medium wave on 1 September. There have been rumors about this for some time, but now the radio station has confirmed the news itself. From 1 September Radio Maria will be heard exclusively on DAB+ and the internet. Extensive research by the Board of Radio Maria concluded that there is no affordable alternative to AM, so from September broadcasts will be on digital platforms only. (Andy Sennitt, PCJ Facebook group via MWDX 28.7.2015)

747/1251 Radio 5 will leave medium wave as of September 1st, 2015 according to the stations website. Listeners are advised to retune to cable, digital tv, the internet or DAB+. The two frequencies of Radio 5 which are due to be closed are 747 kHz (Zeewolde – 200 kW) and 1251 kHz (Emmaberg – 5 kW). (Stig Hartvig Nielsen via Ydun's Medium Wave Info 22.7.2015)

1008 One might suspect, that with the end of NPO 5 Radio Nostalgia's broadcasting from Zeewolde (747 kHz), Groot Nieuws Radio (1008 kHz) transmitting from the same site might also leave. The station is in a summer mode ("Zomer Radio") with a new schedule to start on August 31. From September, the station will be available on Dutch digital radio, DAB+, so listeners on medium wave may indeed be in for a bad surprise. On the other hand, there is no hint on their web site [www.grootnieuwsradio.nl/](http://www.grootnieuwsradio.nl/). (Dr Hansjoerg Biener, Ydun's Medium Wave Info 7.8.2015)

On air:  
 891 Radio 538  
 1008 Groot Nieuws Radio (NOT: Goed Nieuws Radio)  
 1116 Radio Bloemendaal  
 1224 Radio Paradijs with very low power (10 W)  
 1332 Radio Paradijs with very low power (2 W)  
 1566 Vahon Hindustani Radio  
 1584 Radio Paradijs (150 W)  
 1602 The Mighty KBC/ Radio Seagull  
 Jazz Radio doesn't exist in Amsterdam and The Hague. (Max van Arnhem, DXing.info 24/8-2015)

**PORTUGAL:** 666 RTP Antena 1, Cristelo Covo (Valença) has recently been reactivated. This frequency, located in northwestern Portugal, close to Spain, was closed down some years ago (in 2011) because the transmitter suffered an irretrievable breakdown. As a consequence of this problem, RTP has been postponing this matter... until now. It appears (my speculation) that the technical department found one spare transmitter not regularly used but kept in good condition, which should now replace the old, broken equipment. According to the user "P Pinto" at [https://groups.yahoo.com/neo/groups/mundo\\_da\\_radio/conversations/topics/2739](https://groups.yahoo.com/neo/groups/mundo_da_radio/conversations/topics/2739) the modulation is somewhat weak; anyway, the transmitter puts good signal between Valença and Caminha; 666 kHz have fair reception within the city of Viana do Castelo. This MW outlet is particularly useful in highly mountainous areas where the reception via VHF-FM has some gaps. Despite the fact that RTP has been installing new VHF-FM relays in the region, there are a few areas (e.g. Vila Nova de Cerveira) not well served by VHF-FM, so medium wave should be an alternative to listen to the first channel of public radio. (Luis Carvalho, Ydun's Medium Wave Info 11.6.2015)

**SWAZILAND:** TWR Swaziland asks for additional donations so that a replacement medium wave transmitter for 1170 kHz (50 kW, on air in the evenings) can be shipped to the site to replace a malfunctioning prototype currently in temporary use. According to information received earlier, the transmitter was originally used by an offshore broadcaster and came to be used in Swaziland in 2011 after being refurbished by the HCJB Global Technology Center. (Dr Hannsjörg Bienermediumwave.info 17/7-2015)

**SWITZERLAND:** Swiss youth project Wildmountain Radio (<http://wildmountain.ch>) will be active on mediumwave 1566 kHz AM (ex-Beromuenster) from 24 till 27 September 2015. Swiss regulator BAKOM has licensed this operation for a 1 kW transmitter and an inverted vee dipole. Location of studio and transmitter is Wildberg, Kanton Zurich, Switzerland. (Harald Kuhl, mwcircle)

**UKRAINE:** 549 from today, June 14th, Luch is back on the air after maintenance. 972 kHz is quiet. (Bengt Ericson, ARC)

1431 World Service broadcasting in Russian in Ukraine has changed the time of airing. Now listen to its mono 1600-2000. The station is interested in the technical reports. Reports send to the address: [tsekhanovskyy@nrcu.gov.ua](mailto:tsekhanovskyy@nrcu.gov.ua). (Victor Tsekhanovich, RUS-DX # 828 via Ydun's Medium Wave Info 12.7.2015)

**UNITED ARAB EMIRATES:** Asianet Radio in Abu Dhabi (657 kHz) is now using transmitter on 1539 kHz in UAE with high power. The signal is very good in Växjö around 2000 with Asianet news in Malayam. Harri Teräsraanta in Finland discovered the new frequency. Info via Mauno Ritola. (Bengt Ericson, ARC 8.7.2015)

## WESTERN HEMISPHERE

**BOLIVIA:** Here are station ID's of all the Medium Wave radio stations which were on the air in La Paz/El Alto, Bolivia, in late January 2014. All but one – which remained unidentified. (Frequencies are to the nearest 10 kHz) <https://soundcloud.com/stig-hartvig-nielsen/la-paz-am-dial>.

580 Radio Panamericana, La Paz	1100 Universal Radio Conciencia, El Alto
620 Radio San Gabriel, El Alto	1120 Radio Celestial, El Alto
650 Radiodif. Integración, El Alto	1160 Radio Continental, La Paz
680 Andina, La Paz	1180 Radio La Voz de Dios
700 Radio Pacha Kamasa, El Alto	1200 Radio Carlos Palenque, La Paz
720 Radio La Cruz del Sur, La Paz	1220 Radio Nueva Splendid, La Paz
740 Radio Pueblo de Dios (eller Tu Radio – Fuego de Dios)	1260 Radioemisoras Unidas
760 Radio Fides, La Paz	1300 Radio Sol – Poder de Dios, El Alto
800 Radio Play, La Paz	1360 Radio Cor-dial, El Alto
820 Radio Altiplano Advenir, La Paz	1400 Radio Nacional de Bolivia, La Paz
840 Radio Atipiri, El Alto	1420 Radio Creo en Milagros, La Paz
880 Nueva Radio Jacha, El Alto	1440 Radio Batallón Colorados, La Paz
900 Sistema Nacional de Comunicación/La Popular, La Paz.	1480 Radio Amor de Dios, El Alto
920 Radio Bartolina Sisa, El Alto	1520 Radio La Luz del Tiempo, El Alto
940 Radio Metropolitana, La Paz	1540 Radio Bendita Trinidad y Espíritu Santo, El Alto
980 Radio Mar, La Paz	1560 Radio Luz de Mundo, La Paz
1000 Radio Taypi – Mil AM, La Paz	1580 Radio El Fuego del Espíritu Santo, El Alto
1020 Red Patria Nueva, La Paz	1600 La Voz del Espíritu Santo, El Alto
1060 Radio Presencia de Dios – Ministerio de Evangelismo, La Paz	

Also some FM-stations here – should you be interested. This is no way complete, but just a selection of stations <https://soundcloud.com/stig-hartvig-nielsen/la-paz-fm-dial> (Stig Hartvig Nielsen, mwdx, 31 July)

**BRAZIL:** 540 ZYK697 Radio Globo, Birigui (SP01) – ex Radio Uirapuru (Radio Globo/CBN)  
 820 ZYH655 Radio Sul Cearense, Brejo Santa (CE60) is reported inactive. (Cláudio Moraes)  
 900 ZYI533 Radio Liberal, Belém (PA10) – ex CBN (Radio Globo/CBN)  
 1010 ZYL264 CBN, Juiz de Fora (MG48) – ex R Solar (Radio Globo/CBN)  
 1160 ZYJ258 Radio Globo, Londrina (PR56) – ex R Manchete (Radio Globo/CBN)  
 1250 ZYI218 Radio Nova Estação, Vitória (ES18) – ex CBN (Radio Globo/CBN)  
 1470 ZYJ781 Radio Record, São José (CE65) is reported inactive. (Cláudio Moraes) (all via Arctic)

**COLOMBIA:** 550, 560, 570, 580, 610, 680, 1000 Radio Nacional de Colombia, ex Señal Radio. (Pedro F Arrunátegui & Henrik Klemetz, Arctic)

**GREENLAND:** All three of KNR's planned MW transmitters – 570 Kitsissut near Nuuk, 650 Qeqertarsuaq and 720 Simiutaq in southern Greenland – are now in operation. More (in Danish) <http://knr.gl/kl/nutaarsiasat/knr-radio-asimi-tusarnaaruk>. (Stig Hartvig Nielsen, DDXLK via Ydun's Medium Wave Info 3.7.2015)

