



# DX MONITOR

The official publication of the  
International Radio Club of America

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**This is our annual Anniversary issue!** IRCA welcomes **Chris Black** of Newcastle WA and **Brian Penney** of Brewster MA (both rejoins). Bulletins are now every other week. DX often! Next Seattle deadline **Monday 3/19/18 6 PM PLT**.

### IRCA Archive

I'm not sure how many IRCAnS are aware of this, but this external site features good search functions:  
<https://www.mail-archive.com/irca@hard-core-dx.com/maillist.html>. 73, Glenn Hauser

### 2018 IRCA Convention

The 2018 IRCA convention will be held at the Best Western Plus Charles Inn in St. Charles MO on September 7 and 8 2018. The hotel is located at 1425 S Fifth Street in St Charles, NW of I-70 exit 229B, or the first exit west of the Missouri River, eight miles west of the Lambert St Louis International Airport. The room rate is \$104.99 a night for either a standard king or two queens. The phone number to call the hotel directly to make reservations for that weekend is (636) 946-6936 or toll-free at 1-888-274-0988. When calling to make the reservation, you must mention the code IRCA to get the rate. There is a block of 30 rooms reserved at that rate for each night for your choice of a single or double bed, your choice. Reservations must be made by August 7 2018. One note, if all the rooms for this block sell out, then the meeting room at the hotel will be complementary. Registration fee is only \$25 per person with free breakfast. There will be a tentative radio tour of KCLC FM 89.1 at Lindenwood College in St Charles as well as another possible radio tour and a possible tentative radio tower visit. Banquet is out of pocket and the place will be announced at a later date, possibly soon. Your host for the convention is Ken Hawkins. You can either email him at [StLouisHerdFan@gmail.com](mailto:StLouisHerdFan@gmail.com) or you can call him on this cell phone at (636) 577-4295. Please make your plans and reservations now for the 2018 IRCA convention as this will probably be one of the best!



**CALL FOR NOMINATIONS – Nick Hall-Patch – 1538 Amphion St – Victoria BC Canada V8R 4Z6**  
E-mail: [nhp@ieee.org](mailto:nhp@ieee.org)

### Nominations are Open for the TVA and RHA for 2017-2018 – Last Chance!

#### Ted Vasilopoulous Award (TVA)

**Ted Vasilopoulous** was a charter member of IRCA who died in 1965, and was known for his high DX standards and contributions to the club. This award in his honor is presented to the IRCA member who has contributed the most to IRCA and the DX hobby during the past several years. The following persons have won the TVA in the last five years and are ineligible this year: **John C Johnson, Gary DeBock, Eric Bueneman, Nick Hall-Patch** and **Lee Freshwater**.

#### Ric Heald Award (RHA)

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

All nominations, including a brief statement supporting the nomination, should be sent to the ECC, Nick Hall-Patch at [nhp@ieee.org](mailto:nhp@ieee.org)

All nominations must be received no later than **March 15 2018**.

**Nick Hall-Patch**, IRCA Election Committee Chairman



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

DATE OF COLUMN: February 24 2018. Column data span: February 10-24 2018. Data courtesy of [Stationintel.com](http://Stationintel.com). FCC database and member contributions.

### CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
700	WCNF	Dothan, AL	WARB
1400	WJZM	Clarksville, TN	WVWB
1440	WSEL	Pontotoc, MS	WOCJ
1600	WBKI	Eminence, KY	WKYI

### FORMAT, SLOGAN AND SILENT STATUS CHANGES

#### FREQ CALL CITY OF LICENSE

590	WROW	Albany, NY
730	WZGV	Cramerton, NC
900	WILC	Laurel, MD
930	WKCT	Bowling Green, KY
990	WMYM	Kendall, FL
	WWKY	Winchester, KY
1020	WLVJ	Boynton Beach, FL
1040	WURN	Miami, FL
1090	WHGG	Kingsport, TN

#### NEW INFORMATION

old slogan: "Magic 590 AM/100.5 FM", new: "Magic 590 AM-100.5 FM"  
old slogan: "ESPN Radio 730", new: "730 The Game ESPN Charlotte"  
was Romantica, now Spanish hits, old slogan: "Romantica Siente tu Musica", new: "Radio America 900" (I can confirm this, my local station!-ye ed)  
old slogan: "News Talk", new: "Talk 104.1"  
changes city of license from Miami to Kendall  
was silent, now Westwood One Lite AC soft adult contemporary  
changes city of license from Kendall to Boynton Beach  
changes city of license from Boynton Beach to Miami  
old slogan: "Love FM", new: "Love 97.3 FM"

1140	WNWF	Destin, FL	was silent, now adult standards
1150	WONG	Canton, MS	changes secondary format from blues to urban contemporary
1160	KRDY	San Antonio, TX	was Spanish contemporary Christian, now talk, old slogan: "Radio Luz", new: "Freedom 1160"
1180	WVLZ	Knoxville, TN	now silent
1220	KDDR	Oakes, ND	old slogan: "Country KDDR", new: "The Tornado"
1230	WABN	Abingdon, VA	old slogan: "Love Radio FM", new: "Love 97.3 FM"
	KOZI	Chelan, WA	was adult contemporary, now talk, old slogan: "Radio Lake Chelan", new: "News Radio 1230"
1240	WWCO	Waterbury, CT	was talk, now ethnic, old slogan: "The Talk of Connecticut", new: "Viva! Radio"
1270	WMLC	Monticello, MS	was silent, now urban gospel, adds slogan: "Power Gospel"
1290	WPCF	Panama City Beach, FL	old slogan: "93.9 Play FM", new: "92.9 Play FM"
1340	WWFL	Clermont, FL	old slogan: "Onda Mexicana Radio 1340", new: "Le Major Orlando 1340"
	WNBH	New Bedford, MA	old slogan: "ESPN Sports 1450", new: "ESPN Sports 1340"
1350	KUSG	Agana, GU	was silent, now talk, adds slogan: "The Point"
	WWWL	New Orleans, LA	was urban adult contemporary, now R&B oldies
1390	WZZB	Seymour, IN	old slogan: "Classic 1390", new: "The Buzz 1390 And 99.3 WZZB"
1450	WXVW	Jeffersonville, IN	old slogan: "1450 The Sports Buzz", new: "1450 96.1 The Big X"
	KWES	Ruidoso, NM	was Spanish adult hits, now Westwood One Mainstream Country, old slogan: "Juan 1450", new: "Bear Country 94.7"
1470	WTTR	Westminster, MD	adds slogan: "WTTR AM 1470 FM 102.3"
	WQXL	Columbia, SC	old slogan: "The Point", new: "The Point 100.7"
1550	WCVL	Crawfordsville, IN	old slogan: "Classic Hits", new: "Classic Hits 92.1 FM-1550 AM"
1600	KDAK	Carrington, ND	was country, now classic hits, old slogan: "KDAK", new: "The Cardinal"

**MEMBER CONTRIBUTIONS**

**Frank Aden** of Boise ID sends along the following in a newspaper article dated 2/13/18:

On January 4 2018, First Western Inc, filed an application with the Federal Communications Commission requesting consent to assign the license for AM broadcast station KMHR, authorized to operate on 950 kHz, at Boise, Idaho, and the license for FM translator K252FA, authorized to operate on Channel 252, at Boise ID, to Azteca Media, LLC. Steve Sumner is the sole officer, director and stockholder of First Western Inc. Lorena Cortez and Araceli Ortega are members of Azteca Media, LLC. A complete copy of the application, any amendments and related materials, are available for public inspection Monday through Friday, during regular business hours at 112 Holly, Nampa, Idaho.

**Mike Sanburn** of Bellflower CA sends along the following from **Dennis Vroom** of Kalama WA via the IRCA Mailing list dated 2/20/18:

New station this afternoon while tuning the band for entries for the IRCA DX contest. KGRG 1330. 1330 KGRG WA Enumclaw 2/20 1828 EST fair signal with Classic Alternative music. ID as KGRG1, over semi local KKPZ.

Well, the Olympics are over, just ended last night, Closing Ceremonies were spectacular. US won 23 medals which isn't bad, Norway won the most by far. Well, back to the humdrum life of DX, heh. Logged WNRS-1420 here last week so conditions are still good. Cool and misty-rainy here of late, even got a coupla inches of snow a week or so ago, and one Wednesday we were 80 degrees here, so you never know what you'll get in DC/Baltimore in February or March. Weather is slowly getting warmer but hopefully DX will remain good. Report your tips to your respective columns and support IRCA! Even my local 900 AM made a format change, see above! 73's. **Bob Wien**



**CANADIAN RADIO NEWS – Dan Sys**  
E-mail: [sysdan@gmail.com](mailto:sysdan@gmail.com)

For February 2018, March 1 2018

**NEW STATION LAUNCHED**

1350 QC Gatineau CHFO Community. 1,000 watts (days)/180 watts (nights).Variety. French. Radio Communautaire Francophone de l'Outaouais. (testing)

**DELETED FROM ISEDC DATABASE**

900 BC Donald CBWD 40 watt CBC Radio One rebroadcaster of CBTK 88.9 Kelowna. Area is now served by CBXE 101.7 Golden.

**TECHNICAL CHANGE GRANTED**

690 BC Vancouver CBU Decrease power from 50,000 watts fulltime to 25,000 watts fulltime.

**EXTENSION GRANTED**

1220 ON St Catharines new-cp Radio Dhun has until April 20 2019 to get this new 10,000 watt English language Classic Hits station on the air.

**PROPOSED TECHNICAL CHANGE**

600 BC Vancouver new-cp Increase power from 10,000 to 50,000 watts (days) 10,000 to 20,000 watts (nights). Relocate transmitter.



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

**WDXR DEADLINES:** March 16, March 30, April 13. April 27, May 11, May 25, June 8, June 22, July 13 and August 10. Please use Eastern Local Time.

**REPORTERS FOR THIS ISSUE:**

- (RB) **Rick Barton**-PO Box 5503-Peoria AZ 85385 [desertmoon\\_dxshack@inbox.com](mailto:desertmoon_dxshack@inbox.com)  
GMC Sonoma dashboard radio, Panasonic RF-2200, SW-2000629, HQ-200, Slinky and tuned loop
- (BB) **Bill Block**-Prescott Valley AZ [billblock@cableone.net](mailto:billblock@cableone.net)  
R8, Wellbrook ALA1530LNP
- (GH) **Glen Hansen**-64985 Olson Road-Deer Island OR 97054 [gbhansen2@outlook.com](mailto:gbhansen2@outlook.com)  
Hammarlund SP-600 and HQ 145A, various longwires, Kiwa loop
- (JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 [John\\_Johnson@prodigy.net](mailto:John_Johnson@prodigy.net)  
Icom IC-R75, Wellbrook ALA1530LNP
- (JP) **Jon Pearkins**-Edmonton AB [jon@pearkins.com](mailto:jon@pearkins.com)  
Sangean PR-D5 with 8" internal ferrite rod
- (MS) **Mike Sanburn**-PO Box 1256-Bellflower CA 90707-1256 [mikesanburn@hotmail.com](mailto:mikesanburn@hotmail.com)  
Sangean DT 160
- (DV) **Dennis Vroom**-Kalama WA [vroomski@ymail.com](mailto:vroomski@ymail.com)  
JRC NRD 545, NW EWE, 310 degrees

- 550 KOAC **OR**, Corvallis 2/25 0121-0127 dominant during long break then into NPR program. (JP-AB)
- 600 CJWW **SK**, Saskatoon 2/17 0152 fair signal with call letter ID. (DV-WA)
- 630 KPLY **NV**, Reno 2/16 mixing with nulled KHOW and KFXB. 0000 out of Fox Sports with "This is KPLY Reno. Fox Sports Radio 630" back into Fox Sports. New for me. (JCJ-AZ)
- 780 WBBM **IL**, Chicago 2/18 0137 weak with WBBM ID, KKOH phased down. (DV-WA)
- 790 KGMF **WA**, Bellingham 2/5 0030 news and ad for dental office(?). Weak in the jumble on SP-600 with N-S wire. (GH-OR)
- 920 KLMR **CO**, Lamar heard 2/26 at 0854 with "KLMR." (BB-AZ)
- 980 KMIN **NM**, Grants heard 2/25 at 0853 with "K-Mine 980 AM." (BB-AZ)

