



DX MONITOR

The official publication of the
International Radio Club of America

January 9 2016 – Volume 53 Number 18 – Edition 1690 – ISSN 899-9733

In This Issue:

DX Test...	1
Broadcasting Information...	1
Canadian Radio News...	2
Western DX Roundup...	2
Central DX Roundup...	2
Eastern DX Roundup...	3
DX WorldWide – East...	4
NF DXpedition...	5
Geomagnetic Indices...	11
SportChannels IRCA...	11

We have a DX Test to announce!!! IRCA welcomes **David Yocis** in Washington DC (rejoin). No **DXWW-West** this time, but we have the first installment of the basketball SportChannels and Chuck Hutton's NF DXpedition report! Next DXM deadline **Monday @ 6 PM**.

2016 IRCA-NRC-WTFDA-DecalcoMania CONVENTION NEWS

The IRCA will join the members of the NRC, WTFDA, and DecalcoMania on September 9-11 2016 in Kansas City MO and other DXers in AM, FM or TV. It will be held at the Hyatt Place Kansas City Airport, 7600 NW 97TH Terrace.

Information on registration will be made available starting in January. Rates are \$99.00 per night for 1 to 3 persons per room plus taxes and fees. Plan to arrive on Thursday for 3 nights and ends on Sunday noon. Free airport transfers and breakfast each morning. Registration: \$55 per person which includes a free Friday evening pizza party and Saturday evening banquet. Checks made payable to NATIONAL RADIO CLUB and sent to ERNEST J WESOLOWSKI, 13312 Westwood Lane, Omaha NE 68144-3543. Please mention which clubs you belong to for club treasury info. **Dale Hamm W5LN** and **Ernie** are your host. 73's neerniew@yahoo.com



DX TESTS – BROADCAST COORDINATOR – Brandon Jordan – PO Box 338 – Rossville TN 38066
E-mail: bdjorda@gmail.com all times ELT

Sunday 1/10/16 0000-0300 600 WBOB Jacksonville FL (Stephens)

600 WBOB Jacksonville, FL DX Test

Time/Date: Midnight-3 AM, January 10 2016 (EST)

Mode of Operation: Daytime antenna pattern, with power possibly up to 35 kw. Equipment performance during the test will dictate the maximum transmitter power to be used. The test will include Morse code, sweep tones, big band and orchestral music and selected program audio.

QSL Information: Reception reports are only accepted via e-mail, and can be submitted to **jerry [at] jerrysmith [dot] net**. Correct reports will be answered with an e-QSL by Station Engineer Jerry Smith.

Credits: Many thanks to JD Stephens of Hampton Cove AL for arranging the test and WBOB Engineer Jerry Smith for making this test possible!
73, Brandon Jordan, IRCA/NRC DX Test Committee

Email from **Jerry Smith**: "That is correct. Sat night 12m or Sunday morn 1201am est. have received several emails from radio coffee club late nighter folks who have never logged the former WPDQ rocker from the 1960s when it was 5kw non directional and a flashlight beam into the Atlantic Ocean.

This is an interesting antenna array with 60 degree tall towers and now top loaded to about 82-87 degrees varying between the 5 towers used for nighttime. Daytime is 2 towers spaced 180 degrees apart on an eastern array.

My cell is **904 237 3020** if anyone wants to call before during or after. We will be doing this again a few times as we add new equipment and correct some insulator arcing on the top loading of several power towers.

.... Jerry"



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: January 02 2016, **Column data span:** December 19 2015-January 02 2016, Data courtesy of **Stationintel.com**, FCC database and member contributions

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
1440	KDIZ	Golden Valley, MN	KYCR
1490	KTOB	Petaluma, CA	KZNB
1570	KYCR	Golden Valley, MN	KDIZ

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ CALL CITY OF LICENSE

640	WMFN	Zeeland, MI
700	KHSE	Wylie, TX
810	WMJH	Rockford, MI
850	WKVL	Knoxville, TN
890	KVMG	Gladstone, MO
950	KRWZ	Parker, CO
980	WEGO	Winston-Salem, NC
990	KFCD	Farmersville, TX
1050	WBNM	Alexander City, AL
1080	KVNI	Coeur d'Alene, ID
1110	KVTT	Mineral Wells, TX
1120	WKCE	Maryville, TN
1220	KDOW	Palo Alto, CA
1230	KOZA	Odessa, TX
	WGUY	Veazie, ME
	WFER	Iron River, MI
	WXCO	Wausau, WI
1260	WSDZ	Belleville, IL
1270	KVMI	Tulare, CA
1290	KUOA	Siloam Springs, AR
1320	WENN	Birmingham, AL

NEW INFORMATION

was Spanish, now Spanish talk, old slogan: "La Poderosa 640 AM", new: "Radio Activa"

was ethnic, now Spanish religion, adds slogan: "Bringing The Community Together"

adds slogan: "La Poderosa"

was silent, now classic country, adds slogan: "Genuine Country"

was silent, now Eternal Word Network religious teaching, adds slogan: "Catholic Radio"

was oldies, now new unknown format

was talk, now classic hits, old slogan: "The Eagle 980 AM", new: "The Big 980"

was Spanish, now Spanish religion, adds slogan: "Bringing The Community Together"

was southern gospel, now new unknown format

was sports, now adult contemporary, old slogan: "ESPN North Idaho 1080", new: "92.5 Kootenai FM"

old slogan: "FunAsia 1110 AM", new: "Bringing The Community Together"

was silent, now oldies, adds slogan: "Mid Century Radio WKCE AM 1120"

deletes unknown secondary format

was silent, now Spanish hits, adds slogan: "Radio Extrema 1230"

was oldies, now adult contemporary, old slogan: "Maine's Bes Oldies", new: "93.7 The Wave"

was talk, now classic hits, old slogan: "Freedom Talk Radio", new: "Classic Hits WFER"

was sports, now oldies, old slogan: "ESPN Radio 1230", new: "Cool Oldies"

was silent, now talk, adds slogan: "1260 The Answer"

was religious teaching, now adult contemporary, old slogan: "AM 1270 Radio", new: "My 97.5"

was regional Mexican, now ESPN Radio network, adds slogan: "ESPN Radio 99.5"

was unknown format, now hot adult contemporary, adds slogan: "All The Hits 100.1"

1340	KFMD	Bethel Heights, AR	was Christian CHR/rock, now new unknown format
	KKAM	Lubbock, TX	was Yahoo! Sports Radio, now CBS Sports
1400	WWNZ	Veazie, ME	was talk, now adult contemporary, old slogan: "News Talk 1400", new: "93.7 The Wave"
1430	KEZW	Aurora, CO	was adult standard, now oldies, old slogan: "Studio 1430", new: "Cruisin' 1430"
1450	WLAY	Muscle Shoals, AL	was silent, now variety, adds slogan: "The Sound"
	WMOH	Hamilton, OH	was Yahoo! Sports Radio, now CBS Sports
1490	WAZL	Hazleton, PA	was classic hits, now Eternal Word Network, old slogan: "Gem 104", new: "JMJ 750 AM"
1500	KDFN	Doniphan, MO	was unknown format, now variety
1560	WRSJ	Bayamon, PR	old slogan: "Radio San Juan", new: "Metro Radio 1560"
1580	WGYM	Hammonton, NJ	was Spanish, now Eternal Word Network religious teaching
1590	WVNA	Tuscumbia, AL	was silent, now news/talk, adds slogan: "Newstalk 1590"
	WSRW	Hillsboro, OH	was unknown format, now classic hits, adds slogan: "Hillsboro's Own"
1600	KDMT	Arvada, CO	was Radio Disney, now business news, old slogan: "Radio Disney", new: "Money Talk 1690"

Hope everyone had a great Xmas and wish everyone a Happy New Year and a great 2016! Hope your DX in the New Year is wonderful! 73's. **Bob Wien**



CANADIAN RADIO NEWS – Dan Sys
E-mail: sysdan@gmail.com

For **December 2015** (January 1 2016 – next update February 1 2016)

Note: The Industry Canada database was partially updated in early December after being out of commission since August. Industry Canada is in the process of modernizing its spectrum management website. An estimated date for completion of this project has **not** been provided. As a result, data on call letters and low power stations will not be available at this time.

FORMAT CHANGE

980 **QC** Montreal **CHRF** From LGBT programming (Radio Fierte) to Soft AC-Standards (days); Haitian (nights) (AM 980).

CALL FOR APPLICATIONS

AB Edmonton The CRTC has issued a "call for applications" for Edmonton after conducting a study as to whether the market could sustain an additional station after receiving 4 applications for proposed Ethnic stations in Edmonton earlier this year.



WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Jan 8, Jan 15, Jan 22, Jan 29, Feb 5, Feb 12, Feb 19, March 4 and March 18. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- (RB) **Rick Barton**-Box 1804-El Mirage AZ 85335 desertmoon_dxshack@inbox.com
Panasonic RF-2200, Grundig Satellit 750
- (BB) **Bill Block**-Prescott Valley AZ billblock@cableone.net
ICOM IC-75
- (JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 John_Johnson@prodigy.net
Icom IC-R75, 75' N-S longwire
- (NJ) **Nancy Johnson**-2922 S Olivewood-Mesa AZ 85212 nancyjohnson@prodigy.net
Drake R8B, 75' N-S longwire

- *****
- 600 **KCOL** **CO**, Wellington 12/30 0955 with talk show host, "Trump" to local spots and "Wellington, Fort Collins." Fair and holding steady post sunrise on Panasonic RF-2200. (RB-AZ)
- 620 **KJOL** **CO**, Grand Junction heard 12/31 at 0836 with "KJOL." (BB-AZ)
- 680 **KNBR** **CA**, San Francisco 12/30 1040 "Credit Karma" and string of other spots "on KNBR 6-80." Good post-sunrise on Panasonic RF-2200. (RB-AZ)
- 730 **KDAZ** **NM**, Albuquerque heard 12/31 at 0900 with "AM 730 KDAZ Albuquerque." (BB-AZ)
- 740 **KRMG** **OK**, Tulsa heard 12/30 at 0838 with weather report and at 0839 "KRMG Morning News." (BB-AZ)
- 770 **KKOB** **NM**, Albuquerque 12/30 1042 "Across from the Cottonwood Mall in Albuquerque" and "On 7-70 KKOB." Heard on Panasonic RF-2200 with VERY good signal for post sunrise reception. (RB-AZ)
- 840 **KMPH** **CA**, Modesto 12/25 alone on 840 at 1900 in the middle of a Christmas song, gave "KMPH Modesto" legal ID. New logging for me. (JCJ-AZ)
- 950 **KRWZ** **CO**, Parker 12/27 noted with new format. 2000 with a temporary 40s/50s music format and new slogan "Cruisin' 1430" instead of 60s oldies format and "Cruisin' 950" slogan. KRWZ has been sold and will have a sports format when new owners take over. The formats of 950 and 1430 are being combined giving KEZW a new format and slogan. (JCJ-AZ)
+12/29 0833 heard "All New Cruisin' 1430," KRWZ will change to all sports and Cruisin' 1430 will move to KEZW-1430 and Studio 1430 will be gone. (BB-AZ)
- 1010 **KTNZ** **TX**, Amarillo heard 12/29 at 1958 with "10-10 ESPN" and at 2000 "KTNZ and KICA, ESPN for Eastern New Mexico and the Panhandle Amarillo." (BB-AZ)
- 1030 **KBUF** **KS**, Holcomb 12/31 1805 holiday wishes, 1806 into "KBUF Weather." Fair over KTWO, then faded out. (NJ-AZ)
- 1140 **KGEM** **ID**, Boise 12/28 1840 two men in dialogue on Catholic church issues. (RB-AZ)
- 1240 **KJAA** **AZ**, Globe heard 1/1 at 0903 with "KJAA Globe, Jukebox 1240." (BB-AZ)
- 1400 **KAZZ** **UT**, Parowan heard 12/29 at 1830 with ads for Saint George, then at 1833 "KAZZ." (BB-AZ)
- 1430 **KEZW** **CO**, Aurora heard 12/29 at 1905 with "All New Cruisin' 1430." (BB-AZ)
- KLO** **UT**, Ogden 12/28 2255 live p-b-p "Weber State Wildcats." (RB-AZ)
- 1470 **KVSL** **AZ**, Show Low 12/30 0045 modern pop/rock, male on hour "1470 AM and 104.7 FM... New Direction Media." On Panasonic RF-2200, sounding like a local station. Alone on channel until some co-channel interference mixed in at 0105. At .087 kW nights at 100 miles. (RB-AZ)
- 1550 **KMRI** **UT**, West Valley City heard 12/20 at 1959 with "1550 AM KMRI West Valley City." (BB-AZ)
- 1590 **KLIV** **CA**, San Jose 12/30 1032 "You're listening to 15-90 KLIV," spot for O'Reilly Auto Parts. Fair-good well after local sunrise on Grundig Satellit portable. (RB-AZ)