**NICARAGUA:** 1000 YNFF R Hosanna, Managua, ex Radio Mil <http://www.hosannaradio.info/>. (Mauno Ritola, WRTH)

**PERU:** 650 OAU9D Radio Kampagkis, Nieva (AM11) – ex Radio OAU9D. (Fredrik Dourén)  
 810 OCU6Q New licence to Felicita Rosa Alvarado Hurtado – 2 kW. Jr Ancash N° 555-2, Moquegua, Provincia de Moquegua (MTS)  
 1050 OBZ4J Bethel Radio, Huancayo (JN12) – ex Radio Bolognesi (FD)  
 1150 OAU7X Radio La Sureña, Juliaca (PU17) – ex Radio Frontera (FD)  
 1200 OAM7O Radio Universidad, Puno (PU55) – ex Radio OAM7O (FD)  
 1260 OBX6D Radio Mahanaim, Arequipa (AQ26) – ex Radio Mundial (web)  
 1270 Radio Ebenezer, Bambamarca (CJ50) – reactivated. Los Libertadores 250, Bambamarca (web)  
 1420 OBU7X Avance Voz Evangélica, Espinar (CU48) – ex Radio OBU7X (web)  
 1590 OAU9D Radio Bendición, Trujillo (LL43) – ex Agro Radio (web) (all via Arctic)





Welcome to another edition of SportChannels! Football season is just about to get underway; in the last edition, we featured the teams from the AFC East and NFC East. This time, we'll feature the teams from the AFC North and NFC North. Flagship stations are in **boldface** type.

# AMERICAN FOOTBALL CONFERENCE – NORTHERN DIVISION

**BALTIMORE RAVENS** No play-by-play personnel information available, Web: [baltimoreravens.com](http://baltimoreravens.com)

**1090 WBAL Baltimore, MD**

**97.9 WIYY Baltimore, MD**

**CINCINNATI BENGALS** Dan Hoard, Dave Lapham, Web: [bengals.com](http://bengals.com)

<b>AM</b>	1300 WJYP Saint Albans, WV	1510 WLGW Logan, OH	102.3 WCYN-FM Cynthiana, KY
600 WKYH Paintsville, KY	1320 WLOH Lancaster, OH	<b>1530 WCKY Cincinnati, OH</b>	<b>102.7 WEBN Cincinnati, OH</b>
<b>700 WLW Cincinnati, OH</b>	1340 WCMI Ashland, KY	1570 WPTW Piqua, OH	103.7 W279CE Middleport, OH (2)
790 WKRD Louisville, KY	1340 WMON Montgomery, WV	1590 WSRW Hillsboro, OH	103.9 WRBI Batesville, IN
930 WRVC Huntington, WV	1360 WMOV Ravenswood, WV	<b>FM</b>	104.7 WTUE Dayton, OH
970 WATH Athens, OH	1390 WMPO Middleport, OH	92.1 WBVB Carlisle, KY	105.5 WCHO-FM Washington Court House, OH
990 WTIG Massillon, OH	1430 WCLT Newark, OH**	95.9 WKID Vevay, IN	105.7 WBWR Hilliard, OH
1010 WIOI New Boston, OH	1450 WWXL Manchester, KY	96.7 WBVI Fostoria, OH	107.9 WAMW-FM Washington, IN
1150 WIMA Lima, OH	1480 WTLO Somerset, KY	96.7 WCSM Celina, OH	
1240 WHIZ Zanesville, OH	1490 WBEX Chillicothe, OH	98.1 W251BC Piqua, OH (1)	
1270 WQTT Marysville, OH	1490 WMOA Marietta, OH	100.3 WCLT-FM Newark, OH	
1300 WMVO Mount Vernon, OH*	1490 WMRN Marion, OH		

Relays: 1) WPTW 1570, 2) WMPO 1390, \* denotes Bengals' list has call as WCLT, \*\* denotes Bengals' list has call as WMVO

**CLEVELAND BROWNS** Ken Carmen, Jerrod Cherry, Tony Rizzo, Dustin Fox, Matt Wilhelm, Web: [clevelandbrowns.com](http://clevelandbrowns.com)

<b>AM</b>	1440 WRGM Ontario, OH	<b>FM</b>	97.3 W247BL Mansfield, OH (1)
<b>850 WKNR Cleveland, OH</b>	1450 WJER Dover, OH	<b>92.3 WKRK Cleveland Heights, OH</b>	97.5 WONE-FM Akron, OH
970 WFUN Ashtabula, OH	1480 WHBC Canton, OH	93.1 WWSR Lima, OH	<b>98.5 WNCX Cleveland, OH</b>
1240 WBBW Youngstown, OH	1540 WBTC Uhrichsville, OH	94.1 WHBC-FM Canton, OH	100.9 WJAW-FM McConnelsville, OH
1260 WRIE Erie, PA	1590 WAKR Akron, OH	95.3 WKTN Kenton, OH	102.9 WYFM Youngstown, OH
1290 WHIO Dayton, OH	1600 WKKX Wheeling, WV	95.5 WZHH Lancaster, OH	104.5 WQKT Wooster, OH
1430 WFOB Fostoria, OH		95.7 WHIO-FM Pleasant Hill, OH	107.7 WPFX Luckey, OH

Relays: 1) WRGM 1440

**PITTSBURGH STEELERS** Bill Hillgrove, Tunch Ilkin, Craig Wolfley, Web: [steelers.com](http://steelers.com)

<b>AM</b>	1320 WGET Gettysburg, PA	<b>FM</b>	102.3 WHBS Pittston, PA
560 WFRB Frostburg, MD	1390 WNIO Youngstown, OH	92.1 WOBF Bellevue, OH	<b>102.5 WDV Pittsburgh, PA</b>
580 WCHS Charleston, WV	1400 WJET Erie, PA*	92.3 WVSL Riverside, PA	103.7 WCXR Lewisburg, PA**
590 WMBS Uniontown, PA	1410 WHAG Halfway, MD	92.3 WPCR New Martinsville, WV	104.1 WPXZ Punxsutawney, PA
630 WJAW Saint Mary's, WV	1430 WVAM Altoona, PA	92.7 WCCR Clarion, PA	104.3 WKNB Clarendon, PA
680 WISR Butler, PA	1450 WTBO Cumberland, MD	94.3 WUZZ Saegertown, PA	104.9 WRKY Hollidaysburg, PA
800 WCHA Chambersburg, PA	1450 WJPA Washington, PA	94.3 WRLF Fairmont, WV	106.3 WHUN-FM Mount Union, PA***
920 WMMN Fairmont, WV	1450 WQWK State College, PA	95.1 WWGY Grove City, PA	107.1 WRXZ Briarcliffe Acres, SC
930 WFMD Frederick, MD	1460 WMBA Ambridge, PA	97.3 WRV Harrisburg, PA	107.5 WBVE Bedford, PA
<b>970 WBG Pittsburgh, PA</b>	1480 WCNS Latrobe, PA	98.9 WTOH Upper Arlington, OH	107.7 WUUZ Cooperstown, PA
990 WLLI Somerset, PA	1490 WESB Bradford, PA	99.1 WRKW Ebensburg, PA	
1160 WCCS Homer City, PA	1490 WNTJ Johnstown, PA	99.3 WZXR South Williamsport, PA**	
1230 WBVP Beaver Falls, PA	1490 WSWW Charleston, WV	102.1 WOWQ DuBois, PA	

\* denotes Steelers' list has this as on 1440, \*\*denotes Steelers' list has WCXR on 93.3 and WZXR on 103.7, \*\*\* denotes Steelers' list has this on 106.9

# NATIONAL FOOTBALL CONFERENCE – NORTHERN DIVISION

**CHICAGO BEARS** Zach Zaidman, Jeff Joniak, Web: [chicagobears.com](http://chicagobears.com)

<b>AM</b>	1280 WBIG Aurora, IL	<b>FM</b>	101.7 WIVR Kentland, IN
600 WMT Cedar Rapids, IA*	1340 WJPF Herrin, IL	92.5 WREE Urbana, IL**	101.9 WARU-FM Roann, IN
<b>670 WSCR Chicago, IL</b>	1360 WLBK DeKalb, IL	92.7 WLSR Galesburg, IL	104.9 WXRW Winnebago, IL
<b>780 WBBM Chicago, IL</b>	1400 WBAT Marion, IN	92.7 WVLI Kankakee, IL***	104.9 KBOB-FM DeWitt, IA
1020 WCIL Carbondale, IL	1450 WFMB Springfield, IL	93.7 WJBC-FM Pontiac, IL	<b>105.9 WCFB Elmwood Park, IL</b>
1050 WDC Decatur, IL	1450 WASK Lafayette, IN	95.3 WTRC-FM Niles, MI	106.1 KIYX Sageville, IA
1060 WRHL Rochelle, IL	1450 WAXI Rockville, IN	95.5 WGLO Pekin, IL	106.3 WGCY Gibson City, IL
1150 KCPS Burlington, IA	1480 WRSW Warsaw, IN	97.7 WLQI Rensselaer, IN	
1230 WJBC Bloomington, IL	1600 WARU Peru, IN	98.9 W255BN DeKalb, IL (1)	