- 1120 KANN **UT**, Roy 2/18 1059 "KANN Roy-Ogden-Salt Lake City," by man then to SRN News. This station is usually long gone by now, fading out at sunrise. Better yet, there is a co-channel station in there, as yet unidentified. Very good on Panasonic RF-2200. Note, I never did ID the second station before it was gone. (RB-AZ)
- 1160 KSL **UT**, Salt Lake City 2/19 1057 ID, very strong signal on HQ-200 and outdoor Slinky. Locally produced current events program. Not typically considered a major DX catch, but I was hearing it this late in the morning Very strong, S-9, and solid. (RB-AZ)
- 1170 KYET **AZ**, Golden Valley 2/19 1920 Olympic schedule for tonight, good ID by man, then to local weather. Very strong, solid S-9, but suddenly dropping to threshold level (probably azimuth/power change). (RB-AZ)
- KLOK **CA**, San Jose 2/25 0135-0140 presumably the one strong enough to be sure it was modern South Asian music with normally dominant KPUG weaker than usual. (JP-AB)
- KFAQ **OK**, Tulsa 2/11 1930 "Talk Radio 11-70 weather" at 1930 and "tomorrow much warmer with a high of 47 degrees." Very good, pre-sunset, on GMC dashboard set. (RB-AZ)
- 1190 CFSL **SK**, Weyburn 3/1 mixing or over local KNUV 0000 with country music, "Country favorites, AM 11-90 Weyburn" ID back into music. Numerous "AM 1190" slogans between songs. Not new, but rare here. (JCJ-AZ)
- 1210 KQEQ **CA**, Fresno 2/20 1000 caught top of hour call letters in vocal pause of dominant KPRZ. New for me. I guess this one evolved from the former KLIP 1220 Fowler, CA. (MS-CA)
- 1230 KXO **CA**, El Centro 2/28 0911 good sunrise signal in KYPA null. Call letters given while back announcing Roy Orbison tune, "Kind of a Drag" played later. KOY Phoenix noted with Spanish. (MS-CA)
- 1240 KRJW **OR**, Altamont 2/15 0100 heard "1240 KRJW The Winner" ID. Weak but perceptible above the pack on R-390A with N-S wire. (GH-OR)
- 1250 KHIL **AZ**, Willcox 2/10 0120 old school traditional country, ID by man. (RB-AZ)
- 1270 KIML **WY**, Gillette heard 2/24 at 0833 with "KIML 1270." (BB-AZ)
- 1320 KAWC **AZ**, Yuma 2/9 2005 male announcer with multiple IDs, mentions of Native American radio network. Up and then down into the muck, with very good reception on signal peaks. (RB-AZ)
- KIFM **CA**, Sacramento 2/15 1030 sports program break, local spots, interview with Mikaela Shiffrin. Steady and good well after local sunrise on RF-2200, looded for NW/SE. (RB-AZ)
- 1330 KGAK **NM**, Gallup 2/19 1900 ID by man, then woman, followed by tom-toms and chanting. Steady. (RB-AZ)
- KGRG **WA**, Enumclaw 2/20 1828 fair signal with classic alternative music. ID as KGRG1, over local KKPZ. New station here. (DV-WA)
- 1370 KXTL **MT**, Butte 2/5 0311 fair signal with KXTL ID. (DV-WA)
- 1420 KUJ **WA**, Walla Walla 2/13 2230 Rush Limbaugh and ID, then abruptly faded away, on R-390A with E-W wire. (GH-OR)
- 1450 KCLX **WA**, Colfax 2/13 2300 C&W music in a noisy mix with UnIDs. Very weak on R-390A with E-W wire. (GH-OR)
- 1520 KOKC **OK**, Oklahoma City 2/19 1920 talk show on guns, Bob Mueller, guns, and guns. "Chad Benson" to break, local spots. In and out, good on peaks. (RB-AZ)
- 1540 KXEL **IA**, Waterloo 2/5 0205 weak signal with KXEL ID. (DV-WA)
- 1580 KGAL **OR**, Lebanon 2/16 0100 ID as "Newstalk 15-80," their former slogan. Assuming outdated TOH ID rather than change from current "Smart Talk." (JP-AB)
- CKDO **ON**, Oshawa 3/1 0130:30 with call letters still part of their branding, in a standard splitter (between two songs), as call letters are only required in Canada at top of hour. Oldies with some Canadian Content even though not required overnights. Dominant over occasional talker, likely KGAL. (JP-AB)
- 1620 KSMH **CA**, Sacramento 2/28 at 2200 ID by man to priest; talk show. Phone-in callers, religious topics. Good with some deep fades. Faded out and completely gone a little before 1130. (RB-AZ)
- 1660 KBRE **CA**, Modesto 2/19 1925 local spots to fadeout. Very good for a while and well before local sunset. (RB-AZ)

#### UnIDs

- 540 UnID 3/1 0115 ranchero music in Spanish with CBK nulled as much as possible. Everything fits XEWA but the music. (JP-AB)
- 1320 UnID 2/19 1115 sports talk show, long after local sunrise. Tentatively I would call this KIFM (Sacramento), but I can't make the log without the ID that I never heard. Fair in and out for 15 minutes on RS using SW-2000629 and using tuner, and switching to Grundig Satellit 750. Lost it for good by 1130. (RB-AZ)

Happy Anniversary IRCA! – Nancy 3/2 1900



**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 [NUIHEric@gmail.com](mailto:NUIHEric@gmail.com)  
CountyComm GP-5/SSB Ultralight receiver, Grundig AN-200 tunable loop, General Electric Superadio III

#### DOWN THE DIAL

- 610 KDAL **MN**, Duluth. 2/28 good signal in KCSP null. 0503 noted with CBS News, local spots, "This is KDAL, news radio Six-Ten and FM 103-point-Nine" ID into *America's First News*. [EB-MO]
- 860 WMRI **IN**, Marion. 2/24 fair to poor signal, mixing with CJBC and WSON. 0645 noted with "You're listening to *Sports Center All Night* on ESPN Radio and the ESPN app" mention, into sports talk. Only ESPN affiliate listed on 860, according to the NRC Log. 860#15. [EB-MO]
- 1150 WGWOW **TN**, Chattanooga. 2/25 fair signal over WLOC. 0624 noted with sports report, call letters, local spots and weather forecast. [EB-MO]
- 1160 KCTO **MO**, Cleveland. 2/16 fair to poor signal, mixing with KSL and other stations. 0450 noted with "La Raza" ID in Spanish into Regional Mexican format. [EB-MO]
- 1230 WYTS **OH**, Columbus. 2/18 fair to poor signal, mixing with WFXN, WIBQ and other stations. 0539 noted with "Kiss 105-point-Three" ID into Urban Adult Contemporary format. GY #5 from the Buckeye State. [EB-MO]
- 1260 WNDE **IN**, Indianapolis. 2/18 fair signal in WSDZ null. 0501 noted with Fox Sports Radio update and promos. [EB-MO]
- 1430 WXNT **IN**, Indianapolis. 2/21 fair to poor signal in KZQZ null. 2102 noted with *CBS Sports Radio Sports Flash*, calls in promo and local spot. [EB-MO]
- 1440 WZYX **TN**, Cowan. 2/24 fair signal over KTUV. 0640 noted with local spots, "Eagle radio WZYX" ID into weather forecast. [EB-MO]
- 1450 WGNS **TN**, Murfreesboro. 2/20 fair to poor signal, mixing with KMRY, WASK, WFMB, WMOH and other stations. 0359 with call letters in promo. [EB-MO]
- 1460 WKAM **IN**, Goshen. 2/20 fair to poor signal through KHOJ. 0418 noted with local spots, "La Raza" ID in Spanish into Regional Mexican format. [EB-MO]
- 1540 KEDA **TX**, San Antonio. 2/22 fair signal, mixing with KXEL. 0521 noted with Tejano music format, "KEDA 15-40 AM" ID in English. [EB-MO]
- 1590 WCSSL **NC**, Cherryville. 2/21 fair signal over WNTS. 2131 noted with local spots, PSA mentioning North Carolina, into University of NC Tarheels basketball BPP. [EB-MO]

#### FLASHBACK

**50 YEARS AGO March 16 1968 4<sup>th</sup> Anniversary issue of "DX Monitor"** ... Included was a history of the NRC conflict and how the IRCA was formed ... New member Father **John P Pejza** of Ojai CA introduced himself ... **Bruce Portzer** of Seattle WA said he was 16 and a junior at Glacier High School ... **Larry Godwin** of Littleton CO mentioned four years ago none were certain there would be a club in 4 years ... **John C Johnson** stationed in Rota, Spain said he had less than a year left to serve in the US Navy ... **CM "Stan" Stanbury II** told about his article in the new issue of *Radio-TV Experimenter*. // **25 YEARS AGO March 13 1993 29<sup>th</sup> Anniversary issue of "DX Monitor"** ... **Albert S Lobel** of San Diego CA said he started DXing in 1966 when he heard Canadian stations one night ... **Patrick Martin** of Seaside OR said he was 43 and DXing since 1962 ... **John C Johnson** of Billings MT said he was 47 and had been working for KTVQ for 21 years. He started DXing in the late 1950s after hearing KFAB on a little transistor radio one night from Sheridan WY ... **Steve Hawkins** of Manteca CA said he was 46 ... **Art Peterson** of Richmond CA was 48 and had been DXing since 1960 ... **Larry Godwin** of Missoula MT said he was 50 and began DXing in 1957 ... **Tom Lasowski** of South Bend IN was 32 ... **Ernest Cooper** of Provincetown MA had been DXing since 1932 and has 4,424 veries. Ernest told about how his father taught him all about DXing ... **Rick Evans** of Milwaukee WI said he joined the IRCA in 1965 when he was 20 years old.

#### OPEN MIKE

Happy 54<sup>th</sup> Anniversary, IRCA! This issue is the special Anniversary DX Monitor. Traditionally the largest DX Monitor published because of all members submitting their re-introduction Forum reports. Hopefully this 54<sup>th</sup> Anniversary issue will continue the tradition. Sadly, only one reporter, **Eric Bueneman**, submitted loggings to this column which was typed 3-2-18. 73, John





**EASTERN DX ROUNDUP** – Eric Bueneman (NØUIH) – 631 Coachway Lane – Hazelwood MO 63042-1347  
E-mail: n0uiheric@gmail.com  
DEADLINES: Friday 2359 ELT

#### TUNING THE DIALS THIS ISSUE:

- (KK-VA) **Kraig Krist** (KG4LAC), Manassas VA  
Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop
- (PS-ON) **Paul Snider**, Welland ON, Canada paulisnider@yahoo.ca  
Elad FDM-S2 software-defined receiver, Pixel RF Pro-1B loop, MFJ-1020C antenna tuner
- (RW-MD) **Robert Wien** (KG6RJW/3), Laurel MD  
2011 Ford Fusion car receiver