Thank you to our reporters this week. The next WDXR deadline is Friday January 8. – Nancy 1/1 2100



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

RIDING GAIN

- [EB-MO] **Eric Bueneman**, Hazelwood MO NUIHEric@aol.com
GE Superadio III, Yaesu FRG-7, Grundig S350, Worcester Space Magnet II
- [SP-WI] **Sheryl Paszkiewicz**, Manitowoc WI spaszdxer@comcast.net
Grundig Sat 800 and whip

DOWN THE DIAL

- 700 KSEV **TX**, Tomball. 12/30 fair signal in WLW null. 0807 noted with "Seven hundred KSEV, the voice of Texas" ID into a talk show. [EB-MO]
730 WZVG **NC**, Cramerton. 12/29. 21:00 listening to jumble and heard calls. [SP-WI]
800 WVVAL **MN**, Sauk Rapids. 12/30 good to poor signal over CKLW, KREI. 0744 with Country format, local spot and sports report mentioning various Minnesota towns. [EB-MO]
900 KTIS **MN**, Minneapolis. 12/30 fair to poor signal over KFAL. 0817 noted with "Faith Radio" ID, traffic report, weather forecast into talk on Christian missions abroad. [EB-MO]
1060 WKNG **GA**, Tallapoosa. 12/30 fair signal over WMCL, WRHL, other stations. 0845 noted with promo for upcoming event, "10-60 WKNG" ID into local spots. [EB-MO]
1260 KSML **TX**, Diboll. 12/19 fair to poor signal, mixing with WNDE, KSGF; WSDZ off. 0328 noted with "KSML 12-60 AM Diboll, Tyler, Nacogdoches" legal ID into NBC Sports Radio update. [EB-MO]
WSDZ **IL**, Belleville. 12/24 fair signal over WNDE, KSML; ACI from WKBF 1270. 0154 noted with local spots, "12-60 the Answer" slogan, Michael Medved program, legal ID, SRN News and weather forecast. Station is now the third conservative talk station in the St. Louis area, change from Radio Disney. [EB-MO]
1290 KDMS **AR**, El Dorado. 12/30 fair to poor signal over WIRL. 0850 noted with local spot, "KDMS" jingle into Southern Gospel format. [EB-MO]
1340 KICK **MO**, Springfield. 12/24 fair to poor, mixing with other stations. 0250 with local spots, promo mentioning sister station KADI 99.5 FM. This is ex-KADI for me. [EB-MO]
WJPF **IL**, Herrin. 12/24 fair to poor signal, mixing with KICK and other stations. 0251 noted with spot mentioning Southern Illinois. This completes 1340 from the Land of Lincoln for me. [EB-MO]

50/25 YEARS AGO

50 years ago January 1 1965 issue of IRCA's "DX Monitor" ... **Glen Kippel** ran out of gas on his way to work, walked back home and DXed ... **Sandra Bailey**, our first woman member, reached the 100 heard mark ... Membership reached 257 ... 10 DX Specials were scheduled for January. //25 years ago January 6 1990 "DX Monitor" ... **Randy Stewart** of Springfield MO commented that for the IRCA to thrive it must have active involvement and support of the membership ... **Karl D Forth** of Chicago IL logged his 2500th station after 19 years of DXing.

OPEN MIKE

2016 is here! Happy New Year. This column was typed 1/1/16. 73, John



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

TUNING THE DIALS THIS ISSUE:

- (KK-VA) **Kraig Krist** (KG4LAC), Manassas VA
Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop
(JJR-MI) **John J Rieger**, L'Anse MI
Grundig Satellit 750, stock antenna, Terk AM1000 loop

ACROSS THE DIAL

- 540 WAUK **WI**, Jackson – 12/30 1637 noted with ads for Harley's in Shorewood and a Volvo dealer in Waukesha, mentions of "540 ESPN-dot-com" and "ESPN Wisconsin". A poor signal was noted with no sign of CBK. (JJR-MI)
740 KVOX **ND**, Fargo – 12/30 1717 noted with a weather forecast mentioning "overnight low zero in Fargo". A poor signal was noted under CFZM. (JJR-MI)
760 KCCV **KS**, Overland Park – 12/30 1758 noted with "Bott Radio 760 AM, 101.5 FM" ID. A poor signal was noted with no sign of WJR. (JJR-MI) (The translator mentioned is K268CF Kansas City MO... Doug Smith's list has this as relaying KCCV-FM 92.3 Olathe KS – eb)
800 WCHA **PA**, Chambersburg – 12/24 1628 noted with "The Greatest Hits of All Time, playing on the new FM 96.3; Good Time Oldies" ID by a male announcer. The signal was noted mixing with WJAT and an unidentified vocal music station. (KK-VA) (The FM frequency refers to W242BY Chambersburg – eb)
810 WZYN **GA**, Hahira – 12/24 1658 noted with "The news is sponsored by WZYN 810 AM... 319-9996. That's (239) 319-WZYN, and our Web site is WZYN-dot-org" mention by a female announcer, followed by the first part of the weather forecast by a male announcer, mentioning "WZYN forecast". At 1715, a male announcer mentioned: "It's now time for the WZYN Community Calendar". The signal was noted mixing with WPIN, WWOS, ZNS3, Cuba and an unidentified Christian Teaching station. (KK-VA) (Kraig, your unidentified station with preaching is WSJC Magee MS – eb)
WWOS **SC**, Saint George – 12/24 1700 noted with "For Christ-honoring music and programs for the entire family, this is WWOS-FM 91.9 and WWOS AM 810 Saint George, and WPOG 710 AM Saint Matthews" legal ID, followed by a "God Bless You for listening" mention by a female announcer. This is the first time this station has been heard since the call change from WQIZ. The signal was noted mixing with WPIN, WZYN, ZNS3, Cuba and WSJC. (KK-VA)
820 WWBA **FL**, Largo – 12/24 1800 noted with a review of the top stories of 2015, "Playback 2015" mention. "WWBA Largo/Tampa Bay" legal ID by a male announcer also noted before going into ABC News. The signal was noted mixing with WWFD, WNYC and unidentified stations with Christian talk and Spanish language programming. (KK-VA) (Kraig, your Christian talker is all-Catholic WVSG Columbus OH; your Spanish may be coming from Cuba – eb)
830 WKTR **VA**, Earlysville (spur) – 12/24 normally noted on 840 kHz, but they were putting out a spur on 830 kHz causing a terrible heterodyne to stations on 830 kHz. I contacted the station, explained the problem and asked them to pass it on to their Chief Engineer. The signal was noted mixing with WTRU and unidentified stations with a talk format and Spanish language programming. (KK-VA) (Kraig, your Spanish programming is coming from WFNO Norco LA; the talker could either be WEEU Reading PA or WCCO Minneapolis MN – eb)
840 WHGH **GA**, Thomasville – 12/24 1830 noted with sign-off by a male announcer. The signal was noted mixing with WKTR, WCEO, Cuba and unidentified stations with talk and vocal music. (KK-VA) (Your unidentified talker is WHAS Louisville KY; your unidentified vocal music station could be WPGS Mims FL – eb)
WCEO **SC**, Columbia – 12/24 1649 noted with programming in Spanish; EAS broke in with a storm warning mentioning Columbia, South Carolina. The signal was noted mixing with WKTR, WHGH, WHAS and an unidentified vocal music station. (KK-VA)
850 WXJC **AL**, Birmingham – 12/28 1652 noted with promo: "Turning Point with Doctor... each weekday at 7:30 am and 5:00 pm on WXJC" by a female announcer. The signal was noted mixing with WPTK, WFTL, Radio Reloj (Cuba) and unidentified stations with a football game, and an Oldies format. (KK-VA) (Kraig, your football game most likely came from WRUF Gainesville FL; your Oldies station could be WGVs Muskegon MI – eb)
860 WWDB **PA**, Philadelphia – 12/28 1628 noted with "WWDB 860 AM with the all new... enjoy all year at WWDB 860 AM" mention by a male announcer, into sign-off by a female announcer at 1629. The signal was noted mixing with WNOV, CJBC, Radio Reloj (Cuba) and unidentified stations with Christian talk, secular talk and Fox Sports Radio. (KK-VA) (Kraig, your Christian talker is either WAEC Atlanta GA or WOAY Oak Hill WV; your talk station could be WGUL Dunedin FL. Your Fox Sports Radio could be WLBG Laurens SC – eb)
WNOV **WI**, Milwaukee – 12/28 1756 noted with mention of "good morning... maybe you just want to hear it again. No worries, it's all available... streaming at WNOV 860-dot-com. Live broadcasts... most listened to programs in... are always streaming. Just log into WNOV 860-dot-com and click the 'Listen Live'..." by a male announcer. The signal was noted mixing with WWDB, CJBC, Radio Reloj (Cuba) and unidentified stations with Christian talk, secular talk and Fox Sports Radio. (KK-VA)
890 WBAJ **SC**, Blythewood – 12/28 1658 noted with mention of "...stay right here on WBAJ and WYNN Blythewood/Columbia. We Broadcast about Jesus" by a male announcer. A female announcer was noted with sign-off at 1703. The signal was noted mixing with WKNV, WLS and unidentified stations with talk and vocal music formats in English and Spanish language programming. (KK-VA) (Kraig, WYNN is actually on 540 kHz in Florence SC... are they simulcasting now? Your vocal music station could be WHJA Laurel MS; your talk station may be WHNC Henderson NC. There are so many possibilities for your Spanish... WAMG Dedham MA and WYAM Hartselle AL come to mind – eb)
WKNV **VA**, Fairlawn – 12/28 1631 noted with "This is Joy AM 890, WKNV Fairlawn and 93.1 FM W226AT Christiansburg. Today's Southern Gospel music and ministry station" legal ID by a male announcer. At 1658, a sign-off announcement was noted by a male announcer. The signal was noted mixing with WBAJ, WLS and unidentified stations carrying vocal music, talk and Spanish language programming. (KK-VA)
960 KFLN **MT**, Baker – 12/31 0829 noted with ad for Western Ranch Supplies, "960 KFLN" ID, ad for Dakota Bank and Trust, into local news. A poor signal was noted. (JJR-MI)