Relays: 1) WLBK 1360, \* denotes Bears' list gives city of license as Carbondale, IL, \*\* denotes Bears' list gives calls as WYXY, \*\*\* denotes Bears' list gives frequency as 95.1

**DETROIT LIONS** Dan Miller, Jim Brandstatter, Tony Ortiz, Web: [detroitlions.com](http://detroitlions.com)

<b>AM</b>	1400 WCCY Houghton, MI	94.9 WSJM-FM Benton Harbor, MI	100.5 WSGW-FM Carrollton, MI
790 WSGW Saginaw, MI	1400 WSJM Benton Harbor, MI	95.1 W236BR Reed City, MI (1)	101.3 WBFX Grand Rapids, MI
1240 WIAN Ishpeming, MI	1450 WHTC Holland, MI	95.3 WBCK Battle Creek, MI*	101.9 WLQR-FM Delta, OH (2)
1240 WJIM Lansing, MI	1450 WIBM Jackson, MI	96.7 WRGZ Rogers City, MI	103.7 WCSY-FM South Haven, MI
<b>1270 WXYT Detroit, MI</b>	1450 WMIQ Iron Mountain, MI	<b>97.1 WXYT-FM Detroit, MI</b>	103.9 WRSR Owosso, MI
1280 WFYC Alma, MI	1460 WBRN Big Rapids, MI	97.7 WCHY Cheboygan, MI	104.7 WYKX Escanaba, MI
1290 WLBY Saline, MI	1470 WLQR Toledo, OH	97.7 WTVG Sandusky, MI	106.5 WLQR-FM Delta, OH
1310 WCCW Traverse City, MI	1490 WTIQ Manistique, MI	98.1 WGFN Glen Arbor, MI	107.1 WCKC Cadillac, MI
1320 WDMJ Marquette, MI	1590 WTVB Coldwater, MI	98.7 WGLI Hancock, MI	107.7 W299BE Big Rapids, MI (1)
1340 WCSR Hillsdale, MI	<b>FM</b>	98.7 WLDN Ludington, MI	107.7 WRKR Portage, MI
1370 WGHN Grand Haven, MI	92.1 WCSR-FM Hillsdale, MI	99.3 WBET Sturgis, MI	107.9 WMUS-FM Muskegon, MI
1380 WPHM Port Huron, MI	93.9 WNBV-FM Newberry, MI	100.3 WQON Grayling, MI	

Relays: 1) WBRN 1460, 2) WIBM 1450, \* denotes also on 930 kHz; the AM, which changed calls to WTOU, is now silent

**GREEN BAY PACKERS** Wayne Larrivee, Larry McCarren, Web: [packers.com](http://packers.com)

**AM**  
 550 WSAU Wausau, WI  
 580 WKTY La Crosse, WI  
 620 WTMJ Milwaukee, WI  
 710 WDSM Superior, WI  
 940 WFAW Fort Atkinson, WI  
 1150 WHBY Kimberly, WI  
 1220 KLBB Stillwater, MN  
 1230 WFXN Moline, IL  
 1230 WCLO Janesville, WI  
 1240 WOMT Manitowoc, WI  
 1310 WIBA Madison, WI  
 1330 WHBL Sheboygan, MI

**1360 WTAQ Green Bay, WI**  
 1400 WBIZ Eau Claire, WI  
 1450 KFIZ Fond du Lac, WI  
 1550 WEVR River Falls, WI

**FM**  
 92.3 WJMQ Clintonville, WI  
 92.3 WRLS Hayward, WI  
 92.7 WDUX-FM Waupaca, WI  
 93.3 WBSZ Ashland, WI  
 93.7 WCYE Three Lakes, WI  
 94.3 WQPC Prairie du Chien, WI  
 95.1 WLST Marinette, WI  
 95.3 WXRO Beaver Dam, WI

96.1 WJMC-FM Rice Lake, WI  
 97.1 WGLQ Escanaba, MI  
 97.1 WCOW Sparta, WI  
**97.5 WTAQ-FM Glenmore Township, WI**  
 97.7 WGLR-FM Lancaster, WI  
 98.3 WRUP Palmer, MI  
 98.3 WCQM Park Falls, WI  
 99.1 KSOO-FM Lennox, SD  
 99.3 WKEB Medford, WI  
 99.7 WIMI Ironwood, MI  
 99.9 WJVL Janesville, WI  
 100.7 WBIZ-FM Eau Claire, WI

100.9 WRCO-FM Richland Center, WI  
**101.1 WIXX Green Bay, WI**  
 101.5 WJNR Iron Mountain, MI  
 101.5 WIBA-FM Sauk City, WI  
 102.3 WAUH Wautoma, WI  
 102.3 WHTL Whitehall, WI  
 102.9 WBDL Reedsburg, WI  
 105.7 WCUP L'Anse, MI  
 105.7 WAPL Appleton, WI  
 105.7 WXCX Siren, WI  
 106.3 WEVR-FM River Falls, WI  
 107.1 WFON Fond du Lac, WI

**MINNESOTA VIKINGS** Paul Allen, Pete Bercich, Greg Coleman, Web: [vikings.com](http://vikings.com)

**AM**  
 550 KFYZ Bismarck, ND\*  
 570 WNAX Yankton, SD  
 620 KMNS Sioux City, IA  
 650 WMNT Nashwauk, MN  
 660 KEYZ Williston, ND  
 730 KSDN Worthington, MN  
 740 KVOX Fargo, ND  
 880 WMEQ Menomonie, WI  
 930 KSDN Aberdeen, SD  
**1130 KTLK Minneapolis, MN**  
 1230 KFSP Mankato, MN\*\*  
 1230 KTRF Thief River Falls, MN  
 1230 KWSN Sioux Falls, SD  
 1240 KICD Spencer, IA  
 1240 WJON Saint Cloud, MN  
 1240 KDRL Devils Lake, ND  
 1260 KROX Crookston, MN

1270 KFAN Rochester, MN\*\*\*  
 1310 KGLB Glencoe, MN  
 1340 KDLM Detroit Lakes, MN  
 1340 KRBT Eveleth, MN  
 1340 KWLM Willmar, MN  
 1380 KLIZ Brainerd, MN  
 1380 KWNO Winona, MN  
 1390 KXSS Waite Park, MN  
 1390 KRRZ Minot, ND  
 1440 KKXL Grand Forks, ND  
 1450 KBUN Bemidji, MN  
 1450 WELY Ely, MN  
 1460 KXNO Des Moines, IA  
 1460 KLTC Dickinson, ND  
 1490 KQDS Duluth, MN  
 1490 KOVC Valley City, ND  
 1600 KDAK Carrington, ND

**FM**  
 92.5 KKWQ Warroad, MN  
 93.1 K226CA Detroit Lakes, MN (1)  
 94.1 KXLP Eagle Lake, MN  
 94.3 KKIN-FM Aitkin, MN  
 94.5 KPLO Reliance, SD  
 94.9 KQDS-FM Duluth, MN  
 95.3 WXXZ Grand Marais, MN  
 95.7 KKOK Morris, MN  
 96.1 KQPR Albert Lea, MN  
 96.7 KKCC-FM Bagley, MN  
 96.9 KMFY Grand Rapids, MN  
 98.3 KQYB Spring Grove, MN  
 99.1 WKFX Rice Lake, WI  
**100.3 KFAN-FM Minneapolis, MN**  
 100.7 KIKV Sauk Centre, MN  
 100.7 KMLO Lowry, SD  
 100.9 WCMP-FM Pine City, MN

101.1 KBHP Bemidji, MN  
 101.1 WHSM-FM Hayward, WI  
 101.7 KRCH Rochester, MN  
 101.9 KRWK Fargo, ND  
 102.9 KBWS Sisseton, SD  
 103.3 KZCR Fergus Falls, MN  
 104.1 KSDM International Falls, MN  
 105.1 KARL Tracy, MN  
 105.7 K291BT Grand Forks, ND (2)  
 105.7 KRAQ Jackson, MN  
 105.9 KHRS Winthrop, MN  
 105.9 KKWS Wadena, MN  
 106.3 KWAT-FM Ortonville, MN  
 106.9 KARP Dassel, MN  
 107.3 KNUJ-FM Sleepy Eye, MN

Relays: 1) KDLM 1340, 2) KROX 1260, \* Vikings' list has the frequency as 520, \*\* Vikings' list has old call KYSM, \*\* Vikings' list has old call KWBE

That will do it for another edition of SportChannels! In the next edition, the AFC South and NFC South will be the featured divisions. 73 and play hard!