#### ACROSS THE DIAL

- 790 WPIC **PA**, Sharon – 2/20 2207 noted with a “News/Talk WPIC” ID into *The Jim Bohannon Show*. A fair to poor signal was noted in a mix of stations. (PS-ON)
- 990 WJEH **OH**, Gallipolis – 2/22 2105 noted with a Southern Gospel format, “Your Home for Southern Gospel, WJEH” ID at 2115; a format change from Christian Talk. A fair to poor signal was noted, mixing with WDCX. (PS-ON)
- 1070 WNCT **NC**, Greenville – 2/16 2226 noted with an Oldies format, “Beach, Boogie and Blues” slogan at 2228 into a tune by Aaron Neville. A fair to poor signal was noted, mixing with CHOK. (PS-ON)
- WGOS **NC**, High Point – 2/19 2231 on after Sunset with Southern Gospel music in Spanish, “Radio Nueva Vida” ID at 2235 into another music set. A poor to very poor signal was noted, mixing with CHOK, WINA and probably WCSZ; confirmed via Tune-In Web stream. (PS-ON)
- 1180 WSQR **IL**, Sycamore – 2/18 0010 apparently on day power; noted with a Classic Hits format, including selections from Men at Work, The Rolling Stones and ELO. “92.9, 1180 WSQR” ID at 0012, Community Calendar, local spots and another “WSQR” ID at 0021. A fair at times to very poor signal was noted, almost over WHAM. (PS-ON)
- 1300 WSSG **NC**, Goldsboro – 2/25 1755 noted with a “92.7 Jams” ID by a male announcer. The signal was noted mixing with WJZ, WKCY, WNQM, two unidentified vocal music stations and an unidentified NBC Sports Radio affiliate. (KK-VA)
- 1310 WJZA **GA**, Decatur – 2/25 1859 noted with “Atlanta’s Smooth Jazz, 101.1 WJZA” ID by a male announcer. The signal was mixing with WDCT, WDKD, WGH, WISE and an unidentified Spanish language station. (KK-VA) (101.1 refers to W266BW Winder GA; this must be a recent change from a simulcast of WCHK 1290 Canton GA. The unidentified Spanish station may be WEMG Camden NJ – eb)
- WISE **NC**, Asheville – 2/25 1816 noted with “on WISE Sports Radio 1310, 970 and 97.3” ID by a male announcer; a new station in the logbook. The signal was noted mixing with WDCT, WDKD, WGH, WJZA and an unidentified Spanish language station. (KK-VA)
- WDKD **SC**, Kingstree – 2/25 1757 noted with “The best Carolina Gamecocks are played on 96.3 ESPN Radio” mention by a male announcer. The signal was noted mixing with WDCT, WGH, WISE, WJZA and an unidentified Spanish language station. (KK-VA) (96.3 refers to W242AH Sumter SC – eb)
- WGH **VA**, Newport News – 2/25 1803 noted with “Broadcasting from the World’s Greatest... WGH Newport News/Norfolk, Virginia” legal ID by a male announcer, followed by a “WGH” jingle. At 1834, this announcement by a male DJ was noted: “This is Chuck... you’re listening to Famous 1310... worldwide anytime... WGH 1310-dot-com”; a new station in the logbook and a rare three-letter call sign. The signal was noted mixing with WDCT, WDKD, WISE, WJZA and an unidentified Spanish language station. (KK-VA)
- 1320 WMSR **TN**, Manchester – 2/25 1846 noted with a Country format, “Thunder Radio” ID by a male announcer. The signal was noted mixing with WJAS, WVNZ and unidentified stations with an Oldies format, a basketball game and vocal music. (KK-VA)
- 1330 WZCT **AL**, Scottsboro – 2/25 1836 noted with a promo for an event at the DeKalb County Fairgrounds by a female announcer, mentioning that it was being held March 10 through 17 and giving the phone number as (256) 632-2420. “...or you may E-mail us to WZCT” mention by a female announcer; a new station in the logbook. The signal was noted mixing with WETZ, WHGM, WPJS, WRAA, WYRD and an unidentified Spanish language station. (KK-VA) (Your Spanish language station may very well be WWRV New York NY – eb)
- WHGM **MD**, Havre de Grace – 2/25 1730 noted with “WHGM” jingle, followed by a mention of “Here’s what’s happening in Northeast Maryland” by a male announcer. The signal was noted mixing with WETZ, WPJS, WRAA, WYRD, WZCT and an unidentified Spanish language station. (KK-VA)
- 1420 WNRS **NY**, Herkimer – 2/21 1800 noted with several local spots, ID mentioning Utica. Nicely on top of the frequency, then rapidly faded out into the mess; first time heard in Laurel. (RW-MD)
- 1460 WBUC **WV**, Buckhannon – 2/19 0024 noted with a Country format, “93.1 the River” ID, another set of Country music before another ID at 0028 between sets; missed legal ID at 0100. A fair at times to poor signal was noted. (PS-ON) (The FM referred to is WFGM-FM Barrackville WV – eb)

#### EDITOR’S NOTES

Many wishes for a Happy Anniversary to IRCA! It’s hard to believe that it’s been 24 years since I joined! Have you thought about making plans for this year’s IRCA Convention? It will be held across the Missouri River from my shack this year, in Saint Charles MO. Ken Hawkins is your host; more information is elsewhere in this DX Monitor. 73 and good DX from NØUIH, the Florissant Valley Dial Twister.



**DX WORLDWIDE/TROPICAL BAND DX** – Brandon Jordan – PO Box 338 – Rossville TN 38066  
E-mail: dxwww.irca@gmail.com  
all times UTC

**Deadline** – Sunday Midnight Central Time.

#### \*\*\* TRANS-ATLANTIC DX \*\*\*

1170 **SLOVENIA** Radio Capodistria, Beli Kriz. FEB 26 2125 – commentary by man in Italian, ID. Strong signal into Carbonear, NL. [AW-NL]

#### \*\*\* PAN-AMERICAN DX \*\*\*

- 590 **MÉXICO** XEBH, Hermosillo, Son. FEB 12 1202 – XEBH call letters and mention of Hermosillo and Sonora. Numerous “La major” slogans between musical selections. Good signal with KSUB nulled. 75th Mexican station logged from Mesa. [JcJ-AZ]
- 610 **MÉXICO** XEGS, Guasave, Sin. FEB 19 0432 – numerous mentions of XEGS sometimes 4 in a row, city and state mentioned at 0444. “La Hora Nacional” at 0501. Good signal mixing with XEBX, KAVL. KVNU nulled. 76th Mexican station logged from Mesa. [JcJ-AZ]

#### CONTRIBUTORS

- AW-NF **ALLEN WILLIE**, VOPC1AA, Carbonear, Newfoundland, Canada (GC=47°44'15N 53°11'46W) (grid GN37jr)  
ICOM R-75 w/183m random wire to SE @ 135°
- JcJ-AZ **JOHN C JOHNSON**, Mesa AZ  
Icom IC-R75, Wellbrook ALA1530LNP

Thanks to this week’s reporters!  
73, Brandon



**DX WORLDWIDE – II** – Bruce Portzer – 6546 19th Ave NE – Seattle WA 98115  
E-mail: portzerbt@gmail.com  
All times UTC unless noted otherwise

#### ASIA AND PACIFIC

**AFGANISTAN:** see Pakistan

**AUSTRALIA:** 6NW Port Hedland 1026 ceased AM transmission on 19 January 2018, after simulcasting with the new FM outlet for some weeks. This is the first station to switch off AM in the current phase of AM-FM conversions in Australia. For the most up-to-date data on Australian medium wave (and FM) stations, you need to download the Australian Communications and Media Authority (ACMA) Broadcasting Book – January 2018 edition. Go to <https://www.acma.gov.au/Industry/Broadcast/Spectrumfor-broadcasting/Radio-and-television-transmitters/radio-tv-broadcasting-stations-bookspectrum-for-broadcasters-acma> (NZDXRL)

The Aussies (aka ACMA) have issued their annual book about radio.

<[https://www.acma.gov.au/-/media/Licence-Issue-and-Allocation/Publication/pdf/TVRadio\\_Handbook\\_Electronic\\_edition-pdf.pdf?la=en](https://www.acma.gov.au/-/media/Licence-Issue-and-Allocation/Publication/pdf/TVRadio_Handbook_Electronic_edition-pdf.pdf?la=en)>

Section 3... MF AM Radio... Frequency order... starting at page 55 seems to be the most interesting/important part for us. (Theo Donnelly)

Australia Three radio stations in Mandurah, Western Australia and Warrnambool, Victoria could soon swap between AM and FM frequencies, in proposals released today by the Australian Communications and Media Authority (ACMA). 'FM radio provides improved audio quality for listeners in regional areas,' said ACMA Chair, Nerida O'Loughlin. 'Some regional commercial radio stations are seeking to move services to FM from AM where possible. The ACMA is charged with facilitating these moves while ensuring that audiences in regional areas do not lose important radio services'. 'It is also up to each broadcaster to decide when they make the transition.'

In Mandurah, 6MM would convert to FM. In Warrnambool, 3YB would convert to FM. This will involve a frequency swap with 3RPH, a talk radio service for the print handicapped, operating in the area. Once the exchange is complete, 3YB will broadcast on FM and 3RPH will broadcast on AM. AM frequencies are considered more suitable for talk radio services and the conversion to AM radio will increase 3RPH's reception area.

The ACMA is seeking comments on these industry-led proposals. Submissions are due by 15 February 2018. (ACMA Press Release)

Current status of mediumwave to FM conversions in "solus" markets:

Complete: Karratha, Port Hedland, Remote WA (Exmouth, Paraburdoo and Tom Price)

Currently consulting: Warrnambool, Mandurah

Pending: Albany, Armidale, Bathurst, Bega, Cooma, Goulburn, Grafton, Gunnedah, Inverell, Lismore, Lithgow, Moree, Nowra, Parkes, Tamworth, Taree, Young, Murray Bridge, Port Lincoln, Riverland, Spencer Gulf North, Burnie, Devonport, Queenstown, Scottsdale, Wangaratta, Will be a game changer, for both MW and FM DX! (ADXN Jan 2018)

**INDIA:** 738 AIR Hyderabad has installed a new 200 kW digital transmitter. Heard on the 19th of January testing 2245-2300 with continuous songs and a test tone at 2300. No station announcements. (DX-India 19.1.2018)

AIR Jeyore noted with new 100 kW transmitter on 1467 from today evening. This frequency was off air for some months now due to installation of new transmitter. More details in: <http://airddfamly.blogspot.in/2018/02/testing-is-going-on-for-new-nautel-100.html> (Testing is going on for New Nautel 100 KW MW transmitter at AIR, JEYPORE.) (Jose Jacob, dx\_india 18 Feb)

Latest updates of All India Radio Home service Stations as noted in their official B 17 printed schedules, compared to their A 17 printed schedules. Delete (MW): 1314 Cuttack B 1 kW, 1440 Kurseong 1 kW, 1476 Jaipur A 1 kW, and 1584 Jamshedpur 1 kW. Changes: (MW) Diphu 1485 (ex 1584) 1 kW. (Jose Jacob, dx\_india 16 Jan)

**KOREA (North):** Most of NK transmitters are suffering with technical malfunctions. Following observations are made via Japanese SDR's:

621 Pyongyang BS/VOK. Low and distorted modulation.

702 KCBS Chongjin have irregular schedule.

801 Pyongyang BS Hwadae is drifting 797-804 kHz.

810 Pyongyang BS Kaesong is drifting 805-818 kHz and terrible distorted, irregular schedule. It is jamming their own broadcast from Pyongyang on 819.

873 KCBS/PBS, Sinuiju have telephone quality audio and you can hear jammer in the background.

882 KCBS Wonsan is distorted and drifting 880-885 kHz.

729, 765, 792 are unheard, probably reduced power and not reaching Japan.

The only good sounding transmitters are:

657 Pyongyang BS from the capital.

720 KCBS Kanggye.

819 KCBS Pyongyang.

855 Pyongyang BS from Sangwon. (Tringer László 8.1.2018 via Ydun's MW Info)

**KOREA (South):** I can confirm that RFA and VOA are now being relayed on 1566 via HLAZ, Jeju, South Korea. RFA is on 1000-1100 and VOA is on 1700-1800. (Bill Whitacre)

**NEW ZEALAND:** Coast Hawkes Bay has vacated 1584 in a swap with Radio Hauraki, with Coast taking on the 99.9 FM frequency. Hauraki format began on 1584 on Monday 22 January. (Brian Withers and BC)

**NORFOLK ISLAND:** Radio Norfolk VL2NI 1566 noted from KiwiSDR site in Bay of Islands NZ on 31 Jan 0751 tune to past 0835 with relay of RNZ National. Service. Heavy adjacent channel splash QRM from a local NZ station on 1557 getting worse after 0800. Folk tune w/female vocalist, African highlife music and at 0758 announcement by woman that RNZI would be closing down and please retune to 9765 KHz. Then followed the familiar Kiwi bird IS until 0800 when time pips and announcement by man "RNZ news at 9" (NZ Summer Time is UTC+13). Then followed a short news and weather bulletin and a feature program that sounded like a talk show of some type. VL2NI relays RNZ National Service (but for some reason this satellite feed uses RNZI ID and IS at 0800) during the local evening hours 1630 to 0700 (0500 to 1930). Darlene Buffet (station manager) confirms the RNZ all-night relay. WRTH says transmitter is 100 watts but other sources say 50 watts – in any case, not a powerhouse! Studio is in the Island Library building in Burnt Pine, near the center of the island. (Bruce Churchill, DXLD)

**PAKISTAN:** 621 Radio Mashaal, Khost is now closed due to hostile agenda. (Ydun's MW Info 21.1.2018) (The transmitter is actually in Afghanistan. bp)

The Central Development Working Party (CDWP) on Monday cleared a total of 24 development projects at an estimated cost of around Rs200 billion. Among them was installation of 100kW Medium Wave Digital Transmitter at Mirpur, AJK, for countering cross-border propaganda, at a cost of Rs143.8m, and rehabilitation of medium wave services for Muzaffarabad Radio Station, AJK, at a cost of Rs160.6m. <https://www.dawn.com/news/1389000>. (mediumwave.info 13/2-2018)

**SAMOA:** Concerns in Samoa over lack of updates on Cyclone Gita

Concerns are being raised in Samoa about the lack of emergency communications and updates during Cyclone Gita. Samoa's Prime Minister, Tuilaepa Sailele Malielegaoi has also voiced his concern, calling for an urgent review of radio stations and transmission masts. He said it was lucky the cyclone was not a major one for the country.

Local journalist, Tuiasau Uelese Petaia, said the main AM radio station in Samoa wasn't working during the cyclone. He said locals wanted to be kept informed about the storm especially when they lost power.