- 1070 KATQ **MT**, Plentywood – 12/31 1822 noted with programming from the Northern Agricultural Network, ad mentioning: “Here in Montana, our roots run deep.” A poor signal was noted. (JJR-MI)
- 1150 CJSL **SK**, Estevan – 12/31 0821 noted with “CJ 1150, Southeast Saskatchewan’s Super Station” ID. A fair signal was noted. (JJR-MI)
- 1230 KGHS **MN**, International Falls – 12/29 0932 noted with call letters in what sounded like a newscast. A poor signal was noted in the mess. (JJR-MI)
- KWSN **SD**, Sioux Falls – 12/29 0942 noted with a few “Dakota” mentions in ad cluster, weather forecast tagged with “KWSN” ID. A poor signal was noted. (JJR-MI)
- 1240 KFMO **MO**, Park Hills – 12/29 1746 noted with an ad for Edward Jones financial advisors in Park Hills. A poor signal was noted, but loud and crisp in a fade-up. This station was noted once in South Milwaukee, but a new log in L’Anse. (JJR-MI) (KFMO is a daytime regular at my shack, but I have to null WTAX to hear it. Park Hills was established in 1994, merging the original city of license, Flat River, along with Elvins, Esther and Rivermines into one city – eb)
- 1260 KWYR **SD**, Winner – 12/31 0816 noted with “Country 1260, it’s 7:16” time check. A fair and loud signal was noted; dominating the channel. (JJR-MI)
- 1270 KRXO **OK**, Claremore – 12/29 1010 noted with “107-7 the Franchise” ID (KRXO-FM Oklahoma City). I barely tuned into this one. A poor signal was noted. (JJR-MI) (This is their metro Tulsa signal – eb)
- 1290 KOIL **NE**, Omaha – 12/29 1005 noted with mention of “KETV Newswatch (at) nine”, “Mighty 1290 Koil” ID. A poor signal was noted. (JJR-MI)
- 1300 KOLY **SD**, Mobridge – 12/31 0810 noted with mention of “KOLY Weather after KOLY News”. A poor signal was noted. (JJR-MI)
- 1340 KDLM **MN**, Detroit Lakes – 12/29 0923 noted with ad mentioning Washington Square in Detroit Lakes, followed by local obituaries. A poor signal was noted in the mess. (JJR-MI)
- 1410 KRWB **MN**, Roseau – 12/30 2151 noted with call letters after a musical selection; this one is never heard at night. A poor signal was noted; even with WIZM. (JJR-MI) (Could it be they were on their daytime pattern? – eb)
- KDKT **ND**, Beulah – 12/30 0948 noted with “1410 KDKT” ID by a local host into sports report. A poor signal was noted with no sign of WIZM. (JJR-MI)
- 1440 KYCR **MN**, Golden Valley – **Ex-KDIZ**. 12/31 0802 noted with “AM 980, the Mission” ID (KKMS Richfield, MN), mention of Saint Louis Park and a promo for a sister station. A poor signal was noted. (JJR-MI)
- 1450 KZZJ **ND**, Rugby – 12/31 0800 noted with “KZZJ Rugby” legal ID into news. A poor signal was noted before fading out. (JJR-MI)
- 1470 KWSL **IA**, Sioux City – 12/29 0955 noted with an ad mentioning “at the Sioux Land Family Center” in English into Spanish language programming (Regional Mexican format). A poor signal was noted. (JJR-MI)
- 1490 KOMJ **NE**, Omaha – 12/30 0932 noted with a “Boomer 1490” ID, newscast by Connie Green with a mention of a shooting on Park Avenue. A poor signal was noted in a tight null. (JJR-MI)
- KOVC **ND**, Valley City – 12/31 0754 noted with “Sports next on KOVC/KDDR” mention. (KDDR is 1220 in Oakes, ND.) A poor signal was noted; atop the channel briefly before fading out. (JJR-MI)
- 1580 KAMI **NE**, Cozad – 12/30 0941 noted with three straight Classic Country selections before a “Country Legends KAMI” ID. A poor signal was noted with no sign of CKDO. (JJR-MI)
- 1600 KATZ **MO**, Saint Louis – 12/30 1644 noted with mention of “Total Traffic” and Interstate 55, followed by local mentions, promo for a concert in Illinois and an ad for JC Penney. A poor signal was noted. (JJR-MI) (KATZ’s signal is not as great at night as it is during the daytime at my shack – eb)
- 1640 KZLS **OK**, Enid – 12/30 1726 noted with ad for Big O Tires, mention of three locations including Mustang, SRN News at 1730. A poor signal was noted with no sign of WSJP. (JJR-MI)

UNIDENTIFIED

- 840 12/24 1649 noted with “E15ETSE” in Morse Code. The signal was noted mixing with WHGH, WKTR, WCEO, WHAS, Cuba and an unidentified vocal music station. (KK-VA) (I wonder if you have a nearby Amateur Radio operator or other installation bleeding Morse Code over onto the AM broadcast band – eb)

EDITOR’S NOTES

It’s 2016, and welcome to it. Thanks to Kraig and John for their year-end logs. John noted some “nice Montana, North Dakota and South Dakota stuff I don’t see reported too much.” Conditions must have been great at John’s shack. If you still write for verifications, scratch WZYN 810 off your list. This is from Kraig’s log of the Hahira GA station: “I E-mailed the station’s General Manager, asking if they accept reports and confirm reports of their AM 810 broadcast from distant listeners. I also wrote that the station is 632.8 miles (633 rounded to the nearest one – eb) from my home. Their answer: ‘NO!’ I guess the old ship at Zion doesn’t want passengers.” In other words, don’t send WZYN a reception report. 73 and good DX from NØUIH



DX WORLDWIDE – EAST – Brandon Jordan – PO Box 338 – Rossville TN 38066
E-mail: bdjorda@gmail.com all times UTC

Deadline – Sunday Midnight Central Time.

*** PAN-AMERICAN DX ***

- 610 **MEXICO** XEGS, Guasave, Sin. DEC 29 1314 – the Sinaloa twins with their morning agriculture show, mentioning Guasave meeting: XEGS 610 and // XETNT 650 Los Mochis. [Hauser-OK]
- 660 **MEXICO** XEEY, Aguascalientes, Agua. DEC 24 0519 – Spanish station mentions “Grupo Radiofónico Zer”, then plug for some holiday event in Aguascalientes on 5 de enero, and a long string of federal PSAs including Cámara de Diputadas y Diputados (women finally get first billing in México! But I bet they are still a minority); Secretaría de Salud; CNDH (National Human Rights Commission); Senado about the “catastrophe” of global warming (imagine the denialist Republican-controlled US Senate saying something like that!), still PSAs at 0523 as somestation in English is gaining, KSKY? Anyhow, the Ags station on 660 is 50/10 kW XEEY, and indeed is affiliated with Zer per the new IRCA Mexican Log. [Hauser-OK]
- 660p **MEXICO** XEACB, Ciudad Delicias, Chih. DEC 29 1318 – adstring by live announcer, mentioning Mazatlán and Delicias, for a farmacia ia, from WSW, presumably XEACB (no 660 in Sinaloa); along with another SS further counterclockwise, could be Durango or Aguascalientes. By 1330, “The Answer” KSKY The Metroplex captures 660, exactly its official December and January sunrise time for jump from 700 to 20,000 watts. [Hauser-OK]
- 700 **MEXICO** XEETCH, Etchojoa, Son. DEC 29 1322 – rustic music by fiddle and guitar past 1330, and at 1331 full ID in Spanish for XEETCH and then same in indigenous language, both mentioning sponsoring federal agency CNDPI – Comisión Nacional para el Desarrollo de Pueblos Indígenas; no QRM at first, but 1334 something in English, probably WLW resurging almost at our sunrise; heard more than once, including 1335, interjection between tunes, “¡Qué me toque un baile!” – play me a dance. I love listening to this native music; hard to pull away to keep bandscanning. [Hauser-OK]
- 720p **MEXICO** XEDE, Saltillo, Coah. DEC 27 0121 – romantic music, break and “continuamos con el fonógrafo de 720 AM” atop WGN most of the time. Might have been KSAH TX, but definitely Mexican at 0142, with PSAs from INE – Instituto Nacional Electoral, SCT – Secretaría de Comunicaciones y Transporte, CNDH – Comisión Nacional de Derechos Humanos; another “continuamos” non-ID as above and back to music. Presumed the usual irritant {yea, nemesis} to WGN, making a slow SAH with it, XEDE, Saltillo, Coahuila. [Hauser-OK]
- 760 **MEXICO** XEABC, DF. DEC 25 0207 – on Nissan caradio, Spanish station is dominant with several social media contacts mentioning Universo, and then ABC, so it’s 70/10 kW XEABC in Los Reyes de la Paz, EdoMex, ie effectively the DF while it still exist. [Hauser-OK]
- 790 **CUBA** Radio Reloj, Pinar del Rio. DEC 25 0209 – on caradio as I tune by, without really trying, hear time pip and RR, from Radio Reloj, which per WRTH 2016 is 25 kW from Pinar del Rio, although there’s another at the far other end of the island, 10 kW in Holguín. [Hauser-OK]
- 870 **MEXICO** XETAR, Guachochi, Chih. DEC 29 1328 – Woman with Spanish talk about fiestas, then she switches to Tarahumara, as it’s obviously XETAR. [Hauser-OK]
- 970p **MEXICO** XEJ, Ciudad Juárez, Chih. DEC 29 1339 – ballads in Spanish pulled past local 960 KGWA, 1342 DJ maybe mentions Jota, 1347 fades for next announcement including phone numbers. Probably XEJ, now known as Pancho as listed in 2015 IRCA Log, while WRTH 2016 still has it as La J Mexicana. [Hauser-OK]
- 1030 **MEXICO** XEYC, Radio Fórmula, Ciudad Juárez, Chih. DEC 28 0635 – and at many other times, dominant signal is Spanish talk, which no doubt is XEYC, Radio Fórmula, 1/1 kw, rather than 50/5 kw XEQR, Radio Centro in the DF, almost twice the distance whence signals are remarkably rare. +DEC 29 1346 – Radio Fórmula, Grupo Fórmula ID in news/talk, so XEYC, mostly on network feed out of XERFR DF 970 but occupied here and there by XEJ, qv. [Hauser-OK]
- 1060+ **MEXICO** XERDO, Reynosa, Tam. DEC 26 0604 – choral NA ending, as usual making LAH on the hi side of 1060.0 stations, full ID for XERDO, “La Raza” also mentioning 93.7 FM, ie Reynosa. This is a new station first appearing in the WRTH 2016 edition. [Hauser-OK]

- 1620 **CUBA** Radio Rebelde synchros. DEC 28 0317 – as I tune in, “Parada de Éxitos, Rebelde”, and // 5025, so not relaying the FM network instead this time. WRTH 2016 has three Rebeldes on 1620, two of which are in Ciudad de la Habana province, 5 kW in Guanabacoa, and unknown power in El Sapo, surely one of those rather than the third, 1 kW in far-off Guantánamo. One other Cuban 1620 is Radio Bayamo, Granma. [Hauser-OK]
- 1700 **MÉXICO** XEPE, Tecate, BC. DEC23 1444 – Male Sports talk. Poor/fair well after local sunrise. [Barton-AZ]

CONTRIBUTORS

- [Barton-AZ] **Rick Barton**, North Peoria AZ
Grundig Satellit 750
- [Hauser-OK] **Glenn Hauser**, Enid OK, USA
DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock caradio as specified; ICR-75 with E-W longwire; FRG-7 with NW-SE short wire
- 73, Brandon

SPECIAL FEATURE

The 2015 Newfoundland DXpedition

John Fisher, Jean Burnell, Chuck Hutton, Jim Renfrew

This year’s DXpedition started innocently enough when one of us (Chuck Hutton) proposed in early September, another trip to the Rock. A few rounds of e-mail and within 48 hours, the 4 of us had flights booked for another trip to the Round Cove B&B (officially no longer a B&B) for a week of coastal Perseus listening.