**VERIFICATION SIGNERS – Stephen S Howe – 9 Warner Dr – St Albans VT 05478-1575**  
 E-mail: [showe@albany.edu](mailto:showe@albany.edu)

My deadline is the last Monday of the month at 1500 ELT.

**CONTRIBUTOR**

MF **Martin Foltz**, Mission Viejo CA; [martinfoltz@cox.net](mailto:martinfoltz@cox.net)

**FREQ CALL NAME, TITLE; ADDRESS; WHAT; WHEN; WHO**

1430 KLO Matt Webb, GM; 257 East 200 South #400, Salt Lake City UT 84111; P; 47(8f); MF  
 1450 KQTE Charles Love, Owner; PO Box 1079, Helendale CA 92342; P; 57(6f); MF  
 1580 KBLA Lisa Shepherd; 747 E Green St, Pasadena CA 91101; P; 8; MF

**WHAT** was received: L = Letter with personalized statement; F = Form letter; Q = QSL card, commercially printed; C = Postcard or similar card supplied by station; P = Prepared card or form supplied by DXer; R = DXer's report returned with statement; cf = Certificate; E = Verification by e-mail; fx = Verification by FAX; M = Coverage map; B = Bumper or other sticker; bc = Business card; + = Extra goodies

**WHEN** the reply came: Number of days elapsed; f = Follow-up, by mail, FAX, e-mail, or visit; n = Return postage not used; r = Return postage returned

**NOTES:** \* [For this column] = None

Martin notes that the veries from KLO and KQTE came after follow-up reports were sent when e-mail reports were not answered. This column was prepared on 8/31/15. 73, SSH.



**ULTRALIGHT NEWS – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334**  
 E-mail: [phil\\_tekno@yahoo.com](mailto:phil_tekno@yahoo.com)

**August 2015 Rockwork 4 Ocean Cliff DXpedition**  
**South Pacific Signals with Nature's Finest Enhancement**  
 By Gary DeBock, Puyallup WA, USA August 2015



From August 6-10 three fanatical transoceanic DXers once again gathered at the plunging ocean cliff known as Rockwork 4 – a narrow Highway 101 turnoff in Tillamook County, Oregon. My DXpedition partners Chuck Hutton and Tom Rothlisberger each set up relatively small broadband loops for Perseus-SDR spectrum capture, while I set up large (17" and 12") Ferrite Sleeve Loop antennas to chase South Pacific DX with a C.Crane Skywave Ultralight radio.

We were lucky enough to enjoy exceptional New Zealand and Australian propagation, and even a day when both seem to have been combined. My DU-DXing totals with the Ultralight radio and FSL antennas were 22 New Zealand stations, 11 from Australia, 1 from Fiji and 1 from Tahiti. The exceptional Australian propagation on August 8<sup>th</sup> enabled reception of the extremely long-range station 558-6WA in Wagin, Western Australia—breaking the all-time Ultralight radio worldwide DX distance record.

Although my DXpedition partners Chuck and Tom are still reviewing their wav files from the ocean cliff trip the ULR + FSL loggings have all been recorded, and are posted below (along with MP3 recording links for each South Pacific signal). With the exception of the stations on 531 kHz (received on a Tecsun PL-380 and 12" Longwave FSL) all stations were received on a 7.5" loopstick C.Crane Skywave Ultralight radio inductively coupled to a 17" FSL antenna. Signals which pegged the Skywave's signal strength bar graph during the MP3 recording are marked with a double asterisk (\*\*). Thanks to my DXpedition partners Chuck and Tom for sharing information about their DX catches, and to Theo Donnelly and David Ricquish for providing information about the New Zealand broadcast stations.



- 531 **AUSTRALIA**, 4KZ, Innisfail, 5 kW. Overall the strongest 531 station during the DXpedition, the signals of this Queensland broadcaster varied greatly depending on whether propagation favored Australia. This fairly strong string of local ads was received in total darkness immediately after FSL antenna setup at 1146 on 8/8 – the morning of exceptional Australian propagation. <https://app.box.com/s/4cglto8uzff7zymehxiw0bkx8wha5rtl>.
- 531 **NEW ZEALAND**, PI, Auckland, 5 kW. The signals of this Samoan language Kiwi broadcaster took a major dive this year compared to last, presumably because of unfavorable antenna changes in the spring. Whereas it was the strongest New Zealand station last July it wasn't even the strongest 531 DU this summer. This modest signal was typical, and both 4KZ and More FM could dominate over it at times. <https://app.box.com/s/gtb0vuqntnmvkn0h14zdk5iadezpapze>.
- 531 **NEW ZEALAND**, More FM, Alexandra, 2 kW. Very rare Kiwi R & B music station heard for the first time in North America in June at this location, it occasionally sneaks through the more powerful (5 kW) Auckland Maori language station (PI), dominating it for brief periods. This MP3 features a "More PM" ID 3 seconds into the recording, made on the last day of the DXpedition on 8/10. <https://app.box.com/s/d164sjtzhxf38wdzbsxcdd22nraz20u>.
- 531 **UnID**. Mystery station mixing with 4KZ (shortly after 4KZ's 6 pips at 1300 on 8/8) during all-Australian propagation at the time – possibly 2PM? (headphones recommended). <https://app.box.com/s/bfjib90s7zhf0ewun5xas011jw4msn7m>.
- 558 **FIJI**, Radio Fiji, Suva, 10 kW. Listed as inactive in the 2015 WRTH and not listed in the current PAL, the station was heard weakly in June at this location by Tom and I (and without interruption, by some NZ DXers). This powerful (near S9) signal recorded on the last day of the DXpedition features the station's typical Polynesian choral music format, and is solid evidence that the transmitter has been repaired. <https://app.box.com/s/vq9768fgfvqdjeuc30dtqkt2m6p9u7rh>.
- 558 **NEW ZEALAND**, Radio Sport, Invercargill, 5 kW. Very rare South Island Kiwi snuck through with a few seconds of Yankee-accented English (from the American Fox Sports Network) //774 at 1304 on 8/6 (headphones recommended); this obscure station is always a tough challenge. <https://app.box.com/s/cnzp33v5vz3f0p08lwx156s87qb5ufdl>.
- 558 **AUSTRALIA**, 4GY, Gympie, 5 kW. Presumed the one during all-Australian propagation with commercial ads mixed with apparent talk format near end of recording; DXpedition partner Chuck Hutton had the talk-format SRN network // on 639 at the time to confirm his own reception of 4GY, which broadcasts the SRN talk format during this period. <https://app.box.com/s/6nl2diq31sw5n0czulp1oew5isj1upt4>.
- 558 **AUSTRALIA**, 6WA, Wagin, 50 kW. Relatively weak logging made at the end of a session featuring Australian-slanted propagation, this recording features the typical LR network male-female interview format and announcer voices, with programming identical to an LR network signal from 828-3GI heard by DXpedition partner Tom Rothlisberger. Fortunately, 6WA is the only LR network station on the frequency. A new Ultralight radio worldwide DX distance record at 9,137 miles/14,704 km. <https://app.box.com/s/qihuaia6gdcc0714z3jix5f8gwzycg26>.
- 567\*\* **NEW ZEALAND**, RNZ, Wellington, 50 kW. Consistently the strongest Kiwi station on the band each morning, this was a big change from last year (when 531-PI was the top signal). This big band music on 8/7 was typical of the station's strength. Unlike in June, the Aussie co-channel 4JK never managed a trace during the trip. <https://app.box.com/s/7izpqspr9lvof7qx91u0fv17d723417t>.
- 576 **AUSTRALIA**, 2RN, Sydney, 50 kW. A powerful signal when Aussie propagation kicked in, but MIA when New Zealand was favored. Playing a variety of exotic music, its strength made identification of the ABC RN network parallel signal 585-7RN possible during good propagation. <https://app.box.com/s/0qlp1ddc3z4erzyew26os74iid8awh3q>.
- 576 **NEW ZEALAND**, Star, Hamilton, 2.5 kW. New-format 2.5 kW station sounding pretty healthy with Christian music //657 at 1317 on 8/9 (657-Star recording is at the end of the MP3). Signals from this low power relay were either fairly good or drowned out, depending upon whether the Aussie big gun 2RN had good propagation. <https://app.box.com/s/2u334x5gsholkq5y7ymz1vz8ttwhzkdj>.
- 585 **AUSTRALIA**, 7RN, Hobart, 10 kW. The only Tasmanian station ever to be heard on cliffs with FSL antennas, this potent RN network signal on 8/9 was matched with the 576-2RN parallel for identity confirmation. The announcer gives a laid-back introduction to jazz music, dominating the frequency completely. <https://app.box.com/s/q8t7f6rtjs45mev1wo24a85mmudt5al>.
- 585 **NEW ZEALAND**, Radio Ngati Porou, Ruatoria, 2 kW. This Maori-language Kiwi station has a legendary reputation for weakness, and has only been heard with FSL antennas at this Rockwork 4 site. The only way to identify it is to match its Maori-language programming with late-night parallels on 603 or 765, and this is rarely possible. For some unknown reason wacky Kiwi propagation on 8/9 boosted its signal up to a relatively healthy level, even stronger than its 603 parallel recorded at the end of the MP3. <https://app.box.com/s/zg1b3p39c288h4vomiqzs0i6medb6hb>.
- 585p **AUSTRALIA**, 2WEB, Bourke, 10 kW. During wacky Australian-slanted propagation on 8/8 this signal featuring the Tokens' "The Lion Sleeps Tonight" temporarily broke through 7RN's exotic music, and was not parallel to either 576 or 603 (ie not 7RN nor Radio Ngati Porou). Since this song is typical of that played in 2WEB's format, the evidence definitely points to that station (which has been heard twice before at this location). <https://app.box.com/s/ux40moc0k3l3nohximyrix8bcsp6lq71>.
- 594 **NEW ZEALAND**, Rhema, Timaru/Wanganui, 5 kW/2 kW. Fairly strong with New Zealand weather report by Kiwi-accented lady, followed by Bible reading and Christian music //684. This Rhema frequency was usually a little weaker than its 684 parallel, but completely clear since the Australian big gun 3WV never managed a trace. <https://app.box.com/s/h124qilylpdf0jm01uotvsrl5n76fnyqt>.
- 603\*\* **NEW ZEALAND**, Radio Waatea, Auckland, 5 kW. Maori language broadcaster parallel to 765-Kahungunu during early mornings in NZ, it often hit S9+ peaks during favorable Kiwi propagation. This awesome signal (with beautiful Maori music) was recorded at 1244 on the first day (8/6). <https://app.box.com/s/yiukz83f6r82si6wmim0w8n0xxksauj2>.