"The main radio station, the AM station that everyone depends on for communication and information during cyclones and natural disasters wasn't working before and during the cyclone, and so people who relied on that didn't get any information," he said.

Tuiasau Uelese Petaia said the FM station in Samoa was still broadcasting but the signal did not reach people in rural parts of Savaii. <https://www.radionz.co.nz/international/pacific-news/350438/concerns-in-samoa-over-lack-of-updates-on-cyclone-gita>.

(RNZ Website via David Ricquish, WRTH Facebook Group 15 Feb)

**SOLOMON ISLANDS:** FORWARDED from NZRDXL's 'dxdialog' on groups.io: Martin Hadlow (in Aussie I think – he has long-time links with Adventist Radio and Pacific stuff) posted this Thurs 11 Jan 2018.

Dear friends, The CEO of the SIBC in Honiara, Ashley Wickham, has clarified the financial situation of the organization and the reasons for taking 1035 off the air. <http://www.sibconline.com.sb/message-to-listeners-and-online-viewers-from-sibc-ceo/>. (via Theo Donnelly)

**EUROPE, AFRICA, AND THE MIDDLE EAST**

**BELGIUM:** 621/1125 Wolfgang Gargitter, Germany has got a QSL from RTBF where it was noted a remark: "The RTBF MW transmitters will be taken out of service as soon as our radio programs will be audible on DAB+." (A-DX 18.1.2018)

The Belgian Télépro Radio and TV magazine confirms that RTBF will cease all MW transmitters before the end of 2018.

(Christian Ghibaudo, WRTH fb 11.1.2018)

**BENIN:** On 1 February 2018, TWR West Africa Transmitter Station (WATS) celebrates ten years of reaching across barriers of darkness, fear and hopelessness in the West African region by spreading the Gospel of Jesus Christ, bringing hope and providing spiritual guidance to the people in this region (Benin, Burkina Faso, Ghana, Ivory Coast, Mali, Niger and Togo). Beside the English broadcasts, the station airs its programs in languages like Hausa, Igbo, Twi, Yoruba, Fongbe, Jula, Bambara, Kanuri, and Lukpa.

At its humble beginnings, the transmitter [rather: building] was built with hand-made cement block bricks by Garth Kennedy and a team of local laborers. Garth, a quantity surveyor by profession initially started working at TWR planning the re-design and expansion of the studio/office building for TWR in Abidjan to replace the studio/office in the home of Abdoulaye and Elizabeth El hadj of Timbuktu. The Kennedy family were the first TWR missionaries to serve at the West Africa Transmitter Station. To see the medium wave transmitter turned on, and hear those first few words being broadcast into an area with more than 190 million people, was something very special to Garth and the team. (<https://www.twrafrica.org/index.php/see/news/616-twr-wats-celebrates-10-years-of-radio-ministry> , via Dr Hansjoerg Biener 13/2-2018 Mediumwave.info)

**DENMARK:** 729 WMR World Music Radio, Copenhagen is now broadcasting on SW 5840 kHz. Stig Hartvig Nielsen is still looking for an area to place the MW-transmitter near Copenhagen. (Stig Hartvig Nielsen 13.1. 2018)

**GERMANY:** New German station Radio Oberfranken has been testing for about a week on 1584 with estimated power between 1 and 5 kilowatts. Heard in northern Germany with SINPO 42433. Anybody have an idea of site? <https://www.youtube.com/watch?v=7hnqrqCPhR8>. (Robert Duebler 14/2-2018 mediumwave.info)

MBR installation (former Deutsche Bundespost, Telekom) Media and Broadcast 153 kHz (155 til 1986) longwave 2-mast DLF Donebach Germany, 500 kW, nighttime 250 kW screened signal towards Brasov Bod-Romania will be exploded, blown up and destroyed forever on Friday March 2nd 2018 between 1200 and 1400 hrs. CET/MEZ, or 1100-1300. Last DLF Cologne broadcast transmission happened on December 31 2014. (Wolfgang Büschel, mediumwave.info 26/2-2018)

**IRAN:** Iran's national broadcaster Voice of the Islamic Republic of Iran [VIRI] was observed with the Voice of Palestine opt-out from their main Arabic Service in progress on 1161 at 1945 on 21 February 2018. It was heard in parallel on 6060 kHz and reception was fair to poor on both frequencies (via a web SDR in Lutsk, Ukraine), with the mediumwave channel battling for dominance with the co-channel Egyptian regional station at Tanta. The programme finished at 2030 and after a couple of minutes of audio from VIRI's main Arabic Service 1161 went off air. There's a full schedule for the broadcaster's MW/SW/satellite 'Arabic Radio' frequencies (though not specifically Voice of Palestine) here: [tinyurl.com/vopiran](http://tinyurl.com/vopiran). (David Kernick, mediumwave.info 22/2-2018)

Very interesting observations. WRTH gives the Qasr-i-Shirin shutoff as 2130 so that earlier closedown is new. Also we have at the same time 1080 opting out of normal Arabic broadcasts to serve Bahrain. This leaves a possibility that the Palestine program could also be carried by 765 (Chahabar) and 1224 (Kish Island). Some further monitoring will be needed to see if 1161 is alone in carrying Voice of Palestine in the evenings. (Dan Goldfarb, WOR io group 22/2-2018)

VOIRI is picked up in Cairo on 1080 and 1224. 1080 is having a co channel of Kan Israel Rashed Dalet.... In Arabic as well. On 1224 heavy QRM from Radio Monte Carlo in Arabic. 1161 is a hard catch due to Central Delta Radio. (Tarek Zeidan, WRTH fb group 22/2-2018)

Via the Karelia Perseus I can say that 765 is in parallel with 1161. Slightly unusual being so far to the East within the country. So if 1930-2030 is Voice of Palestine then no longer on SW only. 1224 was impossible to hear. (Dan Goldfarb (Colchester, England), WOR io group 22/2-2018)

**IRELAND:** The 549 transmitter used for the am outlet of Spirit Radio returned to the air this evening just after 7 pm. Firstly with a strong carrier and then with modulated bursts of music and speech. We look forward to their hasty return to AM, and with a good signal strength. (Dave Angell, MediumWave.Info 10.2.2018)

RTE 1 on 252 KHz LW have a date to close on 30 June 2019. Power using and for some time as many has said that the power is not as good as it used to be, it is at 150 KW (Max), and 60 KW at night, until 2014 power was 300/100 KW, and in the old days of Atlantic 252 power was 500 KW/100 KW. Anyone remember last year it was set to close on 1st May 2017 but with protests to keep 252 was granted and will continue for another 2 years. (Adam Birchenall, MWC fb group 2/2-2018 via mediumwave.info)

**ITALY:** There is a new low powered medium wave station from Italy on 1485: Radio Feltre Stereo. It is broadcasting from the area of Belluno, a city in the North East Italian region of Veneto. A number of Italian MW stations have got their license some months ago. Among them, for example, Free Radio AM from Trieste near the border with Slovenia which in the last days has put into operation a new transmitter with an output up to 2.5 kW. Some others, instead, were not successful in obtaining a license like Challenger Radio on 846 but its owner Maurizio Anselmo has announced an appeal. However it should be also mentioned that despite a large number of licenses was issued, only a few stations have really started broadcasting. This means they risk to lose the license. (Antonello Napolitano, WRTH fb group 5.2.2018)

RTV Radio Treviso, after an absence of more than one year, has reappeared on medium wave on the new frequency of 1602. Formerly they made some test broadcasts on 1476. The station (first heard by Alessandro Groppazzi) announces on the air to have got a license on 14 November 2017 and gives the following contacts: E-mail address: [rtv1602@libero.it](mailto:rtv1602@libero.it) – Phone number: (+39) 333.706.66.99. (Antonello Napolitano in MWC FB group 20/2-2018)

**ROMANIA:** "Antena Satelor" is a full 24h service on 153 kHz long wave – there is no "Actualitati" relay between 22:00 to 06:00 Romanian time. However, the MW frequencies of "Antena Satelor" (531, 603, 630, 2x 1314) are off air during these times. Additional information: Every morning, between 04:53 and 04:55 Romanian time, "Antena Satelor" transmits a 1 kHz test tone. After that, the interval signal of Radio Romania is played several times. You can hear this procedure on LW 153 kHz. (Alexander Busneag, Mediumwave.info 28/2-2018)

"Antena Satelor", 5th national radio network operated by public broadcaster Radio Romania, relay 1st chain "Actualitati" during night between 22 and 6 AM Romanian time. However, this additional broadcast of RR Actualitati is nowhere mentioned neither in MWLIST/MWSCAN nor in EMWG (outdated) and also not on Wikipedia who states Satelor as an own, fulltime network. Antena Satelor broadcasting frequencies: 153 kHz long wave, 531, 630 and 2x 1314 medium wave plus few small FM. (Robert Duebler, mediumwave.info 27/2-2018)

**UKRAINE:** Ukrainian DXer Oleksandr Yehorov informs that the following Ukrainian MW transmitters are silent since February 1st 2018:

657 Chernivtsi UR1  
837 Taraniivka UR1  
1278 Petrivka UR3  
1404 Izmail UR1  
1431 Luch RUI (Radio Ukraine International FB group (19/2-2018) via mediumwave.info)

**UNITED KINGDOM:** Absolute Radio (UK) is wanting to reduce its medium wave coverage across the UK from 90% to 85%. The Bauer station says that continuing to provide 90% population coverage is no longer 'reasonably practicable' and if permission is not granted for the reduction, it would result in Absolute Radio having to close down the entire AM Network. Absolute Radio proposes two steps – the first to reduce the power at 5 major AM sites by 3dB, and step two, to close 12 small AM sites, and thereafter to operate a 20 site network. In a document to Ofcom to support its request, Absolute Radio points out the BBC is closing 13 of its 50 local AM transmitters carrying BBC local radio, and that the radio scene has changed dramatically since the national AM music license was awarded to (Virgin) them 25 years ago. Some of the equipment in use at transmitter sites is also 25 years old and to maintain the network could be commercially unviable. Ofcom is consulting on the proposal and the closing date is 2nd March 2018. <https://radiotoday.co.uk/2018/02/absolute-radio-threatens-am-service-shutdown/>. (Radio Today 9.2.2018 via Mike Terry, MWDX 10.2.2018)

None of the BBC locals have switched off yet – the ones closing are all now playing information loops giving alternative frequencies. According to an FOI response I got from the BBC about BBC Radio Devon on 1458, it will actually switch off week commencing 29th January, so suspect this may apply to all 13 transmitters closing. (Alan Pennington, MWDX 21.1.2018)

The outlet of Radio North from Ulster on 846 is much louder in main land UK since they increased the power to three KW. A nice signal in the evenings here in Leicestershire, but some adjacent channel interference from a transmitter based in Leicester which carries the BBC Asian Network. Radio North should be audible in much of Northern Europe after dark now, as the channel is pretty clear. (Dave Angell, Mediumwave.info 27/2-2018)

## WESTERN HEMISPHERE

**ARGENTINA:** 540 Radio Pasion, Capital Federal (CF53) – W: [am540.com](http://am540.com) (Argentina en AM y FM), 1670 Radio Bethel, Banfield (BA167) is active – E: [betel1670@hotmail.com](mailto:betel1670@hotmail.com) (Argentina en AM y FM)

From Marcelo A Cornachioni, Buenos Aires, Argentina via Argentina en AM y FM. Nómima actualizada de estaciones de Amplitud Modulada de todo el país, que se encontraban operando en Banda Ampliada:

1610 RADIO SANTA FE – (FM SINTONIA) – (Canning, BA)  
1610 RADIO COMUNITARIA REGIONAL (Laboulaye, Córdoba)  
1620 AM 16-20 LA RADIO (Mar del Plata, BA)  
1620 RADIO VIDA "Red de Vida" (Monte Grande, BA)  
1620 RADIO SENTIRES (Parque San Martín, BA)  
1620 RADIO ITALIA (Villa Martelli, BA)  
1630 RADIO UNIDAD (Alejandro Korn, BA) [\*]  
1630 LRI234 AM AMERICA (San José, Entre Ríos)  
1630 AM RESTAURACIÓN (William C Morris, BA)  
1640 RADIO HOSANNA (Isidro Casanova, BA)

1650 RADIO LAS ESTRELLAS (Longchamps, BA)  
1650 LRI227ANTARES AM 1650 (Pilar, BA) [\*]  
1650 RADIO EL MENSAJERO (Rafael Castillo, BA)  
1660 RADIO REVIVIR (Gregorio de Laferrere, BA)  
1660 LRI232 AM CIUDAD DE NOGOYA (Nogoyá, Entre Ríos)  
1670 RADIO BETHEL (Banfield Oeste, BA)  
1690 RADIO CLS – (Cristo la Solución) – (San Justo, BA) [\*]  
1700 LRI236 RADIO FANTASTICO (Tigre, BA) [\*]  
1710 AM SELVA (González Catán, BA) Nota: [\*] Reportada inactiva (via Arctic)

**BOINAIRE:** 800 PJB TWR Bonaire – According to the station there may be slight changes to the schedule, but it should be now like this: 2130-2300 Caribbean 50 kW Spanish; 2300-2400 Caribbean 225 kW English; 0000-0300 Northwest 440 kW Spanish; 0300-0500 Caribbean 225 kW Spanish; 0500-0800 Caribbean 100 kW Spanish; 0800-1000 Brazil 440 kW Portuguese; 1000-1100 Caribbean 225 kW Spanish; 1100-1200 Caribbean 100 kW Spanish; 1200-1230 Caribbean 50 kW Spanish. (Mauno Ritola, ARC)

The newly installed 450-kW-medium wave transmitter for Radio Transmundial [800] was officially taken into use on 30 January as planned. 2018 WRTH shows original 800, 100 kW services were all targeted to South America, on air only 2130-1200, in English, Spanish, Portuguese and two token native languages. CUBA is to be a major target with the increased power, which means during those hours, a much greater signal should be penetrating North America too: bad news for fellow gospel huxter KQCV in Oklahoma City with 1 kW at night, which nevertheless I have managed to hear PJB thru; for CKLW and three other full-power Canadians; XEROK Juárez if it cares, since it's mostly QRP, hardly a cannon – AND dozens of lower power US stations with 1 kW or less at night, most of them in eastern half of USA, notwithstanding CKLW Windsor whose major lobe goes NE/NNE.