Cabot Tower in St. John’s where Marconi made his broadcast

Chuck arrived first on the Thursday evening, November 6, to a snow storm with Jean Burnell and John Fisher arriving to a relatively calm (but windy) St John’s on Friday afternoon. After picking up supplies and a dinner we made our way to the Cappahayden-Renews location. We were settling ourselves in for another week of exploring new catches and fine home cooked meals, when an innocent comment from our hosts set off alarm bells.

“All That Noise, Noise, Noise (with apologies to the Grinch!)

Around 1130 pm we learned that for about the past week or two, the owners of the B&B had been getting loud noises on their radio that prevented them from even hearing VOCI their local station in St John’s. Well, we knew that there was a powerline pole with a transformer just outside their house, so maybe it was putting out some noise, but we could just move the lead ins from the beverages away from the transformer and we would be fine. Unfortunately, we were told that the noise seemed to go up the highway a long way. Sure enough, when I turned on a portable radio that I had brought, the noise completely obliterated all signals. At this time, Jean and John hopped into the car and drove up and down the coast seeing how far the noise spread and whether it is was concentrated at the power poles with transformers. We found that the noise stretched about 10 km up and down the road; from Renew’s in the north to Cappahayden in the south and it didn’t seem to be just at the transformers; it was everywhere along the line.

Now this was getting serious! Did we just spend all that money to have a week’s vacation in Newfoundland with no radio? What would we do? Since we couldn’t do any listening that night, we spent our time after midnight scanning the internet for other potential sites where we could do our listening.

How to Meet People in Rural Newfoundland

On Saturday morning, our fearless leader and ex-patriate Newfoundlander, Jean Burnell came up with an intriguing thought. In the past, he had strung up longwires down a remote road in the nearby town of Renew’s and had listened from his car. Perhaps, we could convince a local resident on this road to allow us to borrow their property to set up antennas and do some listening from there. It seemed like a crazy idea, but hey, we were getting desperate.

So after checking with our B&B hosts, the Perry’s, to learn who lived on this road (they are all named Chidley – it is a small rural town after all, so families do stay together in the same area), Jean and John took a small portable receiver along, to confirm that the noise was not present in this area and we began our unlikely quest. When we reached the first house, we were met by the lady of the house, fresh from her morning shower. You can only imagine the look on her face as she saw two guys from “off the island”, one dressed in blue overalls better suited to a local hunter (it was, after all, moose hunting season), giving their tale of woe about travelling from all over North America to listen to radio that was now impossible from their location down the road. And oh yeah, would they be willing to let us borrow their garage for the next week to set up some radios? Yeah, I know, in hindsight it seems pretty crazy. I can only imagine my reaction if someone showed up at my door with that request. I suspect that her husband was having similar thoughts as he stood at the bottom of the stairs (close to the gun rack?) as we posed our request. Alas, they were heading out for the week so they could not help, so we made our way to the next house on the road to try our story again.

At the next house, we were also met by the woman of the house, who looked at us askance as we made our pitch. At the end of our story, she said, “no, really what’s your purpose, why are you here”? We tried again, and received the same dubious look and questioning, “what are you really looking for”? Did she think that we were secret agents, or worse local politicians, as there was a provincial election campaign underway? Finally she said that she needed to call her husband and that he would be there shortly. As her husband drove up in his big pickup truck several minute later, I was unsure of what reception that we would get – would he come out with a gun and chase us away or would he want to find out what we were looking for.

Fortunately, for all involved, it was the latter. As we described our situation to Jim Chidley, he said that sure, we could set up our stuff in their unheated garage, but he apologized that the garage was a little dirty. Dirty? That was the least of our concerns. We offered to pay him for letting us use his garage and the field behind his house for the antennas, but he said that it was fine. It turned out that, years ago, he had done CB DXing so he had a vague idea of what we were trying to do. What were the odds of actually finding someone familiar with radio listening in rural Newfoundland? Well, no matter what the odds were, we found him and were eternally grateful.



Jean Burnell setting up receivers in our remote "shack"

After setting up an antenna to the east at 75 degrees (a direction not possible from our regular location) and another to the south at 170 degrees, we began a week long routine of remote recording, transferring files and doing a little listening a day after the recordings were made. The approach was to set up two Perseus receivers in the garage connected to the two antennas and using Mestor, record on the hour and half hour starting around 1900 and finishing up at 1100. We would then drive over to the garage in the morning to pick up the laptops and return to the warmth of the B&B where we copied the files onto our respective individual hard drives. With so many files and eventually 4 of us copying the files, this took most of the day. Another drive back to the garage in the afternoon, a bit of antenna work and then we hooked up the two computers and Perseus receivers and the cycle repeated itself.



Our southern antenna wire strung across the bogs of Newfoundland

Jim Renfrew, our 4th intrepid listener joined on Monday, November 10 and completed our group.

The Fruits of Our Labour

The new antennas provided us with an opportunity to go after some new targets. The east wire was especially interesting. At the B&B, we could only really go north or south over any significant distances, with the Atlantic Ocean being directly to our east, and only about 200 ft away. So having a wire aimed at East Africa opened up some interesting possibilities which bore fruit on the recordings of the first couple of days. On this wire we heard:

- Eritrea 945
- Ethiopia on 918 and 1359
- Kenya 1233
- Israel 1080; 531; 657; 738
- Egypt 1341 (two different stations here)
- South Africa – Magic 828

All of these were new to us from Newfoundland, so it was great to hear them. For Magic 828, Chuck had to do a little extra digging and sent a recording to the station for confirmation. The news of our reception made the local Cape Town newspaper! (not really, just a mock headline!)



We are famous! Well not really; Just a mock headline!

Meanwhile, Jim spent most of his time focusing on the recordings from November 7 when we had a good opening to eastern Brazil. Many more new Brazilians from this part of the country were heard. After a couple of days, we shifted the south wire further west to about 205 degrees to target Central America and western South America. While we haven't reviewed these files from later dates in detail yet, we did manage to find Radio Reforma, Panama on 860, another new one for us.

So lots of new loggings so far, with only another 1.5 TB of recordings to go! This should keep us all busy until we can begin planning for another trip to "The Rock".

And now...

THE LOGS

AFRICA

- 274 **CAPE VERDE ISLAND**, SAL, Sal Island. 11/7 NDB, at 2158. (JR)
- 576 **CANARY ISLANDS**, RNE, Mesa de Galaz, Canarias. 11/12 0625 Regional ID. (JF)
- 585 **TUNISIA**, RTT, Gafsa. 11/7 //630, 684, 963 at 2028. (JR)
- 595 **MOROCCO**, Oujda. 2031 11/7 poor with talk //612. Exactly on 595. (CH)
- 603 **EGYPT**, Baranis. 2100 11/7 usual Egyptian pips of 4 low and 1 high poor, then into Koran. (CH)
- 630 **TUNISIA**, Radio Nationale, Djedeida good (not just fair) 2300 11/7 with Huna Tunis ID and news, //684. (CH)
- 720 **CANARY ISLANDS**, RNE, Santa Cruz TF. 11/7 RNE ID, mixing with Portugal, at 2300. (JR)
- 738 **ALGERIA**, Chaîne 1, In Amenas. 2302 11/7 poor woman //981. (CH)
- 783 **ALGERIA**, Radio El Oued Souf or Radio Illizi. Poor with somewhat distinctive pips 2100 11/7, //981 and 1161. Not listed as Chaîne 1 (1161) or Chaîne 2 (981). (CH)
- 819 **EGYPT**, Batrah. 2329:50 11/7 fair with Big Ben chimes, nowhere near its level in years past. (CH)
- 828 **SOUTH AFRICA**, Magic 828 AM, Cape Town. Poor 2300 11/7 with a Magic 828 AM jingle then Bob Marley's I Don't Want To Wait In Vain. Jingle confirmed by Gary Deacon of Cape Town. Wouldn't have made it if there was any significant interference – on the south wire this was an empty channel. No trace at all of the Azores which dominated in the past. (CH)
- 864 **EGYPT**, Santah. 2300 11/7 poor Koran //1476. (CH)
- 917 **NIGERIA**, Radio Gotel Yola, Yola. 11/8 2058 local music. ID at 2101:50 – Hello this is... coming to you from Radio Gotel Yola. (JF)
- 918 **ETHIOPIA**, Voice of the Tigray Revolution, Mekelle. 0300-0302 11/8: IS clear and not too far under Spain! //1359 which had less strength but no real interference. At last, we hear Ethiopia from Newfoundland! It had been a target forever. (CH)
- 945 **ERITREA**, Voice of the Broad Masses, Asmara. 0258-0300:51 fair clear African music, 0300:51 woman gives frequency list using "meter band" several times. 0301-0303 man with a short burst of speech (news?) then a musical interlude. No real interference as Eritrea was dominant although Smooth Radio was poorly audible at times. Another new country. (CH)
- 963 **TUNISIA**, Radio Tunis Chaîne International, Tunis. 11/8 2059 pop music, time pips well after TOH and into French news. (JF)
- 1071 **EGYPT**, Wadi El Nile, Cairo. 11/7 Wadi el Nile twice, 2101:01. (JR)
- 1089 **ALGERIA**, Adrar, Chaîne 1. 2030 11/7 end of Arabic pop song //981. (CH)
- 1161 **ALGERIA**, In Salah. 2020 11/7 poor with Arabic pop music //1161. EMWG lists 1161 as Chaîne 1 but 981 as Chaîne 2. (CH)
- EGYPT**, Mid Delta Radio, Tanta. 2200:45 11/7 fair with Egyptian national anthem. (CH)
- 1233 **KENYA**. 2028-2031, 2032 and 2100-2102 poor to fair with music featuring drums and singing over a string instrument. Better on later dates. An African music expert and ex-Kenya resident with a Kenyan wife tells me the music is not Kenyan but most likely Ethiopian kral music but could not rule out music of Sudan and Eritrea. A 2013 report mentions Horn Of Africa music. Definitely logged at 0200 11/12 and 11/13 with flute IS. (CH)
- 1296 **SUDAN**, SNBC, Relba. 11/7 Idhat Sudan, at 2230. (JR)
- 1305 **EGYPT**, ERTU, Assiut. 11/7 Big Ben bells under 2100 RNE pips //819. (JR)
- +Poor 2100 11/7 with Big Ben chimes parallel other Egyptians. (CH)
- 1341 **EGYPT**, Cultural Program, Cairo. 2131-2135 11/7 odd Arabic music mixing with Spain – seemingly electric guitar over traditional instruments. According to Tarek Zaiden, this is called Nubian music from the south of Egypt. (CH)
- EGYPT**, Koran program, Bawiti. 2100:21 11/7 with odd 4 low + 1 high pips on top of the channel! 2100:40 poor Koran //1386 and 1476. (CH)
- 1359 **ETHIOPIA**, Voice of the Tigray Revolution, Mekelle. 0300-0302 11/8 IS had less strength than 918 but no real interference. At last, we hear Ethiopia from Newfoundland! It had been a target forever. (CH)
- 1377 **TANZANIA**, Mwanza. 11/7: poor Afropop under France at 2229:45 and again at 2232. Lively stuff. This outlet was listed as off the air in 2013 but the music says they are back. (CH)
- 1386 **EGYPT**, Koran program, Al Uqsur. 2030-2032 11/7 fair or better with Koran //1476. 2100:22 odd 4 low + 1 high pips. (CH)
- 1422 **ALGERIA**, ENRS, Ouled Fayet. 11/7 National Anthem, at 2300. (JR)
- 1431 **DJIBOUTI**, Radio Sawa, Djibouti. Good 2102, 2132 and 2301 11/7 with the usual up tempo Arabic pop music. A normal station, but better than ever with our Horn of Africa antenna. (CH)
- 1476 **EGYPT**, Koran channel, Sohag and El'Minya. Nice signal at better than fair level 11/7 at 2028. 2100 4+1 pips with odd high frequency at end, //1386 which was also doing well. (CH)
- 1530 **SAO TOME**, VOA. 11/12 0259 Yankee Doodle, English news. (JF)
- 1550 **ALGERIA**, Sahara National Radio, Rabuni. Good 2259 11/7 with music and anthem. (CH)
- 1584 **EGYPT**, Koran channel, Baris or Edfu? Happily surprised to find a bit of Koran at 2032 11/7, //to a good 1476. Neither listed outlet is shown as having Koran program. (CH)
- 1593 **EGYPT**, Koran channel, Matruh (10 kw). Happily surprised to find Egypt's odd 4 + 1 pips at the usual time of 2100:21 followed by Koran 11/7, //to a good 1476. (CH)