- 657\*\* **NEW ZEALAND**, Star, Wellington/Tauranga, 50 kW/10 kW. The Christian hymn broadcaster's frequency usually has a tough time with domestic splatter but occasionally gets its music through at a strong level, such as on 8/7 at 1320. Convenient parallel signal for network relays on 576 and 963, among others. <https://app.box.com/s/4wby3uzs32hwy26h1t7ale86afmnm30>.
- 675\*\* **NEW ZEALAND**, RNZ, Christchurch, 10 kW. Potent signal with female presenter telling story at 1321 on the first day (8/6); its best signal ever observed during an ocean cliff DXpedition. // 567, 756 and other RNZ frequencies. <https://app.box.com/s/6eb9sqxyqd51d7of7rq6f4k5fbx56ckj>.
- 684 **NEW ZEALAND**, Rhema, Gisborne, 5 kW. The strongest frequency of the Rhema Christian broadcasting network during this trip, usually featuring Christian contemporary music at a fair to good level //594. Unfortunately some mystery RF noise showed up on the frequency at times. <https://app.box.com/s/8t178fm35wuxdd1g9kon99vmja0jyiwg>.
- 702\*\* **NEW ZEALAND**, Magic, Auckland, 10 kW. Depending upon propagation this new-format oldies station (ex-Radio Live) was either running wild over the Aussie big gun 2BL or buried way below it. This recording was made during exceptional Kiwi propagation on 8/7, making the station sound like an Oregon coast local. <https://app.box.com/s/pp1s7eaccs1dvx36tr2hgoo79dj13bdu>.
- 702 **AUSTRALIA**, 2BL, Sydney, 50 kW. During Aussie-slanted propagation the LR network big gun really dominated, pushing Auckland's new oldies station down into the noise. This situation prevailed at 1301 on the first day (8/6). <https://app.box.com/s/bfwh3453b4q4194ky1wa10qkklrtvqp>.
- 738\*\* **TAHITI**, Radio Polynesie, Papeete, 20 kW. Blistering strong signals usually showed up from this French language blowtorch once each morning, whose R&B music seemed to get a boost whenever the Kiwis were favored. This awesome recording of African and French pop music was made on such a morning, at 1307 on 8/7. <https://app.box.com/s/xsg8z7h75u1m6ple67k2vub3we279m7v>.
- 738 **UnID**. Aussie LR network big gun 2NR possibly the one in a mix with Tahiti's distinctive music at 1309 on 8/9; only heard once (during exceptional Australian propagation) <https://app.box.com/s/ygl6fm0ohcljc75nxd8t1cp01sgxz55>.
- 756 **NEW ZEALAND**, RNZ, Auckland, 10 kW. Despite being only 75 miles (and 6 kHz) away from Portland's 50 kW IBOC monstrosity the solid rock cliff attenuated enough pest splatter for this Kiwi signal to squeak through on 8/9 at 1220, //567. <https://app.box.com/s/7hkdbio5b5k20kw0sar0birvx7pxm4yq>.
- 765\*\* **NEW ZEALAND**, Radio Kahungunu, Napier-Hastings, 2.5 kW. As always, this Maori-language overachiever had incredible signals for its 2.5 kW power. Who would ever have thought that this near-S9 level Maori language music came from such a low power station? Another of the wackiest ocean cliff mysteries..... <https://app.box.com/s/n7mrX09thh66fib20aqw5gxve8eglp1k>.
- 774 **AUSTRALIA**, 3LO, Melbourne. Depending upon propagation the Aussie big gun could drown out the Kiwi Radio Sport, but that was rare. One such situation prevailed at 1302 on the first day of 8/6. <https://app.box.com/s/omxpvmlvpsq7fl62y0avsrrnnqu1f8ki2>.
- 774\*\* **NEW ZEALAND**, Radio Sport, New Plymouth, 5 kW. With its relay of the American network Fox Sports News after local midnight, the Kiwi Radio Sport network stands out like a sore thumb with its Yankee-accented English. This booming signal (way over the Aussie 3LO) was recorded during excellent Kiwi propagation on 8/10. <https://app.box.com/s/vw4qzez3wo0n6v18p65e0mhuie28jnu>.
- 783 **NEW ZEALAND**, Access Radio, Wellington, 10kW. Not quite as strong this trip as in previous cliff visits, this modest signal was received at 1300 on 8/9. <https://app.box.com/s/98kaksp7me7o3hyillfpk0qh1ee4o02h>.
- 792 **AUSTRALIA**, 4RN, Brisbane, 25 kW. Dominant over the Kiwi Radio Sport relay except during freakish New Zealand propagation, this RN network big gun was playing exotic string music //576 in a mix with the American-accented Radio Sport and some domestic splatter at 1335 on 8/10. <https://app.box.com/s/vc7pdwq6ammwaha34bcltai9icp57o899>.
- 792 **NEW ZEALAND**, Radio Sport, Hamilton, 5 kW. Showing up occasionally in a mix with 4RN, it was fairly easy to identify with its Yankee-accented English. Not one of the better Radio Sport performers during this trip. <https://app.box.com/s/vc7pdwq6ammwaha34bcltai9icp57o899>.
- 828 **AUSTRALIA**, 3GI, Sale, 10 kW. Usually dominant on the noisy frequency over the 2 kW Kiwi, occasionally favorable New Zealand propagation resulted in a pretty equal mix, such as in this recording at 1311 on 8/6. <https://app.box.com/s/fyesm83wnxjt13o4kmqpw880rlmipk0z>.
- 828 **NEW ZEALAND**, TAB Tracks Radio, 2 kW. Losing the horse race with Aussie 3GI for most of the trip, but sometimes able to come up with a competitive signal. This wild mix of the two (in domestic splatter) was one of the Kiwi's better moments. <https://app.box.com/s/fyesm83wnxjt13o4kmqpw880rlmipk0z>.
- 936 **NEW ZEALAND**, Chinese Voice, Auckland, 1 kW. After recent antenna work this 1 kW ethnic station has broadcast excellent signals for its power level – gaining somewhat of a powerhouse reputation. Here it is giving its best imitation of a Kiwi big gun at 1225 on 8/10 – something that only bizarre ocean cliff propagation could manage. <https://app.box.com/s/bm3eodygfugsnvpjvve0b9cqqtsxfktz>.
- 963 **NEW ZEALAND**, Star, Christchurch, 10 kW. Although usually weaker than its 657 parallel this Christian hymn broadcaster was on a quieter frequency, resulting in somewhat of a tradeoff in signal quality. This Christian music at 1330 on 8/7 was typical. <https://app.box.com/s/tjt1ev18jpiylqynkr34nlvip5f6d457>.
- 1008 **AUSTRALIA**, 4TAB, Brisbane, 10 kW. Typically losing the horse race to the Kiwi Newstalk ZB, the sports-oriented Australian station could occasionally make it a competitive match, as in this recording on 8/7 at 1313. <https://app.box.com/s/xkknany2n35koykeo7nomq472gz96yf9>.
- 1008 **NEW ZEALAND**, Newstalk ZB, Tauranga, 10 kW. Often managing equal signals with its 1035 parallel, this Kiwi talk station was consistently one of the better DU performers. Here it is on 8/10, way over Aussie co-channel 4TAB. <https://app.box.com/s/86x753oroie12vxyuks6b613yggubuhi>.
- 1035\*\* **NEW ZEALAND**, Newstalk ZB, Wellington. Powerful talk signals were usually the order of the day with this Kiwi big gun, //1008 and other frequencies. Although the network concentrates on talk and news, it has recently started playing music as well. <https://app.box.com/s/yvi6w1m7kjkdv8dmhzoslauwhxxeg9x>.