IIRC, 800 was originally a daytimer-only frequency for most of them, but now only one, in Arkansas, is D-only, per NRC AM Log listings. However, there has been little if any info from TWR about antenna changes to go with the new extra power. (Glenn Hauser, OK, dxld yg 31/1-2018)

Attached is the legal, notified maximum radiation nighttime pattern for PJB3, Bonaire. This dates from well before the RJ-81 Agreement, and so was grandfathered when that agreement was promulgated. As I noted earlier, this data was taken directly from the ITU database a couple of days ago. (Glenn – I got the software fixed so it would plot this "1 tower augmented" pattern.) <http://www.w4uvh.net/PJB3Patternplot.pdf>. I would not be surprised to see that the new 4 tower parallelogram pattern is consistent with this one, at least in terms of not exceeding its maxima.

This pattern was not subject to the provisions of the NARBAs because those agreements did not apply to most of the Caribbean, or to Central and South America, or (in this case) to Mexico. I also attach a copy of page 1 of the final NARBA (from our library's original edition copy!), showing the limited signatories. viz.: NORTH AMERICAN REGIONAL BROADCASTING AGREEMENT concluded among the Governments of the following countries: Canada, Cuba, Dominican Republic, United Kingdom of Great Britain and Northern Ireland for the Territories in the North American Region (Bahama Islands and Jamaica), and United States of America]

There are lots of other anomalies in the western hemisphere, some with the color of international notification, and some not! Note for example that the later NARBA was agreed to by the UK, but not for all of its Caribbean territories (or Belize, formerly British Honduras).

I thought it would be helpful for you to see the actual polar plot pattern – even with my familiarity with this subject, I find a visual display is often more intuitive than a table of numbers! (Ben Dawson, WA, Feb 7, DX LISTENING DIGEST)

When in doubt, contact the source. I wrote the station and here are the results:

"Hi Pete, Thank you for your interest in hearing the Bonaire TWR transmitter on 800. We commissioned the new 440 kW transmitter last week. While we broadcast to the northwest from 0000 to 0300, our beam is centered on Havana and not on the USA. I would be very surprised if our signal makes it at appreciable strength across the western USA. As the USA is not our ministry focus, the antenna was not optimized for good coverage into the USA.

The station also uses a Caribbean pattern at 225 kW, and a southern pattern is used beaming SE across Venezuela to northern Brazil. The SE pattern transmissions vary in power from 50 to 440 kW depending how far the distance is to the intended audience.

The original tower from the mid-60s was a 5/8 wave compared to the four 3/8 wave towers we have since 1999. The old tower had a lower angle of radiation than the newer ones so we do not expect the same range that was sometimes reported on the old antenna system. Hope that helps. Best regards, Dave Pedersen, TWR Bonaire" (Pete Taylor)

**COLOMBIA:** I have additional finding thru virtual DXpedition on Bonaire: 590 HJCR Volvamos a Dios Radio, Medellín, was heard at 0659 on January 28 with a religious program. ID was given as "Desde la ciudad de Medellín transmite su emisora Volvamos a Dios Radio, HJCR 590 en amplitud modulada, emisora del Movimiento Misionero Mundial, transmitiendo las 24 horas el mensaje de la palabra de Dios." Address may be Carrera 45 # 44-90, Medellín, according to Facebook: <https://www.facebook.com/VolvamosaDios/>. (Tetsuya Hirahara)

1010 "Wepa Je" was heard around 0100 on February 4 with QRM from Radio Aragua "10-10 AM". ID given at 0104 as "Esta es Wepa Je, 1010 en AM, Valenato con caché. Wepa Je, otra emisora Radiópolis." Location presumed as Bogotá, but unidentified. (Tetsuya Hirahara)

1130 Cadena Radial Vida, Bogotá. I heard a notice on Vida Bogotá on 890, saying that "Vida 1130" will move to 890. As of February 3, Radio Vida was still heard on both 890/1130, but it is possible that another station will appear on 1130. "Atención, atención: nos vamos para una mejor frecuencia, con mejor cubrimiento, mejor contenido, mejor señal, mejor sonido. Nuestra radio está siendo transformada para seguir llevando Vida Bogotá. Vida 1130 se traslada a los 890 AM, 890 AM." (Tetsuya Hirahara, Arctic)

Sistema Cardenal is a new network playing Valenato music for Caribbean Colombia. Stations in the chain: 1010 Barranquilla, 1050 Valledupar, 1360 Cartagena and 1580 Sincelejo. ID: "En tu barrio, se oye el Sistema Cardenal": Cra 53 # 74 – 56, Edificio Torre Banco de Occidente, Oficina 905, Barranquilla. E-mail: [coordinadorcomercial@gamezeditores.com](mailto:coordinadorcomercial@gamezeditores.com) <https://www.facebook.com/SistemaCardenal>.

(Fredrik Dourén, ARC, Tetsuya Hirahara and Rafael Rodríguez via Mauno Ritola, WRTH)  
1290 HJOI ConecZión Radio, Sampués (Sincelejo) ex Radio Chacuri. (Henrik Klemetz and Jan Edh, ARC 26.12.2017)

Some notes from a brief visit to Cartagena on 31 January: stations HJVP-620 and HJPX-1470 were silent and are possibly inactive. HJUO-1360 Cartagena now IDs as Sistema Cardenal (generally pronounced as "Carrrrdenallllll" on the air). HJCT-1190 in Barranquilla had a much weaker signal than other Barranquilla stations, and is almost certainly operating well below the listed 10 kW. Maybe 1kw or less, judging from how it sounded. (Bruce Portzer)

**COSTA RICA:** Noted during Caribbean cruise: The daytime radio dial was nearly empty in Limon on 2 February. The only listenable signal was HJMY-910 on San Andres Island, about 150 miles away. The only WRTH-listed Limon station, TIQ-1220, was silent. There were fair-poor signals on 570 670 700 760 800 820 850 and 890 during a brief 8 am bandscan. They were probably from the San Jose area, but I never had time to listen further. (Bruce Portzer)

**CUBA:** CMBY Radio Caribe is temporarily on 530 (via one of the transmitters used for Rebelde at the CTOM "Caribe", Isla de la Juventud) because the 1220 transmitter (CTOM "La Fe-Progreso") burned. The station has been logged at Lemmenjoki on 530 by Jim Solatie. (HK) 1210 CMBD Radio Reloj. CTOM "Las Tunas-Progreso". Reloj has been temporarily moved from 1020 to Rebelde's freq of 1210 due a transmitter failure. (Mauricio Molano via Arctic) (Reloj was confirmed as operating on 1210 while I was on a cruise ship near Cuba early February, I didn't check 530. bp)

Observations on Cuban Radio Networks (excerpted from a much longer article): There is widespread reuse of frequencies in Cuba sometimes by other networks or otherwise with several transmitters all carrying the same network. At no time did I notice the effect of co-channel transmitters – probably because the networks were designed to put mutual interference zones in rural areas. I didn't notice sub-audible heterodynes or perceive audio delay echoes. Perhaps the transmitters and audio feeds are well synchronized.

I did however notice that the received audio varies greatly from transmitter to transmitter. Some transmitters are over-modulated, others under-modulated. And some sound like the audio has come down a sub-3 kHz wide phone line. A few sound really crisp and clear as if they have modern dynamic modulation/compression control.

There were a few instances where one transmitter seemed to swap between networks, or the transmitter was temporarily off air. For example Radio Reloj was absent from 950 in Havana on 8th January though evident after Christmas. Meanwhile in Vinales on Saturday 6th January at mid-day Radio Guama 710 was carrying audio from Rebelde (//670) but with audio delayed at least a second and sounding "thin" as if the audio was fed down a phone line. By 2145 the two stations were carrying separate programming.

Without the flexibility of a hire car I was only able to see a few MW broadcast installations. Those I saw were single vertical masts – presumably omnidirectional. The masts I saw appeared to be under 214m high (assuming Cuba uses the same mast painting regulations as the FAA in the USA). It seems likely that multiple channels were being diplexed. For example, 2 km south of Trinidad on the coastal plain, there are two masts about 1 km apart, both of similar height yet there are five local low power transmitters in use; 610, 850, 970, 1190, and 1280. I couldn't detect any other masts on the skyline. The Tecsun wasn't the tool to determine which signal was coming from which mast and I might have attracted the wrong sort of attention if I had tried to investigate more closely.

The prize for the busiest channel must go to 1180 where a Radio Rebelde transmitter is serving every significant city in Cuba to block reception of VOA from Marathon FL. I didn't hear Marathon because I was in urban areas served by Rebelde. Oddly WRTH lists a couple of other Cuban stations sharing 1180 with Rebelde – how they do that without domestic co-channel interference I don't know. Cuba is well known for its historic architecture, however it was interesting to see Radio Ciudad del Mar in one of the finest buildings in Cienfuegos (see photo gallery). The 1140 transmitter mast was just two blocks further south on the Malecón, in other words overlooking the ocean. (This station omits 1140 from its website listing only 1340 and 1350). (Steve Whitt, Medium Wave Circle)

**CUBA (GUANTANAMO):** AFN-1340 is alive and well. It had a fair-poor daytime signal as we cruised past the northeast corner of Cuba, and local-like by the time we passed the eastern tip of the island on January 29. I never heard it after that. Mid-late morning programming was adult hits //FM sounding live and local, IDing as "102.1, the Eagle". Afternoons were US talk shows with IDs as "The Voice", switching to NPR at 5 pm LT. Audio from a typical ID: [http://qsl.net/n/n7ecj//caribe/AFN-1340\\_2200-29jN%608.mp3](http://qsl.net/n/n7ecj//caribe/AFN-1340_2200-29jN%608.mp3). (Bruce Portzer on a cruise ship)

**ECUADOR:** 990 HCGH1 Radio Tarqui, Quito (PI24) closed down early 2017. (Arctic)



**FALKLAND ISLANDS:** For the first time in my life, I logged FIRS Port Stanley (Puerto Argentino, Malvinas Is.) on 530, at my home in Northern Buenos Aires, today at 0144. Quite affected by the mess on 540 (Radio Nacional Santa Fe clashing with some UnID station) but still managed to listen to some of the English chatter taken from the BBC World Service feed. To be honest I'm surprised this station still exists, considering FM should be enough to cover the island. Does anyone know how much power do they use? ([bionicpanda1@gmail.com](mailto:bionicpanda1@gmail.com) via World of Radio io group, 5 Feb)

**PUERTO RICO:** 1040 WNVJ Moca – silent September 20 2017, back on the air February 3 2018. (NRC DX News 85/11) 1350 WEGA Vega Baja – silent November 20 2017, generator was stolen. (NRC DX News 85/11) 1600 WCMA Bayamón, heard in Finland, so can be added to the stations that are now on the air. (SDXL)

**US VIRGIN ISLANDS:** 970 WSTX St Croix VI v/s Kevin Rames tells that station now runs only daytime news/talk. Nighttime they are calypso and reggae. (Jorma Mäntylä, Arctic)