ASIA

- 531 **ISRAEL**, Reshet Aleph, Tel Aviv. Poor with distinctive 5+1 pips at 1060 Hz 2200 11/7. (CH)
 558 **SAUDI ARABIA**, BSKSA, Jeddah. 11/7 Koranic //567, 576, 765, 936, 1512 at 2258. (JR)
 +Poor with Koran under Spain, //567 and 999 at 2330 11/7. Listed in EMWG as Radio Saudi International rather than the Koran network but clearly parallel the Koran channels. (CH)
 567 **SAUDI ARABIA**, Abha/Afif (5/15 kw). With Koran under Spain 2232 11/7, //999. (CH)
 576 **SAUDI ARABIA**, BSKSA, Gizan. 11/7 Koranic //558, 567, 765, 936, 1512 at 2258. (JR)
 657 **ISRAEL**, Reshet Bet, Tel Aviv. 2300 11/7 fair with Reshet ID and mention of Jerusalem. (CH)
 675 **SAUDI ARABIA**, Radio Riyadh, Afif/Abbha. 2300:500 11/7 poor but //1071. (CH)
 702 **SAUDI ARABIA**, Duba/Bishah (10 kw each). Not quite fair with Arabic music //1089 at 2258 also Radio Riyash ID at 2300:48 11/7. (CH)
 738 **ISRAEL**, Reshet Dalet, Akko. Poor with distinctive 5+1 pips at 1060 Hz 2200 11/7. (CH)
 765 **SAUDI ARABIA**, BSKSA synchros (3). 11/7 Koranic //558, 567, 576, 936, 1512 at 2258. (JR)
 783 **SYRIA**, Radio Dimasq, Tartus. 11/7 Dimasq. (JR)
 792 **IRAN**, IRIB, Zanjan. Koran poor 2128-2129 11/7 then man talking, all //765, no bells at bottom of the hour. (CH)
 819 **IRAN**, IRIB, Sari/Khazarabad. 2101 11/7 very poor man talking behind a poor Egypt on a channel that was otherwise empty. (CH)
 873 **SAUDI ARABIA**, Ar Rass (10 kw). 2230 11/7 poor with Koran //1512 and 2300 poor, //999. (CH)
 882 **SAUDI ARABIA**, Dammam. Poor-fair Koran 2028-2029 11/7, //999 and 1512. (CH)
 936 **SAUDI ARABIA**, BSKSA synchros (2). 11/7 Koranic //558, 567, 558, 765, 1512 at 2258. (JR)
 945 **SAUDI ARABIA**, Radio Riyadh, Ha'il. 2301 11/7 poor with news sounder //1521. (CH)
 981 **SAUDI ARABIA**, Al Madinah (20 kw). Koran poor under Algeria 2200 and 2228 11/7, //999. (CH)
 999 **SAUDI ARABIA**, BSKSA, Duba. 2230 11/7 good with Koran, taking turns with Spain. (CH)
 +11/8 0058 Koran //936; 1512. (JF)
 1071 **SAUDI ARABIA**, Radio Riyadh, Qal'at Bishah. Fair or better 2231 11/7, //1521. (CH)
SYRIA, Al-Nour Radio, Tartus. With fair mention of Al-Nour 2300:06 11/7. (CH)
 1080 **ISRAEL**, Reshet Dalet, Tel Aviv. With Arabic program 2030 11/7 with poor-fair Arabic singing, pips, huna sout Israel ID and talk that sounded like news. IDed by Tarek Zeidan of Cairo – thanks! (CH)
 1206 **ISRAEL**, Reshet Bet, Akko. Poor with distinctive 5+1 pips at 1060 Hz 2200 11/7. (CH)
 1260 **SAUDI ARABIA**, Radio Riyadh, Damman. 2100 12/7 poor with news sounder //1521. (CH)
 1269 **UNITED ARAB EMIRATES**, Radio Asia 1269 AM, Ras al Khaimah. 11/7 2028 Hindi music with tablas, 2032 jingle ID. (CH)
 1278 **IRAN**, IRIB, Kermanshah. 11/7 3 bell tones //1305, 1503, 1575 (no others noted), at 2030. (JR)
 1287 **IRAN**, IRIB, Lar. 11/7 Radio Iran //1278, at 2100. (JR)
 1386 **IRAN**, IRIB, Ahwaz. 11/8 1958 Koran at 1959; Iranian anthem, ID at 2000:53. News in Arabic. Not listed in EMWG or WRTM 2015. Koran also noted at 2100 and 2130. (JF)
 1440 **SAUDI ARABIA**, Radio Riyadh, Ras al'Khair. 11/7 fair, equal with Luxembourg and parallel other Riyadh stations. (CH)
 1449 **SAUDI ARABIA**, BSKSA, Ras-al-Zawr. 11/7 news flourishes //1467, 1521 at 2100. (JR)
 1467 **SAUDI ARABIA**, BSKSA, Hafar-al-Batin. 11/7 news flourishes //1449, 1521 at 2100. (JR)
 1476 **IRAN**, IRIB, Marivan. 11/7 Iran at 2100. (JR)
 1575 **IRAN**, IRIB, Abadan. 11/7 3 bell tones //1575; at 2330. (JR)
IRAN, IRIB synchros (2). 11/7 3 bell tones //1278, 1305, 1503 (no others noted) at 2030. (JR)
 1593 **KUWAIT**, VOA Kuwait. Assumed as the source of Arabic music disco-ized to a western beat 2038-2131 11/7. (CH)

EUROPE

- 404 **SPAIN**, LRD, Lerida. 11/7 NDB 2028. (JR)
 410 **SPAIN**, C, La Coruna. 11/7 NDB 2028. (JR)
 415 **FRANCE**, TOE, Toulouse. 11/7 NDB 2058. (JR)
 540 **SPAIN**, Onda Cero, Barcelona CAT. 11/8 2059 man mentioning Onda Cero, time pips. (JF)
 630 **PORTUGAL**, Antena 1 synchros. 11/7 Antena Um, at 2300. (JR)
 756 **UNITED KINGDOM**, BBC Radio 4, Redruth. 11/7 BBC Radio 4 before news, at 2259. (JR)
 +Better than fair with Radio 4 ID 2259:20 11/7. (CH)
 828 **UNITED KINGDOM**, Smooth Radio synchros. 11/7 2028 ads, ID and Sarah McLaughlin music //945, 1161, 1251, 1260, 1323, 1332, 1359, 1431. (JF)
 945 **UNITED KINGDOM**, Smooth Radio, Bexhill (700 watts). Better than fair 2131 and 2232 11/7 with REM song. (CH)
 972 **UNITED KINGDOM**, Sunrise Radio, London. 2032 11/7 not quite fair with Indian pop music. (CH)
 1035 **UNITED KINGDOM**, Dilse Radio, Crystal Palace. 11/7 2058 Hindi Music, ID 1035 AM, on-line, on DAB Digital radio and on your mobile, we cross to our news center for your news update on Dilse Radio, Sky news in English. (JF)
 1098 **SLOVAKIA**, SRO3 Radio Devin, Nitra. 11/8 2058 pop music and talk in Slavic language; pips and news. (JF)
 1161 **UNITED KINGDOM**, Smooth Radio, Blunsdon. 11/7 2028 160 watts //828. (JF)
 1170 **SLOVENIA**, Radio Capodistria, B.Kriz. 11/7 Capodistria program ends at 2259, RSI IS at 2300. (JR)
 1233 **CZECH REPUBLIC**, Radio Dechovka synchros. 11/8 2059 many ID's, brass music. (JF)
CYPRUS, TWR, Cape Greco. Poor 2028 11/7 with man in Arabic. Better on 11/8. (CH)
 1242 **UNITED KINGDOM**, Smooth Radio, Hoo St Warburgh. 11/7 Smooth Radio //828. (JR)
 1251 **UNITED KINGDOM**, Smooth Radio, Great Barton (760 watts). 2030 11/7 fair with Smooth Radio ID, 2200 same. (CH)
 1260 **UNITED KINGDOM**, Smooth Radio, Mangotsfield/Farndon (1600/640 watts). Poor but //1433 with Sara McLaughlin song 2159 11/7. (CH)
 1323 **UNITED KINGDOM**, Smooth Radio, Southwick. 11/7 Smooth Radio //828. (JR)
 1332 **UNITED KINGDOM**, Premier Christian Radio, London. 11/7 Premiere Christian Radio at 2100. (JR)
UNITED KINGDOM, Smooth Radio, Gunthorpe (600 watts). 2030 11/7 fair ID, //1322. (CH)
 1350 **ITALY**, I Am Radio, Milan. 11/7 2128 Italian talk; ID at 2130:46. Non-stop electro dance music noted at 2158 and 2228-2233. (JF)
 1359 **UNITED KINGDOM**, BBC Radio Solent, Fern Barrow. 11/7 BBC Radio, only BBC on channel; at 2200. (JR)
UNITED KINGDOM, Smooth Radio, Bakers' Wood (280 watts). 2030:50 11/7 fair ID, 2100 same, //1323. (CH)
UNITED KINGDOM, Free Radio 80s, Shilton (270 watts). 2230 11/7 with fair ID, normally not there. (CH)
 1368 **ITALY**. 2029 11/7 several fair Italy Radio Relay Service IDS – I believe this is the old Challenger. (CH)
 1413 **UNITED KINGDOM**, Premier Christian Radio synchros. 11/7 Brief music match with 1332, at 2158. (JR)
 1431 **UNITED KINGDOM**, Smooth Radio, Rayleigh/Manor Farm (350/140 W). Poor 2032 and 2328 11/7 with Sara McLaughlin //1332 etc. (CH)
 1458 **GIBRALTAR**, Radio Gibraltar. 11/11 2157 music Uptown Funk, jingle ID "Lovin Life on the Rock, Radio Gibraltar" at 2201:37. (JF)
UNITED KINGDOM, Lyca Radio, Brookman's Park. 11/7 Lyca Radio at 2100. (JR)
 1503 **AZORES**, AFN, Lajes. 11/12 0200 ID "This is the American Forces Network", AP Network news. Over Spain. (JF)
 1530 **MADEIRA**, Porto Emisor do Funchal, Funchal. 11/12 0028 EZL non-stop piano music, announcer mentioned Funchal at 0032, pips (2+1) at 0100, then more music, announcement at 0100:46. (JF)
UNITED KINGDOM, Pulse 2, Huddersfield (740 watts). Poor but clear 2200 11/7 with ID. (CH)
 1548 **UNITED KINGDOM**, Gold, Saffron Green. 11/7 "This is Gold" at 2130. (JR)
 1557 **UNITED KINGDOM**, Smooth Radio, Kings Heath/Veals Farm (750/500 watts). Poorish with Wings //828. (CH)
 1565 **GREECE**. 11/7 Pirate with music, at 2158. (JR)
 1566t **HOLLAND**, Vahon Hinsustani Radio, Leidscherven. Maybe (or maybe the only trace of India) just a few snatches of Indian singing at 2259:33 and 2301:55 11/7. (CH)
UNITED KINGDOM, BBC, Bristol/Somerset (630 watts). Almost fair with BBC news at 2301:40 11/7. (CH)
 1593 **FRANCE**, Bretagne 5, Colinee. 11/8 2200 Jazz music, time pips about 6 seconds late and ID by man before news. (JF)
ROMANIA, Radio Romania Actualitati, Ion Corvin. Poor 2232:50 with Santana parallel to numerous other channels. (CH)
 1628.84 **GREECE**. 11/7 Pirate, at 2158. (JR)
GREECE, Thessaloniki? 11/7 ID at 2302? (JR)