**IRCA COUNTRIES LIST – Bruce Portzer – 6546 19th Ave NE – Seattle WA 98115**  
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#### THE 2015 IRCA COUNTRIES LIST Compiled by Bruce Portzer, Countries List Chairman

Here is the latest version of the IRCA Countries List. This list was originally developed in the 1960's as a guide for club members in their quest for foreign medium wave targets. It has since been updated periodically. The list is organized into three sections: active, inactive, and deleted countries. For each country, I've listed its continent in brackets, and noted any former or alternate names. Any date restrictions are also noted (such as when the country was formed or ceased to exist). There are also a few instances where I've added comments clarifying a country's status.

A place qualifies for inclusion on the list if it meets one or more of the following criteria:

1. It is internationally recognized as independent, either because it is a member of the United Nations or International Telecommunications Union (ITU), or has diplomatic relations with multiple countries.
2. It has a high degree of internal autonomy. This characteristic can be for historical reasons, such as the various parts of the UK, or established through formal agreement, such as Hong Kong or Macao. A portion of a country may also qualify based on de facto autonomy, even if the parent country does not recognize it as such. Taiwan, for example. This qualification is largely a judgment call based on the amount of self-rule and political stability.
3. It is separated from the rest of the country by at least 200 km of open water (no other islands between it and the mainland), such as Hawaii, or 100 km of land, such as Alaska.
4. It is a colony, dependency, protectorate, or other overseas territory, such as Guam or Gibraltar. These places will only be listed if they currently have a MW radio station, have had one or more stations in the past, or have sufficient residents (permanent or temporary) to justify broadcast facilities. As a result, this list doesn't include most of the small islands and other uninhabited territories that appear on the ARRL list.
5. It is under international or other special administrative control, such as Antarctica.
6. It has historically been considered a separate DX "country", even though it doesn't seem to meet any of the above criteria ("We do it that way because that's the way it's always been done").

Country list junkies are welcome to examine the following four lists. Each has its own set of criteria, resulting in some interesting differences and similarities.

- **The ARRL Country List:** This list is used mainly for issuing DX Century Club awards. The criteria are well-thought out, but hotly debated in the ham community. It includes a large number of obscure uninhabited specks of land that are otherwise unnoticed.
- **The NASWA Radio Country List:** This is a list of countries with active shortwave broadcasters, past and present.
- **The Travelers' Century Club List:** This organization gives certificates to those who have visited at least 100 countries. The most recent list has 350 places listed.
- **How many countries are there?** This list analyzes several sources, including the ARRL/DXCC and TCC lists, and concludes that there could be anywhere from 191 to 493 countries, depending on what you count.

Any comments or questions on the list should be addressed to [bportzer@comcast.net](mailto:bportzer@comcast.net)

## ACTIVE COUNTRIES

The following countries currently have or are believed to have active medium or long wave broadcast stations.

Afghanistan [AS]  
Alaska [NA]  
Albania [EU]  
Algeria [AF]  
Andaman & Nicobar Islands (part of India) [AS]  
Angola [AF]  
Anguilla [NA]  
Antigua & Barbuda [NA]  
Argentina [SA]  
Armenia [AS]  
Australia [OC]  
Azerbaijan [AS]  
Azores [EU]  
Bahamas [NA]  
Bahrain [AS]  
Balearic Islands (part of Spain) [EU] – includes Majorca  
Bangladesh (formerly East Pakistan) [AS]  
Barbados [NA]  
Belarus (formerly Byelorussia) [EU]  
Belgium [EU]  
Benin (formerly Dahomey) [AF] – after 8-1-60  
Bermuda [NA]  
Bolivia [SA]  
Bonaire [SA] – became a separate "country" 10-10-10.  
Bosnia-Herzegovina [EU] – receptions before 10-15-91 count as Yugoslavia  
Botswana (formerly Bechuanaland) [AF]  
Brazil [SA]  
British Virgin Islands [NA]  
Bulgaria [EU]  
Canada [NA]  
Canary Islands [AF]  
Central African Republic [AF] – after 8-13-60  
Ceuta (part of Spain, located in Morocco) [AF]  
Chad [AF] – One AM, operates sporadically  
Chile [SA]  
China [AS]  
Christmas Island (located in Indian Ocean) [OC]  
Colombia [SA]  
Cook Islands [OC] – The North Cook Islands are far enough from South Cooks to qualify as a separate country, but there are no known stations there  
Corsica [EU]  
Costa Rica [NA]  
Crete (part of Greece) [EU]  
Croatia [EU] – after 6-26-91  
Cuba [NA]  
Curacao [SA] – after 10-10-10. Earlier logs count as Netherlands Antilles  
Cyprus [AS]  
Cyprus, Turkish Federated State [AS] – a portion of northern Cyprus  
Czech Republic [EU] – after 1-1-93, earlier loggings count as Czechoslovakia  
Denmark [EU] – Inactive on MW as of 6-30-11, but still active on LW  
Djibouti (formerly French Somaliland, Afar & Issas) [AF]  
Dodecanese Islands (part of Greece, includes Rhodes) [EU]  
Dominican Republic [NA]  
Ecuador [SA]  
Egypt [AF]  
El Salvador [NA]  
England [EU]  
Eritrea [AF] – became part of Ethiopia 11-14-62, then gained independence 9-15-93  
Estonia [EU]  
Ethiopia [AF]  
Faroe Islands [EU]  
Fiji [OC]  
France [EU] – MW will cease at end of 2015, LW at end of 2016  
French Polynesia (aka Society Islands, includes Tahiti) [OC]  
Gabon [AF] – after 8-17-60  
Georgia [AS]  
Germany [EU] – Formerly German Federal Republic (West Germany). GDR and West Berlin were added in 1990. MW may cease soon.  
Gibraltar [EU]  
Greece [EU]  
Greenland (aka Kalaallit Nunaata) [NA] – MW reactivated Fall 2014  
Guadeloupe [NA]  
Guam [OC]  
Guantanamo Bay Naval Base [NA]  
Guatemala [NA]  
Guernsey (British Crown Dependency) [EU]  
Guinea [AF]  
Guyana (formerly British Guiana) [SA]  
Haiti [NA]  
Hawaii [OC]  
Honduras [NA]  
Hong Kong [AS] – Special Administrative Region of China with a high degree of autonomy  
Hungary [EU]  
Iceland [EU] – No medium wave operations at present but has two longwave transmitters  
India [AS]  
Indonesia [AS]  
Iran [AS]