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

NRC's **Bruce Conti** was kind enough to provide me with links to a few DXpeditions. The following are the complete MW loggings from the **2017 PEI DXpedition** (some loggings have appeared in a previous DXM). The full report also contains FM and SW loggings and is available at <http://www.bamlog.com/2017pedx.htm>. Bruce puts together a fine article... thanks Bruce – pb



**Murray Harbour North, Prince Edward Island, Canada**

### DXers and Equipment

Jean Burnell – Perseus SDR x 2  
Bruce Conti – WinRADIO Excalibur SDR, Sangean HDT-1X (FM)  
Bill Nollman – Elad FDM-S2 SDR x 2

Walter Salmaniw – Perseus SDR x 2  
Brent Taylor – RFSpace SDR-IQ, SDRPlay/Raspberry Pi  
Niel Wolfish – WinRADIO Excalibur SDR

### Antennas

OCT 28-31: 500-ft Beverage south  
OCT 28-31: 1000-ft Beverage at 60°  
OCT 28-NOV 2: 2000-ft Beverage at 100°  
OCT 28-31: Antennacraft APS-13 Yagi and Yaesu G-800DXA rotor (FM)

OCT 31-NOV 1: 1100-ft BOG at 150° NOV 1-2: 1200-ft Beverage at 40°  
NOV 2-3: 1500-ft Beverage at 100°  
NOV 2-3: 1700-ft Beverage at 40°  
OCT 28-NOV 3: Variable termination SuperLoop east/northeast

### Commentaries

#### Brent Taylor – Stratford, Prince Edward Island

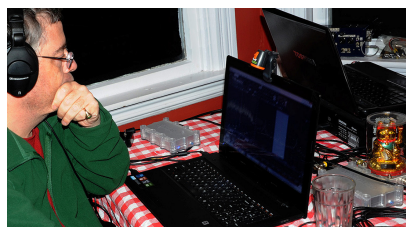
Staging this DXpedition a week earlier than usual brought a better chance at decent weather, and the Gods delivered. It was a great weather week for the group, with temperatures well into the 60's (°F) on a couple of days and no 'dirty' weather, as we call it down here. My work responsibilities prevented me from attending full-time, but I did manage a few evening visits and one overnight near the end of the week.

Niel's memory is better than mine, and I was surprised to see it's now been 15 years since we first met while DXpeditioning on Miscou Island NB. In the ensuing years, we have had many great DX experiences here in Atlantic Canada, and 2017 brought a stellar group of expert antenna, programming and propagation talent together. I enjoyed meeting Bill and Jean for the first time, and really hope they will spend more time with us in the future. Like Bill, I am only beginning to review my MW DX catches on my SDR-IQ. I may be able to generate a few logs in the coming weeks, but for now I'll just leave this musing as a glimpse into the overall experience.

PEI is a special place, especially after the regular tourists have left for the season. It gets nicely quiet, as many attractions and restaurants close in early October, but that still left enough venues for the guys to get sustenance for the week they were here.

The farm house was in good shape, considering it is likely a very old building. I see a building on an old map from the late 1800's that would be right in the same spot as the DX house is today, so I'm guessing it's well over a 100 years old, and maybe 150. The location, first identified by Bruce, is superb. Lots of access to the seashore, with little to no chance of interference from strung antennas and the like. It is sparsely populated, and there are no neighbors within plasma TV range. The environment was quiet, and the DX was reported to be decent, although missing the large swatch of East Asian stations that can make an appearance when everything is just right.

It was a pleasure to see everyone again, and I'm looking forward to the next Listening Waters on PEI.



#### Niel Wolfish – Toronto, Ontario

Another fun and DX-filled week has come and gone. None of it would have been possible without host Brent Taylor procuring the cottage again. As in previous years, I'm sorry that Brent could not actually spend more time with us. Miraculously, we have managed to be able to use "Listening Waters" four times in the past five years without the owner selling the cottage. I hope the owner appreciates that we have improved the property by adding Bill Nollman's concrete blocks (used to support his yagi) to the outdoor fireplace.

Somehow I've managed to attend eight PEI DXpeditions, which were preceded by six DXpeditions on Miscou Island, New Brunswick. It was back in 2002 where I first met Brent Taylor on the first Miscou DXpedition that I attended. I also have managed to sneak in a couple of springtime visits to Louisbourg, Nova Scotia for some DXing. A lot has changed since 2002. I was using an AOR-7030+ back then and there was no such thing as going back and listening to a recording of "2030 UTC on October 29" 6 months after the fact. The dial was chock full of stations from Germany and France. There were still two AM stations on PEI as well more stations than there are

now in New Brunswick and Nova Scotia, all of which would be pests blocking more interesting stations from Latin America and Europe. And in 2002 there was no such thing as being able to check online for web audio to try to see if one was hearing Iran. Not to mention being able to send a reception report to a Europirate and getting a QSL back via email in a matter of minutes.

Getting back to the present, it was a thrill to hear China (1521) on medium wave for the first time. Thank you to Jean for the heads-up on that one. When Walt and I decided to try and embellish the 60° antenna by adding 500 feet that had been removed from the 100° antenna, it did not help us log China on subsequent evenings. Perhaps the seaweed on the extra 500 feet of wire did not help?

Probably the only disappointment of the entire week was that the favoured lunch spot in nearby Montague (The Juice Box) had been replaced by a less-than stellar Captain's Cove Seafood. We actually found an interesting place in the metropolis of Murray Harbour (not to be confused with Murray Harbour North or Murray River). The #5 Cafe, run by a gentleman from Wellington, New Zealand. Unfortunately, two lunches there did not enhance our chances of hearing any Down Under DX.

As always, it was a pleasure to DX again with Brent, Bruce and Walt. And it was nice to reacquaint myself with Jean after a few decades. Jean would make for a handy resource on any DXpedition. And it was great to meet finally Bill Nollman, who now has a greater appreciation of the CRTC Canadian Content rules and the going price of a bag of potatoes sold by fundraising amateur hockey clubs.

#### Bill Nollman – Farmington, Connecticut

After a few years of reading about various MW DXpeditions I got the bug to join the PEI event this year and was happy to find out there was one more seat available. I've done summer FM DX trips for 20+ years with a small group of close friends but wasn't sure what to expect being 'the new guy' and never having met anyone besides over email. I asked if the group wouldn't mind my DXing FM and happily received the groups blessing. All I had to do was get there.

I quickly rejected flying as it was expensive, lengthy and would seriously limit what DX gear I could bring. With the decision to





drive, this trip started to take on the familiar complexity of my summer FM DX trips. Downloading Canadian FM lists, assembling antennas, tripod, coax, staying up late planning and waking up early not able to sleep. The trip up was easy enough, leaving central Connecticut Friday morning before rush hour and staying the night with friends in Saint John, NB. Up early Saturday morning for a stop in Charlottetown, PE at Home Depot for cinder blocks, Tim Hortons and to buy a \$5 bag of potatoes from the local Bantam hockey kids.

Arriving at Listening Waters at 11:30 am. I found Bruce had already run 1000-ft of wire and was ready for DX. I had the SUV emptied out when Brent and his son arrived and really enjoyed setting up the FM antenna with fall foliage, mid-50's temps and an amazing view of the ocean. Connecting my SDR to my laptop and antenna resulted in terrible noise all over the MW dial which by some miracle abruptly stopped and never returned. FM DX on Saturday night was rather ordinary but the Hepburn tropo forecast maps promised decent conditions Sunday night into Monday morning with the approaching heavy rain and high wind storm. Still it was fun to be listening to signals (and songs) that I haven't heard from CT in decades and a dial completely void of HD sidebands, few strong signals and so very quiet! DX Sunday night started off slow but the fun started after 9 p.m. with coastal Maine coming up out to about 325 miles followed by some more Northerly Quebec signals and finally what I really wanted – Newfoundland stations out to about 475 miles. As everyone else retired around midnight the FM DX was going strong and I pulled an almost-all-nighter until around 4:30 a.m. when the DX ended like a switch was flipped. I could hear the winds howling outside so I took the FM antenna down in the dark before grabbing a few hours of sleep.

I really enjoyed the trips out to lunch, the walks out to inspect or improve the antennas, the impromptu chats in the kitchen over tea and help setting up and taking down the FM antenna. My only regret is that being focused on FM I didn't DX MW live and enjoy the expertise and great personalities in the room as much as I could have. So far I've edited about 60% of the FM captures and hope to get through the rest in a few weeks. After that I have 30 hours of single frequency FM IDs from the drive up and back to edit and then, finally I hope to dive into the 3 nights of MW captures. I don't expect to dig out some of the incredible catches that everyone else did but look forward to hearing the easy ones like the UK, Spain and France as even from home those are a challenge. If I'm lucky enough to attend next year I'll have to focus more on MW.

**Bruce Conti – Nashua, New Hampshire**

This was my seventh DXpedition to Prince Edward Island. The amount of CPU horsepower on display rivaled the amount of expertise at this DXpedition. As Island and Miscou DXpedition historian Niel Wolfish eluded, the technological advances are astounding since this all started in 2002. It was great to have Jean Burnell of the legendary Newfoundland DXpeditions join us; the last time we met was at the fateful April 2006 Newfoundland DXpedition. Nice to have first-timer Bill Nollman aboard to demonstrate hardcore FM broadcast DXing, a DXpedition first, while capturing terabytes of FM spectrum. DXpedition host Brent Taylor setup his SDRplay with a Raspberry Pi mini-computer and allowed us to take it for a spin; perhaps a glimpse into the future of SDR technology for portable DXpeditioning. Walt Salmaniw enhanced the DXpedition experience with short wave, a laser focus on Ukraine MW frequencies, and east/west cultural exchange; but the traditional exchange of footwear was a surprise, hi!



A Japanese maneki-neko, aka Chinese good luck cat, stood guard over our antenna connections. The cat was beckoning transpacific signals, while at the same time Nick Hall-Patch was DXpeditioning in Japan for Canadian Maritimes radio stations. After the first couple nights without any transpacific activity here, the 60° Beverage was redirected to 150° for tropical reception and possible 'over-the-shoulder' transpacific DX. Still no luck. So the next day, the 150° Beverage was redirected to 40° for India. That afternoon, we went to the Number 5 restaurant in Murray Harbour for lunch, where a rather large maneki-neko just happened to be sitting inside. Coincidence? Well, the 40° Beverage didn't bring us India, but it did haul in 1521 China that evening.

**Nick Hall-Patch – Victoria, British Columbia**

TP or not TP? I think I'll have to say "not TP" in spite of yeoman efforts here in Japan... but I haven't heard any shrieks of glee from PEI either. Three different listening spots in Japan, four different antennas over the time you were there at PEI. I've been doing the grand tour for sure... On 29 Oct UTC, Yahiko near Niigata, on the Sea of Japan with three Japanese friends, and a junior version of a DKaz aimed north... the idea was to block western North America signals leaving only the ones from eastern Canada and the USA. The outskirts of a typhoon ripped up one of the poles of the antenna overnight... but don't think we heard anything from your area, certainly nothing live on any of my targets.

Then Utoro on my own, on the Sea of Okhotsk, same idea, land mass of Shiretoko Peninsula blocking western America, leaving only the east (coming in from the north; confused yet?). Lovely site there using an ALA100 looking north over the ocean from a cliff. Tried both evening and morning local time, aiming for sunset and sunrise in the Maritimes, 1 and 2 Nov UTC. If anything, just weak carriers... but I could listen to 850 KICY in a hotel room using only a C.Crane Skywave Ultralight. Really strong. Apparently not unusual in Japan.

Then finally Kiritappu, also on Hokkaido, on the Pacific this time, Nov 3 UTC, with another Japanese DXer. 200-m BOG at 30°, and a junior DKaz with FLG100 in a similar direction, evening and morning local time. Speculation about carriers again.

Still, the company was good; food, drink and scenery were delightful. To heck with the DX, or lack of it. Well, I have heard São Tome and Argentina since coming here... hardly a lack of DX, just not what I was looking for.

**Jean Burnell – Halifax, Nova Scotia**

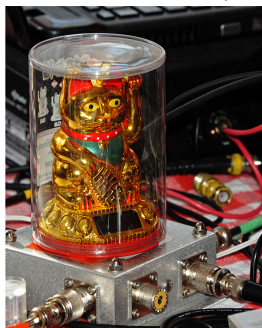
This was my first DX experience in PEI. The gentle landscape is a contrast to my usual, rugged DXpedition site at Cappahayden, Newfoundland. While many of the 'regular' trans-Atlantic stations audible in PEI are the same as in Newfoundland, PEI has additional challenges. In PEI the fade-in times for trans-Atlantic stations are later, and interference from North American stations is generally stronger, which makes DX from Latin America trickier. However, it is a huge advantage to have decent access to the internet in PEI! I even scored an e-QSL from a SW station while still DXing.