1638 **GREECE?** 11/7 music and phone talk. (JR)
1670.1 **GREECE.** 11/7 Pirate, at 2158. (JR)

Spain local IDs

RNE: 0625 (936 Valladolid), 0650 (567 Madrid, 729 Logrono, 864 Toledo, 972 Cordoba, 1098 Avila, 1107 Ponferada, 1125 Toledo, 1152 Madrid, 1305 Ciudad Real, 1503 Orense)
COPE: 2257 (837 Burgos, 999 Madrid, 1053 Zaragoza, 1134 Salamanca, 1143 Jaen, 1215 Cantabria, 1224 Lugo, 1269 Zamora, 1296 Valencia)
SER: 2300 (810 Madrid, 873 Zaragoza, 873 Santiago, 882 Valladolid, 1026 Jaen, 1044 Valladolid / San Sebastian, 1116 Pontevedra, 1179 Rioja, 1260 Murcia, 1287 Burgos / Lugo, 1485 Santander, 1539 Manresa, 1584 Orense, 1602 Linares), 2329 (1026 Vigo, 1080 Huesca, 1341 Leon, 1575 Pamplona)

CENTRAL AMERICA

620 **CUBA,** Radio Rebelde, CMGN, Colon. 11/9 0857 Latin ballads and talk about Angola //670. (JF)
690 **CUBA,** Radio Progreso, CMEC, Santa Clara. 11/9 0900 ID under co-channel Spanish station. (JF)
760 **PUERTO RICO,** Noti Uno, Mayaguez. 11/9 0901 ads, ID Radio Puerto Rico. (JF)
910 **CUBA,** Radio Cadena Agramonte, Camaguey CM. 11/7 Full ID Radio Cadena Agramonte, Camaguey. (JR)
960 **PUERTO RICO,** La Radio Que Te Bendice, Quebradillas. 11/8 La Radio Que Te Bendice at 0102:30, poor, woman. (JR)
970 **US VIRGIN ISLANDS,** WSTX, Christiansted. 11/8 soca music, ID "This is AM 970 WSTX" at 0201:13. (JR)
1120 **PUERTO RICO,** WMSW, Hatillo. 2201 11/7 poor with Radio Once ID. (CH)
1260 **PUERTO RICO,** WISO, Ponce/Aguadilla/Mayaguez. 2259 11/7 fair with teletalk //WAPA 680. (CH)
1280 **PUERTO RICO,** WCMN, Arecibo. 11/7 Puerto Rico ads; 11/8 0028 NotiUno. (JR)
1320 **PUERTO RICO,** Radio Isla, San Juan. 11/8 Radio Isla rises up over Milenio at 0130:57. (JR)
1390 **PUERTO RICO,** WISA, Isabel. 11/9 0757 Salsa music, full ID at 0800:30 "Buenos Dias Puerto Rico, Esta es WISA". (JF)
1550 **PUERTO RICO,** WKFE, Yauco. 11/7 Ultimas noticias de La Isla 2357:40. (JR)
1560 **PUERTO RICO,** WRSJ, Bayamo. 11/7 Puerto Rico mention at 2257:40. (JR)
1580 **PUERTO RICO,** WEKO, Morovis. Poor to fair, in and out with Spanish religion 2228-0002 11/7 and 11/8. 0001 mentions of Puerto Rico and 0002 promo for an event at the Estadio Francisco Negrón. (CH)

SOUTH AMERICA – BRAZIL ONLY

580 **BRAZIL,** ZYK299, Radio Sao Gabriel, Sao Gabriel RS. 2302-2302 11/7 with numerous Tche do Brasil IDs at fair level, no WKAQ heard. (CH)
+11/7 Tche do Brasil at 2330:50 (thanks Chuck!) (JR)
BRAZIL, Radio Novo Relogio, Sao Goncalo RJ. 11/8 2+1 pips to mark every minute, mixing with WKAQ, 0128. (JR)
670t **BRAZIL,** Radio Cultura de Sergipe, Aracaju SE. 11/7 Sergipe at 2230:10, tentative. (JR)
BRAZIL. 11/7 Deus e Amor at 2232:50. Not IPDA. (JR)
690 **BRAZIL,** ZYI532, Radio Clube do Para, Belem PA. Fair with futebol 2157 11/7, some local ads. (CH)
700 **BRAZIL,** Nossa Radio, Sao Paulo SP. Seems to be the new slogan for Estádio. Fair IDs at 2159 and 2200 11/7. (CH)
730t **BRAZIL,** Radio Sinal? Aracati CE. 11/8, Fortaleza ad 0001:10. (JR)
770 **BRAZIL,** Radio Atalaia, Aracaju SE. 11/7 ID at 2159:18. (JR)
820 **BRAZIL.** 11/7 Fútbol goals //840 Bandeirantes?; at 2230:30. (JR)
830 **BRAZIL,** Radio Princesa da Serra, Itabaiana SE. 11/8 5 tone sound effects //1280 Tupi (carries Tupi sports) at 0029:54. (JR)
BRAZIL, ZYL244, Radio Cultura, Belo Horizonte MG. 2203 11/7 fair mention of Com O Mae Aparecida program, caught by Rocco Cotroneo. (CH)
840t **BRAZIL,** Radio Ribeirao, Demerval Lobao PI. 11/7 Very tentative, 2128:40. (JR)
BRAZIL. 11/7 Fútbol goals //820 Bandeirantes?; at 2230:30. (JR)
850t **BRAZIL,** Radio Clube. 11/7 Radio Clube IDs 2232:45, after swish sound effects. (JR)
BRAZIL, Super Radio Difusora. 11/7 ID at 2132:35, Chuck only agrees with Super. (JR)
BRAZIL, ZYH474, Radio Caraiiba, Senhor do Bonfim BA. 2128:25 11/7 poor ZYH474 call letter ID. (CH)
BRAZIL, ZYH776, Radio Tropical, Porangatu GO. Poor 2328:39 and 2320:0 11/7 with jingle ID plus 2330:10 poor spoken ID. (CH)
870 **BRAZIL,** ZYH754, Radio Universitaria, Goiania GO. 2229-2232 11/7 poor with talk I could not follow. Rocco Cotroneo suggested the programming sounds like MEC-800 and sure enough at 2232 there was a clear parallel although not in sync. Universitaria relays MEC programs at night. (CH)
890 **BRAZIL,** Radio Clube. 11/7 three Clube stations on channel; at 2201:40. (JR)
BRAZIL, ZYH642, Radio Itatiaia, Santa Quiteria CE. 2128 11/7 nice signal, fair-good with ads for Santa Quiteria (supermercado etc) with mentions of Ceara. (CH)
BRAZIL, ZYI772, Radio Tamandare, Recife PE. 2302 11/7 poor ID, back into a jumble of Brazilians. (CH)
910 **BRAZIL,** ZTI785, Radio Liberdade, Caruaru PE. 11/7 ID at 2202:20; ID again at 2230. (JR)
+2231-2233 11/7 surprisingly good with Liberdade URL, jingle and music. (CH)
+11/8 Noite e Nossa from Liberdade (thanks CH) at 0029:30. (JR)
920 **BRAZIL,** Radio Novo Tempo, Salvador BA. 11/7 "Radio Vida... Sociedad Novo Tempo" 2300:35. (JR)
940t **BRAZIL.** 11/7 Radio Floreis? 2332:15. (JR)
950 **BRAZIL.** 11/7 sounds like ID at 2132:30, Chuck thinks Boa Nova. (JR)
960 **BRAZIL,** Radio Jovem Palmas, Palmas TO. 11/8 "Radio Palmas" at 0200:20. (JR)
1010 **BRAZIL,** Radio O Povo, Fortaleza CE. 11/7 Anomaly: CBN sound effects at 2359:42 are echoed 5 seconds later. (JR)
BRAZIL, Radio Bandeirantes synchros (2). 11/8 Fútbol goal 0101:00 //620, 840, 1170, 1370, 1460. (JR)
1020t **BRAZIL,** Radio Cancao Nova, Campos de Goitacazes RJ. 11/7 tentative ID at 2129:05, Chuck hears Jovem Pan. (JR)
BRAZIL, Cultura AM, SP. 11/8 0059:34 CH discerns Cultura AM, 2 Culturas on 1020. (JR)
1030t **BRAZIL,** Radio Difusora de Xisto, San Mateus do Sul PR. 11/7 tentative with ID at 2227:35 u/Olinda. (JR)
BRAZIL, Radio Olinda, Olinda PE. 11/7 ID at 2102:40. (JR)
1050 **BRAZIL,** Radio Capixaba, Vitoria ES. 11/7 IPDA //1060, 1300 at 2128. (JR)
1060 **BRAZIL.** 11/8 ID at 0000:20? Doesn't sound like IPDA and not //1050. (JR)
1070 **BRAZIL,** Radio Cultura, Campos do Goitacazes RJ. 11/7 Cultura ID?, right after 5 pips, at 2159:20. (JR)
BRAZIL, Radio Difusora, Cajazeiras PB. 11/7 Full ID at 2301:28. (JR)
BRAZIL, ZYI427, Radio Industrial, Cuiaba MT. Poor with Bandeirantes futebol //840 2159:18 11/7. An unusual log from the state of Mato Grosso. (CH)
1080t **BRAZIL,** Radio Jornal, Canuaru PE. 11/7 very tentative. Jornal under stronger BRA 2232:51. (JR)
BRAZIL, Radio Novo Tempo, Belem PA. 11/7 Novo Tempo and Radio Vida //920; 2301:45. (JR)
1090 **BRAZIL UnID.** 11/7 Algoas? Fades in over Radio Rural 2201:35. (JR)
1110 **BRAZIL,** Radio Record, Rio de Janeiro RJ. 11/8 ID "Radio Record AM en Rio de Janeiro" at 0000:20. (JR)
BRAZIL, ZYI689, Radio Tabajara, João Pessoa PB. 2102 fair with full ID including the above calls which are different from the DX Clube do Brasil list. (CH)
1120 **BRAZIL,** Radio Clube. 11/7 ID as Radio Clube at 2359:50. (JR)
BRAZIL, Radio Tupinamba, Sobral CE. 11/7 mentions of Tupinamba and Sobral 2132. (JR)
1130 **BRAZIL,** ZYI531, Radio Marajoara, Belem PA. 11/9 0730 jingle ID at 0730:50. (JF)
1150 **BRAZIL,** ZYJ617, Radio Cabugo do Serido, Jardim do Serido RN. Splendid 2158 11/7 with almost-good ID on 1149.720 so easily splittable from Tupi and Globo and Argentina. (CH)
1160 **BRAZIL,** ZYI202, Radio Espiritu Santo, Vitoria ES. 2059 11/7 almost fair with Radio Espiritu Santo ID on a fairly empty channel. (CH)
1170 **BRAZIL.** 11/7 Bird chirp sound effects 2357:37 //1390. (JR)
BRAZIL, Radio Bandeirantes synchros (2). 11/8 Fútbol goal 0101:00 //620, 840, 1010, 1370, 1460. (JR)
1180 **BRAZIL,** Radio Cultural, Vitoria de Santo Antao PE. 11/7 "Radio Rural Vitoria para Christo" 2159:55, Chuck disagrees. (JR)
BRAZIL, Radio Mundial, Rio de Janeiro RJ. 11/7 Radio Mundial weak at 2258:50. (JR)
1190 **BRAZIL,** CBN, Natal RN. 11/7 Flourish and sound effects during futebol match 860 CBN 2359:40. (JR)