Iraq [AS]  
 Ireland [EU]  
 Isle of Man (self-governing British Crown Dependency) [EU]  
 Israel [AS]  
 Italy [EU]  
 Japan [AS]  
 Jersey (British Crown Dependency) [EU]  
 Jordan [AS]  
 Kaliningrad (noncontiguous part of Russia) [EU]  
 Kazakhstan [AS]  
 Kenya [AF]  
 Kiribati (formerly Gilbert Islands) [OC]  
 Korea, North (Democratic People's Republic of Korea, DPRK) [AS] – loggings from before the Korean War in the early 1950s count as South Korea.  
 Korea, South (Republic of Korea) [AS]  
 Kosovo [EU] – Former Serbian province, under UN-supervised administration 1999-2008. Independent country since 17 Feb 2008  
 Kuwait [AS]  
 Kyrgyzstan (formerly Kirghiz SSR, Kirgizia) [AS]  
 Lakshadweep (aka Laccadive Islands) (part of India) [AS]  
 Laos [AS]  
 Latvia [EU]  
 Lebanon [AS]  
 Lesotho (formerly Basutoland) [AF]  
 Libya [AF]  
 Lithuania [EU]  
 Luxembourg [EU] – MW will cease at end of 2015.  
 Macedonia [EU] – after 9-8-91, earlier loggings count as Yugoslavia  
 Madagascar (aka Malagasy Republic) [AF] – may be inactive on MW  
 Madeira [AF]  
 Malawi (formerly Nyassaland) [AF]  
 Malaysia, East [AS] – after 9-16-63, consists of Sabah & Sarawak  
 Malaysia, West [AS] – after 9-16-63, consists of peninsular Malaysia  
 Maldives [AS]  
 Malta [EU]  
 Marshall Islands [OC]  
 Mauritania [AF] – after 6-20-60  
 Mauritius [AF]  
 Mayotte (aka Mahore) [AF]  
 Melilla (part of Spain, located in Morocco) [AF] – See Morocco listing in WRTH  
 México [NA]  
 Micronesia, Federated States of (formerly Eastern Caroline Islands) [OC]  
 Moldova (formerly Moldavia) [EU]  
 Mongolia [AS]  
 Morocco [AF]  
 Mozambique [AF]  
 Myanmar (formerly Burma) [AS]  
 Nepal [AS]  
 Netherlands [EU]  
 New Caledonia [OC]  
 New Zealand [OC]  
 Nicaragua [NA]  
 Niger [AF] – after 8-3-60  
 Nigeria [AF]  
 Norfolk Island [OC]  
 Northern Ireland (part of UK) [EU]  
 Northern Mariana Islands [OC]  
 Norway [EU] – Still active on LW, but no more MW  
 Oman [AS] – includes Masirah Island and Musandam Peninsula  
 Pakistan (formerly West Pakistan) [AS]  
 Palau (aka Belau, formerly Western Caroline Islands) [OC]  
 Panamá [NA]  
 Papua New Guinea [OC]  
 Paraguay [SA]  
 Péru [SA]  
 Philippines [AS]  
 Poland [EU]  
 Portugal [EU]  
 Pridnestrovie (aka Transnistria, Trans-Dniester) [EU] – A self-governing independent region of Moldova. Considers itself an independent country though not recognized as such by the Moldovan government or most international organizations  
 Puerto Rico [NA]  
 Qatar [AS]  
 Réunion [AF]  
 Rodrigues Island [AF] – Part of Mauritius, separated by 500+ km of ocean  
 Romania [EU]  
 Russia, Asiatic [AS]  
 Russia, European [EU] – the Ural Mountains are the dividing line between Asia and Europe  
 Samoa (Formerly Western Samoa) [OC]  
 San Andres & Providencia (part of Colombia) [NA]  
 Sao Tome & Principe [AF]  
 Sardinia (part of Italy) [EU]  
 Saudi Arabia [AS]  
 Scotland [EU]  
 Serbia [EU] – Montenegro declared independence from Serbia/Yugoslavia 6-3-06. Earlier loggings of Serb stations count as Yugoslavia  
 Seychelles [AF]  
 Slovakia (aka Slovak Republic) [EU] – after 1-1-93, earlier loggings count as Czechoslovakia  
 Slovenia [EU] – after 6-26-91, earlier loggings count as Yugoslavia  
 Solomon Islands [OC]  
 South Africa [AF] – includes the homeland republics

South Sudan [AF] – split off from Sudan and became independent as of 7-9-11  
 Spain [EU]  
 Sri Lanka (formerly Ceylon) [AS]  
 Sudan [AF]  
 Svalbard (Spitzbergen) [EU]  
 Syria [AS]  
 Taiwan (Republic of China) [AS] – includes Quemoy & Matsu  
 Tajikistan [AS]  
 Tanzania (formerly Tanganyika) [AF]  
 Thailand [AS]  
 Tonga [OC]  
 Trinidad & Tobago [SA]  
 Tunisia [AF]  
 Turkey [AS]  
 Turkmenistan (formerly Turkmen SSR) [AS]  
 Turks & Caicos Islands [NA]  
 Tuvalu (formerly Ellice Islands) [OC] – after 1-1-76  
 Uganda [AF]  
 Ukraine [EU] – The Crimean Peninsula is still considered part of Ukraine  
 United Arab Emirates [AS] – includes Abu Dhabi, Dubai, Sharjah, et al  
 United States of America [NA]  
 Uruguay [SA]  
 Vanuatu (formerly New Hebrides) [OC]  
 Vatican City [EU] – Vatican Radio's transmitter site is an extraterritorial part of The Vatican  
 Venezuela [SA]  
 Vietnam [AS] – includes pre-unification receptions of North Vietnam  
 Virgin Islands (US) [NA]  
 Wales [EU]  
 Yemen [AS] – after 6-22-90, formed when Yemen Arab Republic merged with People's Democratic Republic of Yemen

### INACTIVE COUNTRIES

The following countries currently do not have medium wave stations, based on information in the World Radio-TV Handbook (WRTH), Euro-African Medium Wave Guide (EMWG), and/or Pacific Asian Log (PAL). Some have had MW stations which are no longer on the air. A few have never, to the best of my knowledge, had a MW station but are listed because they have sufficient permanent or transient population to justify a MW station. The list does not include places with little or no permanent population that have never had a broadcast station.

Abkhazia [AS] – break away region of Georgia, has diplomatic relations with several countries  
 Aland Islands [EU] – An autonomous region of Finland. A MW station has been planned for many years but is not currently on the air  
 Andorra [EU] – Two high powered MW stations operated here until early 1980s  
 Antarctica (and nearby island groups) [OC] – SW/FM only, has had MW in the past  
 Aruba [SA] – Now FM only. Receptions before 1-1-86 count as Netherlands Antilles  
 Ascension Island [AF] – now FM/SW only  
 Austria [EU] MW operations ended 2009  
 Belize (formerly Br Honduras) [NA] – FM only  
 Bhutan [AS] – SW/FM only  
 British Indian Ocean Territory (aka Chagos Islands, includes Diego Garcia) [AS]  
 Brunei Darussalam [AS] – now FM only, MW went inactive in 2011  
 Burkina Faso (formerly Upper Volta) [AF] – after 8-5-60 – FM only  
 Burundi [AF] – FM/SW only  
 Cambodia (formerly Kampuchea) [AS] – currently inactive, but there are plans to reactivate MW  
 Cameroon [AF] – FM only  
 Cape Verde [AF] – FM only  
 Cayman Islands [NA] – FM only  
 Chatham Islands [OC] – FM only  
 Christmas Island (Part of Kiribati) [OC]  
 Cocos-Keeling Islands [OC] – FM only  
 Comoros [AF] – FM only  
 Congo, Democratic Republic of the (formerly Zaire, Belgian Congo) [AF] – FM/SW only  
 Congo, Republic of [AF] – after 8-15-60, now only FM/SW  
 Cyprus, British Sovereign Bases on [EU] – now FM only, includes Akrotiri & Dhekelia  
 Dominica [NA] – Currently FM only  
 Easter Island (aka Isla de Pascua, Rapa Nui) [OC] – MW operation ended 2006, FM only  
 Equatorial Guinea (Rio Muni, mainland portion) [AF] – SW/FM only  
 Equatorial Guinea (Bioko, offshore island) [AF] – FM only  
 Falkland Islands (aka Islas Malvinas) [SA] – MW ceased circa 2013  
 Fernando de Noronha [SA] – Island group in Atlantic, part of Brazil, FM only  
 Finland [EU]  
 French Guiana [SA] – no known MW operations at the moment  
 Galapagos Islands (part of Ecuador) [SA] – MW/SW ceased some time ago, now FM only  
 Gambia, The [AF] – FM only  
 Ghana (formerly Gold Coast) [AF] – FM only  
 Grenada [NA]  
 Guinea-Bissau (ex-Portuguese Guinea) [AF]  
 International Waters [OC] – Stations have operated aboard ships near Western Europe (many), Israel (Voice of Peace, 1973-1993), New Zealand (Radio Hauraki, late 1960's) and the Northeastern US (Radio Newyork International, late 1980's). Currently there are no known regular operations from International Waters.  
 However, the US government has the ability to broadcast from aircraft over international waters.  
 Ivory Coast (Côte d'Ivoire) [AF] – after 8-7-60 – FM only  
 Jamaica [NA] – FM only  
 Johnston Island [OC] – inactive after 1977  
 Lampedusa [EU] – Italian island near Tunisia. No known MW, possibly some FM  
 Liberia [AF] – SW/FM only  
 Lord Howe Island [OC] – now FM only  
 Liechtenstein [EU] – FM only  
 Macao [AS] – now FM only, MW went silent circa 2014  
 Mali [AF] – after 6-20-60 – FM/SW only  
 Martinique [NA] – Very likely inactive, but MW station still listed on 1310  
 Midway Island [OC] – FM only, MW has been inactive for many years  
 Monaco [EU] – MW transmitters are actually in France