In terms of DX, the highlight was catching Radio Santa Rosa (nominal 1500) from Peru with IDs, but what I will remember longest was meeting the other DXpedition participants. The last time I had DXed with Bruce was in Newfoundland in 2006. I had just shaken hands with Neil and Walter decades ago, and I had the pleasure of meeting Brent and Bill for the first time. It was fascinating to see Bill's FM DX setup, and I must mention that Bruce's bottle of Rocky Peak "Hard Cinnamon" was an unexpected hit.

**Walt Salmaniw – Victoria, British Columbia**

1. Nicest weather yet (of my 3 attendances, that is).
2. Nicest group of guys one could hope for! Things were pretty tight for the first few days, but man, despite being almost outnumbered by Americans, everyone acted very Canadian! Super polite and helpful!
3. A new tradition: The exchange of footwear. I woke up Thursday morning with Bruce already on the road, and wearing my hiking shoes! As I had no other footwear, I was forced to wear his very speedy runners for the rest of the week, and all the way home. First thing my wife noticed about me (She really missed me ;-)) was, "Who's shoes are those?!" Hopefully the shoes are being returned this way soon!
4. The DX was pretty routine without too many really exotic stations, without a lot of digging. Good thing is the pleasure of not having to wake up at 4:00 a.m. to DX, like we often have to on the west coast. I quickly got used to the 3:00 or 4:00 p.m. start to DXing! Very civilized.
5. I was very impressed with how well and quiet Brent's Flag antenna performed! Also, this was the only decent SW antenna we had, and as I do some SW DXing, a must for future DXpeditions. Also very useful for SW parallel frequencies.
6. The flies this year were the least problematic, and I loved the little improvements in the house. The basement, though, is scary!
7. Despite bringing some Halloween trick or treats for the kids, none came on Halloween night. A disappointment! Looking forward to next or future PEI DXpeditions, and as always, thanks for the invite!



Good luck cat watches over the RF connections, the antenna farm at dawn, and the celebratory hard cinnamon.

TRANS-ATLANTIC DX

- 549 **ALGERIA** *Jil FM*, Sidi Hamadouche OCT 31 0458 – Good; choral marching band national anthem, extended length over 4 minutes, //531. [Conti]  
 558 **IRAN** *IRIB Radio Iran*, Azarshahr/Geshlagh OCT 31 2030 – Under Spain; chimes and anthem, //711, 1035, 1071, etc. [Conti]  
 576 **CANARY ISLANDS** *RNE1 Las Palmas* NOV 1 2158 – Good, over *RNE5* Barcelona; telephone talk, 2200 "24 Horas, en Radio Nacional de España, Miguel Ángel Domínguez." [Conti]  
**SPAIN** *RNE5* Barcelona NOV 1 2158 – Under *RNE1* Canary Islands; excited fútbol game call. [Conti]  
 585 **TUNISIA** *RTT Gafsa* NOV 3 2149 – In booming with Arabic music-female vocal, //630 and 684. Over Spain. [Wolfish]  
 594 **SAUDI ARABIA** *SBC Radio Riyadh*, Duba OCT 30 0245 – Fair; Koran //1440 and 1512. [Conti]  
 595 **MOROCCO** *SNRT* Oujda OCT 30 2158 – Good; vocal //612 and 936. [Conti]  
 +NOV 3 0257 – Relatively strong carrier, but weak modulation in obvious Arabic, but can't make much else out. Considerable adjacent 590 splatter. This was using the 100° wire, which was shortened by 500-ft or so, in order to add to the 40° BOG/Beverage. [Salmaniwi]  
 603 **ROMANIA** *Radio România Actualitati*, Botosani/Oradea NOV 3 0200 – Usual 'hora exacta' ID by man and news by woman. [Wolfish]  
 612 **MOROCCO** *SNRT* Sebba-Aioun NOV 3 0304 – Before the hour, on the 100° Beverage/BOG, I was mostly hearing RNE, but with an Arabic co-channel. After the hour, Morocco really picked up, although modulation is a little on the low side. Thanks to Niel Wolfish's expertise, I was able to //to much weaker 595. I had hoped to use 207, but that was absent on this wire, and Iceland on the 40° BOG/Beverage, and 612 was absent on that wire as well! [Salmaniwi]  
 630 **PORTUGAL** *RDP Antena 1*, Montemor-o Velho/Miranda do Douro NOV 1 2200 – Good, over Tunisia; sports talk continued through RDP time pips, //666. [Conti]  
**TUNISIA** *RTT* Tunis NOV 3 0259 – Presumably them, at pretty strong level. Niel tells me that this is the usual station heard here. Extended time pips at top of the hour into Arabic news. It didn't sound at all like my clip on 963 from several years ago. Noticed at 0258 that there was a 1 kHz tone for 10 or 15 seconds. Wonder whether that came from Saudi Arabia, but, Niel correctly points out the interval signal for *TRT* just after 0258, although weakly for me, followed by the national anthem. Top of the hour sure sounded Arabic, though. [Salmaniwi]  
**TURKEY** *TRT* Mersen-Kazanli NOV 3 0259 – Test tones and interval signal //891. [Wolfish]  
 657 **ITALY** *RAI Radiouno*, Pisa OCT 29 2259 – Over Spain; orchestral national anthem, data burst, marker and time check, "Rai, Radiouno" into news. [Conti]  
 675 **QATAR** *QMC Radio Qatar*, Al Arish OCT 30 2200 – Good; signature instrumental with whistling, "Idhaat Qatar" ID. [Conti]  
**SAUDI ARABIA** *SBC Radio Riyadh*, Afifi/Abha NOV 3 0301 – Two stations co-channel, and neither very strong. I can hear the rapid fire Saudi news items, //1467, but the other station, often dominant, I think is Qatar. [Salmaniwi]  
 677.5 **LIBYA** *Libya al-Wataniya*, Benghazi NOV 1 0101 – Fair; canned *Libya al-Wataniya* ID by a woman. [Conti]  
 +NOV 2 2145 – Parked on 675 for a while, when I noticed that there was another transmitter just 2 kHz higher. It's Libya, I'm assuming, and exactly on 677, and not 677.5. Mild splatter but otherwise pretty strong reception. Very strong when rechecked at 0301. [Salmaniwi]  
 702 **ALGERIA** *Radio Algérienne*, Laghouat OCT 28 2100 – Good, over Saudi Arabia; time marker and news with emphasis music //1422.  
 +NOV 1 2301 – Poor; under UnID Arabic; marching band choral national anthem //1422. [Conti]  
**IRAN** *IRIB World Service*, Kishahr NOV 2 0100 – Poor, through Saudi Arabia; choral national anthem, then Koran. [Conti]  
**SAUDI ARABIA** *SBC Radio Jeddah*, Bisha/Duba OCT 29 2100 – Good; fanfare and woman with reverb, SBC emphasis music. At 2200 woman with reverb, SBC emphasis music. [Conti]  
 711 **IRAN** *IRIB Radio Ahwaz*, Ahwaz OCT 29 2030 – Good; three chimes, announcement, then soft segue into anthem //1071. Offset frequency measured 711.019. [Conti]  
**ROMANIA** *Radio România Actualitati*, Sighetu Marmatiei NOV 1 2000 – Poor; "Hora exacta" and time marker into news. [Conti]  
**SPAIN** *COPE Murcia* OCT 30 0458 – Fair, fading to poor; news and sports headlines, "Cope, la ultima hora en la mañana, Cope, estar informado," //837. [Conti]  
 711.1 **WESTERN SAHARA** *SNRT* Laâyoune OCT 28 2100 – Presumed this having a het party with 710.999 *COPE* Spain and 711.019 *IRIB* Iran. Offset frequency measured 711.12. [Conti]  
 +NOV 3 0302 – A highly tentative logging. A tough channel with lots of adjacent splatter. What I hear is grouped male Arabic chanting (Koran?). Was unable to hear anything besides. Could be Yemen, or Iran, or Egypt, too, for that matter. [Salmaniwi]  
 720 **PORTUGAL** *RDP Antena 1* synchros OCT 31 2100 – Over Canary Islands; excited fútbol play by play //666. [Conti]  
 738 **SPAIN** *RNE1* Barcelona NOV 3 0300 – Fair reception with lots of splatter, but obvious fanfare and RNE ID at 0300, and //729, too. [Salmaniwi]  
 747 **CANARY ISLANDS/SPAIN** *RNE5* synchros NOV 3 0300 – Fair reception but would be quite strong except for slop from adjacent channel. Presumed Las Palmas, but there's a 10 kW sender in Cadiz, co-channel. [Salmaniwi]  
 756 **IRAN** *IRIB Radio Iran*, Shahr-e Kord OCT 29 2030 – Under UnID; three chimes marking the hour, //1071. [Conti]  
**ROMANIA** *Radio România Actualitati*, Lugoj NOV 1 2000 – Fair; "Radio România Actualitati, hora exacta," and time marker into news. [Conti]  
**UNITED KINGDOM** *BBC Radio 4*, Redruth OCT 30 2300 – Good, over UnID Koran; time marker, "BBC news at 11 o'clock." [Conti]  
 +NOV 3 0300 – A messy frequency and nothing until after the hour, where I could easily hear BBC news, and confirmed //198, making this one *BBC Radio 4* via Redruth, in South-west England, as opposed to *BBC Radio Cumbria*. [Salmaniwi]  
 774v **EGYPT** *ERTU Middle East Radio*, Abis OCT 29 2353 – Often very nice programming if one can tune above the nominal frequency. Measured quite a bit on the high side at 774.171, //on-line feed found at [www.egradio.eg](http://www.egradio.eg) and click the 'middle east' audio link. Almost all music, and at good levels at times.  
 +NOV 3 0300 – Measuring 168 Hz above the nominal. Fair at times. All Koranic type chants. [Salmaniwi]  
**SPAIN** *RNE1* synchros NOV 3 0300 – A bit of a tough catch with Egypt on the upper side, off frequency causing some grief. ID at top of the hour. [Salmaniwi]  
 792 **SPAIN** *SER Radio Sevilla*, Sevilla NOV 3 0157 – Several "Radio Sevilla" station promos before ToH pips and newscast. [Wolfish]  
 810 **MACEDONIA** *Makedonsko Radio*, Sveti Nikole OCT 28 2000 – Fair, over Spain; time marker and ID, "Makedonsko Radio..."  
 +NOV 2 0000 – Under Scotland; choral national anthem. [Conti]  
**SCOTLAND** *BBC Radio Scotland*, Burghhead/Westerglen/Redmoss NOV 3 0259 – Very powerful reception with BBC 5 Live, rather than listed BBCWS here. Sounds like Spain is co-channel, plus an echo as well, but Scotland dominated totally on the hour. Two transmitters listed for the BBC of 100 kW, and one at 5 kW. Gets out very well! [Salmaniwi]  
 +NOV 2 0000 – Good, over Macedonia; presenter, "...news, sport, and weather, here on BBC Radio Scotland," canned ID, "92 to 95 FM, eight-one-oh medium wave, and on digital radio, BBC Radio Scotland," and midnight time check into news. [Conti]  
 819 **EGYPT** *ERTU* Batrah OCT 28 2000 – Fair; Big Ben chimes.  
 +OCT 30 2100 – Good; Big Ben chimes. [Conti]  
 828 **AZORES** *RDP Açores/Antena 1*, Monte das Cruzes OCT 30 2200 – Poor; RDP pips and news intro music, news in Portuguese, //666 *RDP Antena 1*.  
 +OCT 31 2025 – Fair; excited fútbol play by play //666. [Conti]  
 837 **IRAN** *IRIB Radio Esfahan*, Esfahan OCT 29 2030 – Under Spain; three chimes and anthem //1071. [Conti]  
**SPAIN** *COPE Sevilla* OCT 31 0559 – Good; promos, "La ultima hora... Cope, estar informado," ID, "98.4 y 99.6 FM, en onda media 837, Cope Sevilla," time marker, "La ultima hora en la mañana, Cope, estar informado." [Conti]  
 846 **IRAN** *IRIB Radio Tabriz*, Mianeh NOV 1 2359 – Poor; vocal with flute accompaniment //1026. [Conti]  
 864 **EGYPT** *ERTU Al-Kuran al-Karim*, Santah NOV 3 2239 – Very strong reception with Koranic recitations. RNE is just audible co-channel. Thanks to Brent Taylor, our host, for pointing them out. [Salmaniwi]  
 882 **UNITED KINGDOM** *BBC Radio Wales*, Washford/Penmon/Tywyn/Forden OCT 30 2200 – Over *COPE* Spain; "On FM, medium wave, on digital radio, online and on your mobile, this is BBC Radio Wales." [Conti]  
 891 **IRAN** *IRIB Radio Dena*, Dehdasht/Yasuj OCT 31 2030 – Fair; three chimes marking the hour, choral anthem. [Conti]  
**TURKEY** *TRT* Antalya OCT 30 0258 – Fair; multiple cycles of interval signal and choral national anthem.  
 +NOV 1 0259 – Fair; interval signals and choral national anthem. Anthem also heard on 954 but no interval signals. [Conti]  
 900 **IRAN** *IRIB Radio Iran*, Tehran OCT 29 2030 – Under Italy; anthem, three chimes marking the hour, //1071. [Conti]  
**SPAIN** *Radio Popular*, Bilbao OCT 28 2058 – Through *COPE* and *Rai Radiouno*; "En Radio Popular..." [Conti]  
**SPAIN** *COPE Granada* OCT 28 2059 – The dominant *COPE* over *Rai Radiouno*; promo ending "...a niña Granada," then echoing with *COPE* Vigo. [Conti]