- 1230 **BRAZIL**, Radio Dacqui, Goiania GO. 11/7 Radio Dacqui at 2232:10, also 11/8 0028 after phone tones. (JR)
- 1240 **BRAZIL**, Radio Jovem Pan synchros (2), SP. 11/8 Fútbol goal //1410 0031:10; 2 JPs on 1240. Thanks CH. (JR)
BRAZIL, ZYH654, Radio Sao Francisco de Caninde, Caninde CE. 11/9 2202 ID at 2201:52 "Radio Sao Francisco de Caninde, AM a mas potencia... Centrao...." (JF)
- 1250 **BRAZIL**, Nossa Radio, Vespasiano MG. 11/7 ID at 2101:35. (JR)
BRAZIL, ZYJ925, Radio Esperanca, Estancia SE. buried by a fútbol game from unknown station until 2200 11/7 when they rose up with an ID which Rocco Cotroneo found. (CH)
- 1260 **BRAZIL**, ZYH596, Radio Vale do Jaguaribe, Limoeiro do Norte CE. Fair to almost good 2201 11/7 with ID. (CH)
BRAZIL, ZYH242, Radio Gazeta de Alagoas, Maceio AL. 2159 11/7 fair with Radio Gazeta AM ID. (CH)
- 1270 **BRAZIL**, ZYJ593, Radio Clube, Natal RN. 2158 11/7 fair with ID, calls and Natal mention. (CH)
- 1300 **BRAZIL**, Radio Realidade, San Carlos SP. 11/8 Fútbol goal //1410 0031:10; only JP on 1300. (JR)
- 1310 **BRAZIL**, ZYI691, Radio Cidade, Esperanca PB. 2100 11/7 fair ID. Also 2300 good with relayed Radio Nacional program //980. (CH)
- 1320 **BRAZIL**, Radio Imaculada Concepcao, Maceio AL. 11/7 ID at 2101, MIL network. (JR)
BRAZIL, Radio Regional. 11/7 two stations here, Sobral previously logged, 2300:15. (JR)
- 1330 **BRAZIL UnID**. 11/7 Telephone Number. 33-41-499. (JR)
- 1339.97 **BRAZIL**, Radio Clube AM, Sao Luis MA. 11/7 Full ID at 2329:50. (JR)
- 1340 **BRAZIL**, CBN synchros (2), PR/RS. 11/7 Flourish and sound effects during fútbol match 860 CBN 2359:40. (JR)
BRAZIL, Radio Pitaguary, Fortaleza CE. 11/8 "Radio Pitaguary AM... Fortaleza... Ceara" at 0101:13. (JR)
- 1349.92 **BRAZIL**, Radio Boa Votande, Salvador BA. 11/7 Radio Boa Votande and RBV, off channel 1349.92. (JR)
- 1360 **BRAZIL**, Radio Jovem Pan synchros (3), SP. 11/8 Fútbol goal //1410 0031:10; 3 JPS on 1360. Thanks CH. (JR)
- 1370 **BRAZIL**, Radio Difusora, Teresina PI. 11/8 Fútbol goal 0101:00 //620, 840, 1010, 1170, 1460. (JR)
BRAZIL, ZYH628, Radio Vanguarda, Canidade CE. 2229 11/7 almost good with nice ID, call letters and jingle. (CH)
- 1390 **BRAZIL**. 11/7 bird chirp 2357:37 //1170. (JR)
BRAZIL, Radio Sul Fluminense, Barra Mansa RJ. 11/8 Sul Fluminense at 0129:15; thanks CH for getting the ID. (JR)
BRAZIL, ZYJ599, Radio Farol, Touros RN. Poor with 4 note chimes, time check and jingle 2157 11/7. (CH)
- 1410 **BRAZIL**, Radio Excelsior, Rio Claro SP. 11/8 Fútbol goal //1300 0031:10, only JP on 1410. (JR)
- 1430 **BRAZIL**. 11/8 Rosary //1320 MIL, so possibly SP Sao Roque. (JR)
- 1440 **BRAZIL**, ZYJ469, Radio Livre, Rio de Janeiro RJ. 2357 11/7 fair or better with promo for event at Santuario Arcaño San Miguel, mention of telephone numbers and the Nova Iguacu district. Confirmed by Rio resident Rocco Cotroneo. (CH)
BRAZIL UnID. 11/7 Rosary. (JR)
- 1460 **BRAZIL**, Radio Difusora. 11/7 Dee-oosora at 2331:51. (JR)
BRAZIL, Radio Cultura, Lorena SP. 11/8 Fútbol goal 0101:00 //620, 840, 1010, 1170, 1370. (JR)
BRAZIL, ZYH472, Radio Povo, Jecquie BA. 2128 11/7 fair Radio Povo jingle. (CH)
- 1470.02 **BRAZIL**, Radio Rural Parelhas, Parelhas RN. 11/7 Radio Rural Parelhas, at 2100, off channel 1470.02. (JR)
- 1480 **BRAZIL**, Radio Cultura. 11/7 ID at 2059:35, hallelujahs follow; Ipora listed. (JR)
BRAZIL, ZYI825, Radio Cancao Nova, Gravata PE. Fair or better 2231 11/7 several Cancao Nova IDs. (CH)
- 1490 **BRAZIL**, ZYK764, Radio Imaculada Conceição, Maua SP. Poor with parts of Ave Maria 2330 11/7, parallel to a good MIL signal on 1320. (CH)
- 1500t **BRAZIL**, Radio Difusora, Pindamonhangaba SP. 11/7 tentative ID at 2201:22. (JR)
BRAZIL, ZYI779, Radio Pajeu, Afogados da Ingazeira PE. 2201 11/7 poor-fair with list of affiliates of the MIL network. (CH)
- 1520 **BRAZIL**, Radio Serra da Mar, Antonina PR. 11/8 Ave Maria //1320 MIL at 0028:20. (JR)
- 1530 **BRAZIL**, ZYH479, Radio Cultura, Guanambi BA. 2332 11/7 believed to be the source of ads for an ad for Paraiba Pneus then fair-good program of sertanejo music. There is indeed a Paraiba Pneus in Guanambi and the station schedules does show a sertanejo show at this time. Thanks to Rocco for the detective work. (CH)
- 1530.04t **BRAZIL**, Radio Cultura. 11/7 tentative ID at 2300:00, PB mention but not listed 1530.04. (JR)
- 1540 **BRAZIL**, AM Tropical, Tres Coracoes MG. 11/8 AM Tropical 0001:30. (JR)
BRAZIL, ZYH611, Radio Sant'Ana, Tiangua CE. 2330 11/7 poor ID, 3438 was fair and parallel the Aparecida net on 1430. (CH)
- 1560 **BRAZIL**, ZYH622, Radio Difusora, Vale de Curu CE. 2200 11/7 fair with ID, calls and frequency but the real frequency was not announced: 1559.805. (CH)
- 1570 **BRAZIL**, Radio Asa Branca, Salgueiro PE. 11/7 ID 2058, first noted by John. (JR)
BRAZIL, Radio Sertao Central, Senador Pompeu CE. 11/7 Sertao Central AM, web address; 2200:50. (JR)
BRAZIL, ZYH496, Radio Povo, Jaguaquara BA. Fair or better, mixing with another Brazilian, finally an ID at 2329 11/7 and back to music. ID caught by Rocco. (CH)
- 1590 **BRAZIL**, Radio Clube. 11/7 ID at 2228:00, full ID?, not //1280. (JR)
BRAZIL, Radio Restauracao, Canuaru PE. 11/7 Possible Restauracao ID at 2259:19. (JR)
BRAZIL, ZYI703, Radio Correio do Vale, Itaporanga PB. 2328 11/7 poor ID spotted by Fredrik Douren. (CH)
- 1600 **BRAZIL**. 11/7 Nove de Julho?, no ID at 2228. (JR)
- 1645 **BRAZIL**, MLZ, Platform Merluza. 11/7 NDB, at 2358. (JR)