Montenegro [EU] – after 6-3-06. Earlier loggings count as Yugoslavia. FM only.  
 Montserrat [NA] – FM Only. All MW transmitters were destroyed by volcanic activity in the 1990s.  
 Namibia (formerly SW Africa) [AF] – FM only  
 Nauru [OC] – FM only  
 Niue [OC] – FM only  
 Ogasawara (aka Bonin & Volcano Is, includes Iwo Jima) [AS] – no known MW outlets but had them in the distant past  
 Palestine [AS] – after 2/1/99. Includes West Bank and Gaza. Earlier logs count as Israel. FM only.  
 Phoenix Islands (part of Kiribati) [OC] – WXLE operated on Canton Island in 1970s  
 Pitcairn Island – has FM transmitters, believe it or not  
 Rwanda [AF] – SW/FM only  
 Saba and Saint Eustasius [NA] – separate country after 10-10-10, FM only  
 Saint Barthelémy [NA] – French island near Guadeloupe, FM only  
 Saint Martin (French, next to Sint Maarten) [NA] – FM only  
 Saharan Arab Republic (aka Western Sahara) (formerly Spanish Sahara, Rio de Oro) [AF] – all known MW transmitters are located in Algeria  
 Sierra Leone [AF] – FM only  
 St. Helena [AF] – AM was shut down 12/2012, now FM only  
 St. Kitts & Nevis [NA] – FM only  
 St. Lucia [NA] – no more MW stations  
 Sint Maarten [NA] – after 10-10-10  
 St. Pierre & Miquelon [NA] – now FM only, MW was eliminated several years ago  
 St. Vincent & the Grenadines [NA] – MW station currently inactive but may return some day  
 Samoa, American [OC] – all MW Stations are silent  
 San Marino [EU] – FM only  
 Senegal [AF] – after 6-20-60, now FM only  
 Singapore [AS] – eliminated all MW services in mid-1990's  
 Somalia [AF] – SW/FM only  
 South Ossetia [AS] – breakaway region of Georgia, has diplomatic relations with several countries. No known MW outlets.  
 Suriname (formerly Dutch Guiana) [SA] – all MW stations believed to be inactive  
 Swaziland [AF] – Currently FM/SW only  
 Sweden [EU] – FM only  
 Switzerland [EU] – FM only  
 Timor Leste (aka East Timor) [AS] – Originally called Portuguese Timor, annexed by Indonesia 12-31-61. Became independent 3-1-00. Both MW stations are inactive.  
 Togo [AF] – FM only  
 Tokelau [OC] – FM only  
 Tristan da Cunha [AF] – FM only  
 United Nations HQ [NA] – universally recognized as "neutral" territory, but has no MW activity  
 Uzbekistan (formerly Uzbek SSR) [AS] – no known active MW outlets  
 Wake Island [OC] – AFRTS station closed down several years ago  
 Wallis & Futuna [OC] – FM only, MW operation ended circa 2000  
 Zambia (formerly Northern Rhodesia) [AF] – FM/SW only  
 Zimbabwe (formerly Rhodesia) [AF] – FM/SW only

#### DELETED COUNTRIES

The following countries no longer exist, but had or may have had medium wave stations. Some are places that merged with a neighboring country. Others were split into two or more separate countries. The listed dates are when the country ceased to be a separate DX country. Some countries existed between two dates.

Biafra [AF] – 5-30-67 to 1-15-70, otherwise part of Nigeria  
 British North Borneo [OC] – 9-15-63 (now part of Malaysia)  
 Canal Zone [NA] – 9-30-79 (now part of Panama)  
 Czechoslovakia [EU] – 12-31-92 (now Czech & Slovak Republics)  
 Danzig [EU] – 9-1-39  
 French Equatorial Africa [AF] – 8-16-60 (now Chad, Central African Republic, Gabon, Congo)  
 French Indo-China [AS] – 12-20-50 (now Laos, Vietnam, Cambodia)  
 French West Africa [AF] – 8-6-60 (now Niger, Ivory Coast, Burkina Faso, Benin, Mauritania, Mali, Senegal, Guinea)  
 German Democratic Republic [EU] – 10-3-90 (now part of Germany)  
 Goa (Portuguese India) [AS] – 12-19-61 (now part of India)  
 Guangdong Peninsula [AS] – 8-14-45 (now part of China)  
 Jammu and Kashmir [AS] – 2-24-75 (Northernmost state of India, subject to a border dispute with Pakistan)  
 Karelo-Finnish SSR [EU] – 7-15-56 (now part of Russia)  
 Leeward Islands [NA] – 2-27-67 (now various island nations)  
 Malaya [AS] – 9-15-63 (now part of Malaysia)  
 Manchuria (Manchuguo) [AS] – 9-16-63 (now part of China)  
 Newfoundland & Labrador [NA] – 3-31-49 (now part of Canada)  
 Netherlands Antilles [SA] – Bonaire and Curacao split into separate "countries" 10-10-10  
 Okinawa (Ryukyu Islands) [AS] – 5-14-72 (now part of Japan)  
 Peoples Dem Rep of Yemen (Aden) [AS] – 5-21-90 (now part of Yemen)  
 Ruanda-Urundi [AF] – 7-60 to 6-30-62  
 Saar [EU] – 1-3-48 to 12-31-56 (now part of Germany)  
 Sarawak [OC] – 9-15-63 (now part of East Malaysia)  
 Sikkim [AS] – became part of India 5-16-75  
 South Vietnam (Republic of Vietnam) [AS] – 7-1-76 (now part of Vietnam)  
 Swan Island [NA] – 8-31-72 (now part of Honduras, home of Radio Americas in mid-1960s)  
 Tangier [AF] – 6-30-60 (now part of Morocco)  
 Tibet [AS] – 5-30-74 (now part of China)  
 Trieste [EU] – 2-10-47 to 5-19-54 (now part of Slovenia and Italy)  
 Walvis Bay [AF] – 9-1-94 (former part of South Africa, now part of Namibia)  
 West Berlin [EU] – 10-3-90 (now part of Germany)  
 Windward Islands [NA] – 6-1-67 (now various island nations)  
 Yemen Arab Republic [AS] – 5-21-90 (now part of Yemen)  
 Yugoslavia [EU] – Former Yugoslav republics became independent 1991-2006 (see active country listings for dates).  
 Zanzibar [AF] – 6-30-64 (now part of Tanzania)

#### IRCA Mexican Log, 19th Edition (Winter 2014)

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), \$11.00 (Canada) \$12.50 (México), \$14.00 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

### 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.

**Also from the IRCA Goodie Factory. "IRCA REPRINTS ON CD"!!!** 648 Reprints. The entire set, now on one CD. Categories include: Antennas, Domestic, Foreign, History, DX Lists, Receivers and Receiver Modifications, and Technical. Check out the table of contents at: <http://ircaonline.org/2004ReprintList.htm>.

Prices: **IRCA/NRC members** – \$10.00 (US), \$11.00 (Canada) \$11.50 (México), \$12.50 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

### IRCA TIS/HAR LIST (Summer 2014)

The **IRCA TIS/HAR LIST** lists all US and Canadian TIS/HAR stations, by frequency, including call letters, state (province,) city, county, licensee, address, coordinates, expiration date and dates of DXM/DXN reports/sources. It has been updated with FCC data, DXM, DXN and DXer reports, and on-line listings through August 1 2014.

Prices: **IRCA/NRC members** – \$9.50 (US), \$11.00 (Canada) \$12.50 (México), \$14.00 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

### IRCA Slogans List (Winter 2015)

This completely revised Slogans List includes radio slogans from the US and Canada (over 4400).

Prices: **IRCA/NRC members** – \$7.25 (US), \$8.50 (Canada) \$10.00 (México), \$10.75 (rest of the world). **Non-IRCA members** – add \$1.00.

### A DXers Technical Guide, 4<sup>th</sup> Edition (Spring 2004)

In its nearly 200 pages you will learn about the principles underlying the design of successful receivers, antennas and receiving accessories, find reviews of the best commercially available DXing equipment in different price ranges, as well as detailed instructions for building one's own antennas and other DXing aids. Although it focuses on the technical backdrop to medium wave DXing, it will also be of interest to serious shortwave listeners and low band radio amateurs.

Prices: **IRCA/NRC members** – \$15.00 (US), \$16.50 (Canada) \$18.00 (México), \$20.00 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

### IRCA Foreign Log

The IRCA has published nine volumes of the **IRCA Foreign Log** which are still available. Each volume contains the several hundred actual tips that were reported to the DXWW sections during an entire year, compiled and retyped in a book format. In addition, special features include articles on foreign DXing (volumes 6, 7 and 8), utility lists (volumes 7 and 8), shortwave parallels (volume 8) and BCB propagation (volumes 6, 7 and 8). The **IRCA Bookstore** still has volumes 3, 4, 6, 7 and 8 of the **IRCA Foreign Log** available for \$2.50 each (overseas add \$3.00/book).

### Sunrise/Sunset Maps

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

Prices: **IRCA/NRC members** – \$2.25 (US), \$3.00 (Canada) \$3.50 (México), \$4.50 (rest of the world). **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.

### "DX Monitor" on DVD

IRCA's regular bulletin "**DX Monitor**" Volumes 1 through 49 in .pdf format on 2 DVDs. Re-live the days gone by and re-introduce yourself to the former members who helped make the IRCA great!! NOTE: You will NEED a DVD reader to open the .pdf files. These files were TOO LARGE to use regular CD's.

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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.) **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.

### CLUB OFFICERS AND CONTACT INFORMATION

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Sample copies of DX Monitor are available at [phil\\_tekno@yahoo.com](mailto:phil_tekno@yahoo.com)

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](mailto:lynnhollerman@yahoo.com).

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