SOUTH AMERICA – EXCEPT BRAZIL

- 559.925 **GUYANA**, Voice of Guyana, Georgetown. 11/7 "You're listening to the Voice of Guyana" 2230:30, 559.93. (JR)
- 570 **COLOMBIA**, Radio Nacional, HJND, Bogota DF. 11/8 0257 Cumbia music, Radio Nacional ID's at 0259:21 and ads. (JF)
- 700 **VENEZUELA**, Mara Ritmo, Maracaibo. 11/12 0700 ID Informativo mentioned Ritmo and Venezuela at 0701:45. (JF)
- 730 **PARAGUAY**, Radio Cardinal, ZP7, Asunción. 11/8 0300 ID "Presento... en la musica Paraguaya". Strong at 0400. (JF)
- 760 **ARGENTINA**, Radio Atlántica, Mar del Plata BA. 11/8 Radio Atlántica at 0030:50. (JR)
COLOMBIA? RCN? Barranquilla AT. 11/8 3 note sound effect 0201:25 //770, 1020, 1350, 1380. Cadena ??? ID; CH hears Las Estrellas de la Noche, eg Atlántica. (JR)
- 770 **COLOMBIA**, RCN? Bogota DC. 11/8 3 note sound effect 0201:25 //760, 1020, 1350, 1380. Cadena ??? ID. (JR)
- 810 **CUBA**, Radio Progreso, Guantanamo GU. 11/8 under Colombia, Radio Progreso at 0200:07. (JR)
- 940 **COLOMBIA**, RCN, HJTL, Cucuta. 11/9 0859 //980. (JF)
- 970 **ARGENTINA**. 11/8 CH hears BKB score, Argentina, not PRG as 1st thought. (JR)
- 980 **COLOMBIA**, RCN, HJES, Cali. 11/9 0859 promo, news theme music, pips (not //970, but //990; 940; 1110; 1060). (JF)
- 990 **ARGENTINA**, Radio Splendid, Ciudad. Dominico DC. 11/8 Radio Splendid 0129. (JR)
COLOMBIA, RCN, HJDB, Medellin. 11/9 0859 //980. (JF)
- 1040 **COLOMBIA**, Radio Colmundo, HJCJ, Bogota DF. 11/9 0858 0857:46 – Radio Frontera gave list of network stations in Barranquilla, Bogota, Bucaramanga. At 0859:14 announcer mentioned Colmundo, ads at 0900. (JF)
- 1050 **URUGUAY**, Radio Uruguay, CX26, Montevideo. 11/8 "Radio Uruguay 10-50 AM" at 0057:33. (JR)
- 1060 **COLOMBIA**, RCN, HJFJ, Manizales. 11/9 0859 //980. (JF)
- 1070 **COLOMBIA**, Qhubo Radio/Radio Santa Fe, HJGC, Bogota DF. 11/8 258 accordion music, ID at 0258:40 "En Qhubo Radio... Sutatenza, Radio Santa Fe". (JF)
- 1090 **COLOMBIA**, Caracol synchros. 11/9 0858 ID, ad for a store that was open Monday to Friday. (JF)
- 1110 **COLOMBIA**, RCN, HJJP, Villavicencio. 11/9 0859 //980. (JF)
- 1150 **ARGENTINA**, Radio Tupa Mbae, Posadas MS. 11/8 ID at 0030:44. (JR)
- 1190 **ARGENTINA UnID**. 11/8 Probably BA, but at 0002:53 an ad for Cordoba? (JR)
- 1230 **ARGENTINA**, Radio Dos, Rosario SF. 11/7 ID at 2331:00. (JR)
- 1250 **COLOMBIA**, Capital Radio, HJCA, Mosquero. 11/9 0757 ID at 0757:37, then news items. New program at 0800. (JF)
- 1340 **COLOMBIA**, Amor Estéreo, Bogota DF. 11/8 "Estéreo Mi Amor... Amor Estéreo" at 0130:30. (JR)
- 1629.83 **ARGENTINA**. 11/8 2+1 pips 0130, SP, offset fits Radio America. (JR)

- UnID**
- 700 **UnID.** 11/8 Sounds like Radio Infantil 0157:38, Spanish, 6 pips 0200. (JR)
 - 702 **UnID.** 11/7 Mexican talk //1089; flourish 2101:45. (JR)
 - 729 **UnID.** 2201-2202 11/7 with what sounded like modern pop music under Spain. Clearly //738, but EMWG has no stations listed that would be in parallel. (CH)
 - 738 **UnID.** 2201-2202 11/7 with what sounded like modern pop music under Spain. Clearly //729, but EMWG has no stations listed that would be in parallel. (CH)
 - 1030 **UnID.** 11/8 Spanish, mentions onda media and onda corta 0200. (JR)
 - 1089 **UnID.** Poor Arabic music 3430 11/7 2201, //702 and 1098. Unfortunately this could be Algeria, Saudi Arabia or maybe Iran if Farsi. (CH)
 - 1098 **UnID.** 2330 11/7 almost fair level Arabic music //702, Algeria or Saudi Arabia or Iran? (CH)
 - 1160 **UnID.** Radio Tempo? 11/7 Radio Tempo at 2258:17. Chuck says it's Spanish. (JR)
 - 1340 **UnID.** 11/7 Halo amigos 2300:50 ID here? (JR)
 - 1520 **UnID.** 11/8 Spanish religious talks fades in around 0130, phone numbers. (JR)
 - 1580 **UnID.** 11/7 Spanish, ID 2259:05 and 45, mention Argentina y Venezuela 2302:50. (JR)
 - 1628 **UnID.** 11/7 pirate, at 2128. (JR)



GEOMAGNETIC INDIES – Compiled by: Phil Bytheway
E-mail: phil_tekno@yahoo.com

Geomagnetic Summary December 1 2015 through December 31 2015. Tabulated from email status daily (K @ 0000 UTC.)

Date	Flux	A	K	Space Wx										
12/ 1	95	14	4	no storms	12/12	117	12	2	no storms	12/23	134	11	4	minor, R1
2	95	9	1	no storms	13	123	8	1	no storms	24	133	12	3	minor, R1
3	95	4	1	no storms	14	124	22	5	minor, G1	25	126	8	2	no storms
4	98	5	2	no storms	15	119	17	3	minor, G1	26	117	15	5	minor, G1
5	101	16	3	no storms	16	126	7	1	no storms	27	110	11	2	no storms
6	102	24	4	minor, G1	17	118	7	2	no storms	28	112	5	1	minor, R1
7	101	20	2	no storms	18	117	5	3	no storms	29	105	6	2	no storms
8	111	11	2	no storms	19	119	12	4	no storms	30	105	4	2	no storms
9	109	8	2	no storms	20	117	66	6	moderate, G2	12/31	96	43	6	moderate, G2
10	109	23	4	minor, G1	21	122	38	3	moderate, G2, R1					
12/11	114	20	4	no storms	12/22	130	13	2	minor, R1					

Gx – Geomagnetic Storm Level

Rx – Radio Blackouts Level

Sx – Solar Radiation Storm Level



SPORTCHANNELS IRCA – Compiled by: Eric Bueneman (NØUIH)
E-mail: n0uiheric@gmail.com

Welcome to another edition of SportChannels! Basketball season is under way, and we're now taking a look at NBA network lists. The first division we'll be featuring network lists are from the Western Conference's Northwest Division. Flagship stations are in **boldface** type, Spanish flagship stations in **boldface italics**.

DENVER NUGGETS Jason Kosmicki, Web: nba.com/nuggets/

AM	1340 KDCO Denver, CO	1490 KNAM Rifle, CO	103.1 KYDT Sundance, WY
950 KRWZ Denver, CO*	1340 KTTM Grand Junction, CO	FM	104.3 KKFN Longmont, CO
1010 KSIR Brush, CO	1400 KWUF Pagosa Springs, CO	97.1 KZBR La Jara, CO	105.1 KNFO Basalt, CO
1300 KCSF Colorado Springs, CO	1400 KRZD Wray, CO	98.9 KTYV Steamboat Springs, CO	
1320 KOLT Scottsbluff, NE	1450 KBFS Belle Fourche, SD	100.5 KRSJ Durango, CO	

*Airs games in case of a conflict with Colorado Avalanche hockey

MINNESOTA TIMBERWOLVES English: Alan Horton, Spanish: Alfonso Fernandez, Web: nba.com/timberwolves/

AM	1210 KOKK Huron, SD	1340 KDLM Detroit Lakes, MN	1460 KDMA Montevideo, MN
560 WEBC Duluth, MN	1220 KDDR Oakes, SD	1340 KWLM Willmar, MN	1490 KOVC Valley City, ND
730 KWOA Worthington, MN (1)	1230 KMRS Morris, MN	1390 KXSS Waite Park, MN	1520 KOLM Rochester, MN
740 KVOX Fargo, ND	1230 KTRF Thief River Falls, MN	1400 KMHL Marshall, MN	
830 WCCO Minneapolis, MN	1230 KWNO Winona, MN	1400 KQDJ Jamestown, ND	FM
930 KSDN Aberdeen, SD	1240 WJON Saint Cloud, MN	1450 KATE Albert Lea, MN (1)	95.7 KQYK Lake Crystal, MN
950 KWAT Watertown, SD	1320 KOZY Grand Rapids, MN	1450 KBUN Bemidji, MN	99.7 KXDL Browerville, MN

Notes: 1) Carries games if there's no conflict with Wild hockey or Twins baseball. Spanish language broadcasts are available for select games; broadcast outlet is unknown.

OKLAHOMA CITY THUNDER English: Matt Pinto, Spanish language play-by-play personnel information unavailable, Web: nba.com/thunder/

AM	1300 KAKC Tulsa, OK	FM	105.9 KQZT Hobart, OK
640 KWPN Moore, OK	1340 KSEK Pittsburg, KS	93.7 K229CH Lawton, OK (1)	106.1 KKBI Broken Bow, OK
930 WKY Oklahoma City, OK*	1380 KKRX Lawton, OK	98.1 WWLS The Village, OK	
1050 KXCA Lawton, OK	1390 KCRC Enid, OK	101.3 KMCO McAlester, OK	
1240 KADL Elk City, OK	1450 KSIW Woodward, OK		

Relays: 1) KXCA 1050, * denotes home games only

PORTLAND TRAILBLAZERS No play-by-play personnel information available, Web: nba.com/blazers/

620 KPOJ Portland, OR	1110 KBND Bend, OR	1340 KLOO Corvallis, OR	1490 KSKR Roseburg, OR
690 KRCC Prineville, OR	1230 KHSN Coos Bay, OR	1400 KBCH Lincoln City, OR	1490 KLOG Longview, WA
730 KEZX Medford, OR	1240 KRJW Altamont, OR	1400 KJDY John Day, OR	1590 KTIL Netarts, OR
820 KWDP Waldport, OR	1240 KTIX Pendleton, OR	1440 KODL The Dalles, OR	
910 KURY Brookings, OR	1310 KNPT Newport, OR	1450 KLBM La Grande, OR	

UTAH JAZZ David Locke, Ron Boone, Web: nba.com/jazz/

1280 KZNS Salt Lake City, UT	97.5 KZNS-FM Coalville, UT
------------------------------	----------------------------

That's all for this edition of SportChannels... in the next edition, we'll look at the network lists from the Western Conference's Southwest Division. 73 and play hard!

IRCA Mexican Log, 20th Edition (Winter 2015)

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.

A DXers Technical Guide, 4th 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 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.

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.

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.

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.

"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.

Prices: **IRCA/NRC members** – \$15.00 (US), \$16.00 (Canada) \$16.50 (México), \$17.50 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

To order from the IRCA Goodie Factory, 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.

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

President: Phil Bytheway, 9705 Mary Ave NW, Seattle WA 98117-2334 **E-mail:** phil_tekno@yahoo.com (all proposals, suggestions and gripes go here)

Secretary-Treasurer: Lynn Hollerman, PO Box 60241, Lafayette LA 70596
e-mail: lynnhollerman@yahoo.com – (dues, address changes, IRCA mailing list sign-ups)

Board of Directors: Bill Block – billblock@cablone.net, Dennis Gibson – wb6tnb@yahoo.com, John C Johnson – John_Johnson@prodigy.net, Patrick Martin – mwdxer@webtv.net (Chairman), Bruce Portzer – bpportzer@comcast.net, Mike Sanburn – mikesanburn@hotmail.com and Robert Wien – wienbob@aol.com

Publishing Committee: Temporary Editor-in-Chief: Phil Bytheway, 9705 Mary Ave NW, Seattle WA 98117-2334
E-mail: phil_tekno@yahoo.com (all material for publication goes here).

MEMBERSHIP DUES

Destination	Rate
USA	\$10
Canada & Mexico	\$10
Western Europe	\$10
Australia/NZ/Japan	\$10
Rest of world	\$10

Make checks and Money Orders in US funds payable to IRCA.

All dues and address changes go to: **IRCA, PO Box 60241, Lafayette LA 70596**

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

Sample copies of DX Monitor are available at 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.

Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in **DX Monitor** provided credit is given to the IRCA and permission is obtained from the original contributor. Opinions in **DX Monitor** are those of the original contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors or officers.

©2016 International Radio Club of America

THE INTERNATIONAL RADIO CLUB OF AMERICA
PO Box 60241, Lafayette LA 70596
<http://www.ircaonline.org>