قناة ليبيا الوطنية





- 909 **ROMANIA** *Radio România Actualități*, Timisoara OCT 29 0258 – Under BBC5; choral national anthem.  
+NOV 1 0000 – Under BBC5; time marker and fanfare into news, //1179. [Conti]
- 917 **NIGERIA** *Radio Gotel*, Yola OCT 30 0358 – Open carrier, then loud 1 kHz test tone for 90 seconds 'til the TOH. Apparent sign-on as 917 wasn't observed earlier. [Conti]  
+OCT 30 2213 – Surprising how powerful things are this afternoon! Yola is stronger than adjacent 918 with fast paced music, but not immediately identifiable as African! Some fades and some static crashes tonight. I've been listening for the last 20 minutes, and it's the same genre music, and no announcements. Not the most exciting programming, I'm afraid! Continued listening, and they did not have a single announcement right up to pulling the plug at 2259:30. Besides a 'blip' a few seconds later, they were gone. [Salmaniwi]
- 918 **SPAIN** *Radio Inter*, Madrid OCT 30 0000 – Good; time marker, "Esta es La Inter." No sign of 917 Nigeria at this time. [Conti]
- 936 **IRAN** *IRIB Radio Iran*, Fesanduz OCT 29 2030 – Over UnID; three chimes, announcement, and vocal anthem //1071. [Conti]  
**MOROCCO** *SNRT Agadir* OCT 30 2158 – Under Iran, mixed with Spain; vocal //595 and 612. [Conti]
- 945 **IRAN** *IRIB Radio Iran*, Dehghan/Sirjan OCT 29 2030 – Over/under UnID; three chimes, announcement by woman mentioned Iran, then vocal anthem //1071. [Conti]  
**IRAN** *IRIB Radio Kordestan*, Dehghan NOV 2 0000 – Rising to good level; Koran //1476.26. [Conti]  
**ROMANIA** *Radio România Actualități*, Miercurea-Ciuc OCT 30 0258 – Fair; choral national anthem //1152. [Conti]  
**SAUDI ARABIA** *SBC Radio Riyadh*, Ha'il NOV 1 2100 – Fair; news intro music, man reading news with stingers between items, //1521. [Conti]  
**UNITED KINGDOM** *Smooth Radio*, Bexhill-on-Sea OCT 28 2101 – Over Saudi Arabia and others; end of news update, "This is Smooth Radio," //1557. [Conti]
- 954 **CZECH REPUBLIC** *Český rozhlas Dvojka*, Dobrochov/Ceské Budejovice/Karlovy Vary NOV 1 2031 – Good; over Spain; "Český rozhlas Dvojka" and country music. [Conti]  
**SPAIN** *Onda Cero*, Madrid OCT 30 2059 – Good; "Esta es la onda media de Onda Cero, nueve cinco cuatro, Madrid," and promos, "Onda Cero, tu radio." [Conti]  
**TURKEY** *TRT Trabzon* OCT 30 0258 – Fair; choral national anthem in progress at tune-in, while interval signals were heard on 891. At 0300 news now //891.  
+NOV 1 0259 – Poor, under Spain; choral national anthem. A couple cycles of interval signal prior to anthem on 891, but no interval signals heard here on 954. **MWList.org** has 954 listed as inactive. [Conti]
- 963 **CYPRUS** *CyBC Nicosia* NOV 1 2100 – Fair, over Tunisia and UnID; proto program ID and flute music theme same as Interval Signals Online, time marker and ID (sounded like CBC) into news. [Conti]  
**TUNISIA** *RTT Radio Tunis Chaîne Internationale*, Tunis/Djedeida OCT 29 0105 – Playing John Lennon, and then into some French. One of the stronger signals tonight, which, otherwise is not really yielding too much of interest. [Salmaniwi]  
+OCT 30 0500 – Good; pop vocal fades to instrumental national anthem without announcement, then "Good Morning Show" and talk in French. [Conti]
- 972 **ETHIOPIA** *EBC Robe* OCT 31 2100 – Poor, through Spain; choral national anthem //1044. [Conti]  
**IRAN** *IRIB Radio Ilam*, Ilam OCT 29 2030 – Over/under Spain; three chimes, announcement, and choral anthem //1071.  
+OCT 31 2030 – Under Spain; chimes and anthem. [Conti]
- 981 **ALGERIA** *Chaîne 2*, Ouled Fayet NOV 2 2158 – Very good reception, and confirmed //webstream at [www.radioalgerie.dz/chaîne2](http://www.radioalgerie.dz/chaîne2). Time pips and into news on the hour. Not heard on listed 693 (on **MWList.org**). All Arabic.  
+NOV 3 2247 – Very strong at this time, and //www.radioalgerie.dz/player/fr/live/chaîne-2. In Berber (or Tamazight). Not a language I recognized! To my ear, kind of a mixture of Arabic and French. Co-channel is another Arab sounding station. [Salmaniwi]
- 990 **SPAIN** *SER Radio Bilbao*, Bilbo-Bilbao OCT 31 0159 – Under CBY; "Radio Bilbao, y Radio Bilbao..." [Conti]
- 999 **IRAN** *IRIB Radio Kordestan*, Baneh OCT 29 2030 – Under Spain; three chimes, announcement and vocal anthem //1071. [Conti]  
**MOLDOVA** *TWR Grigoriopol* NOV 1 2000 – Over/under Spain; woman mentions "TWR" a couple of times in otherwise Ukrainian announcement, no interval signal. [Conti]  
**SPAIN** *COPE Madrid* OCT 28 2100 – Good; the *COPE* music bed with a quick "Cope Madrid" up to time marker and checks into "Ultima Hora en Cope." [Conti]
- 1017 **SPAIN** *RNE5 Burgos/Granada* NOV 1 1959 – Out of Radiohead's "Burn the Witch" into usual time pips and ID. [Wolfish]
- 1026 **IRAN** *IRIB Radio Tabriz*, Azarshahr OCT 29 2030 – Fair, over/under Spain; three chimes and vocal anthem //1071.  
+NOV 1 2030 – Under Spain; three chimes and announcement, then choral anthem. [Conti]
- 1035 **ESTONIA** *Radio Eli*, Tartu NOV 1 2000 – Poor, under *Lyca Dilse Radio*; one cycle of TWR interval signal. [Conti]  
+NOV 2 2122 – Talk by man in Russian. Matches webstream. Poor with *Lyca Dilse Radio*. [Wolfish]  
**IRAN** *IRIB Radio Yazd*, Yazd OCT 29 2030 – Poor; choral anthem //1071.  
+OCT 31 2030 – Poor; three chimes and choral anthem. [Conti]  
**UNITED KINGDOM** *Lyca Dilse Radio*, London NOV 1 2055 – Spot for a travel agent, Bollywood music. [Wolfish]
- 1044 **ETHIOPIA** *EBC Mekele* OCT 31 2100 – Poor, under Spain; bits of choral national anthem, //972. [Conti]  
**SPAIN** *SER Radio San Sebastián*, San Sebastián OCT 29 2258 – Good; ad for Mundo Deportivo, promo, "...en Radio San Sebastián." [Conti]  
+NOV 2 0655 – Newscast. ID: "Radio San Sebastián, Cadena Ser." [Wolfish]
- 1053 **LIBYA** *Radio Libya al-Wataniya*, Tripoli OCT 30 1959 – Good; promo/ID, "...wataniya." [Conti]  
**ROMANIA** *Radio Iasi*, Iasi OCT 30 2000 – Poor, under Libya; sign-off test tone. [Conti]
- 1062 **ITALY** *Rai Radiouno*, Cagliari OCT 29 2259 – Fair; orchestral national anthem into sign-off routine. [Conti]  
**ITALY** *Rai Radiouno*, Ancona/Catania OCT 29 2300 – Under Cagliari sign-off; "Rai Radiouno" and news in Italian //657. [Conti]
- 1071 **EGYPT** *ERTU Al-Kebar*, Abu Za'bal-Cairo OCT 30 0258 – Over Saudi Arabia and UnID; signing on with test tone, Big Ben chimes on the hour, and *Al-Kebar* ID with flourish.  
+NOV 2 0300 – Fair; sign-on with Big Ben chimes. [Conti]  
**IRAN** *IRIB Radio Maaref*, Qom OCT 29 2029 – Over Saudi Arabia; national anthem, then three-note chimes followed by a vocal anthem. Found //711, 837, 900, 936, 945, 972, 999, 1026, 1035, 1197 and 1512, as stations apparently switched from local to national network at 2030. [Conti]  
**SAUDI ARABIA** *SBC Radio Riyadh*, Bisha OCT 29 2020 – Over Iran; talk and music //1521. At 2100, SBC news attention signals through Iran. [Conti]  
**SAUDI ARABIA** *SBC Radio Jeddah*, Dammam NOV 2 0100 – Good; news with SBC stingers between items, //702. [Conti]
- 1098 **ITALY** *Rai Radiouno*, Roma NOV 2 0000 – Databurst breaking through Spain. [Conti]
- 1107 **UNITED KINGDOM** *TalkSport* synchros NOV 1 2357 – Under Spain; *TalkSport* promo and ads //1089. [Conti]
- 1116 **HUNGARY** *MR Dankó Rádió*, Miskolc/Mosonmagyaróvár OCT 30 0500 – Under Spain; ethnic instrumental and deep-voiced announcement up to bells marking the hour and news. [Conti]  
**SPAIN** *SER Radio Pontevedra*, Pontevedra OCT 31 0159 – Good; quick "Radio Pontevedra" cutoff by network ad/promo string.  
+NOV 1 2358 – Over co-channel *SER Radio Albacete*; "Radio Pontevedra... Radio Pontevedra." [Conti]
- 1125 **BELGIUM** *RTBF VivaCité*, Houdeng OCT 29 2057 – Before the hour, music into French, most definitely. At weak level, but by top of the hour and after, Spain, which has five RNE Radio 5 sites. I'm pleased to tease out some French from an otherwise Spanish dominated channel. [Salmaniwi]
- 1134 **KUWAIT** *Radio Kuwait*, Kabd NOV 1 2000 – Under Spain with anthem. [Wolfish]  
+NOV 1 2100 – Under Spain; time marker and fanfare, same as Arabic main program Interval Signals Online. Brent initially caught this while enjoying the fútbol game on *COPE*. [Conti]  
**SPAIN** *COPE Navarra*, Pamplona NOV 1 2159 – Fair; a quick "Cope Navarra" in promo string, no mention of frequencies. [Conti]
- 1152 **ROMANIA** *Radio România Actualități*, Cluj OCT 30 0258 – Over/under Spain; choral national anthem, "Hora exacta," and time marker. [Conti]  
**SCOTLAND** *Clyde 2*, Glasgow OCT 31 0700 – Fair, over Spain; ad string, "Wren, the UK's number one kitchen retail specialist," and ID, "This is Clyde 2..." [Conti]
- 1161 **EGYPT** *ERTU Mid-Delta Radio*, Tanta OCT 30 0400 – Poor; sign-on with test tone up to the hour.  
+NOV 2 0358 – Fair; test tone until 0401 Big Ben chimes. [Conti]
- 1170 **SLOVENIA** *Radio Capodistria*, Beli Kriz OCT 28 2101 – Good; presenter, "Buonasera... Radio Capodistria..." [Conti]  
+OCT 29 2100 – Excellent reception just after 2100. No time pips or ID at the hour. At about :45 sec past the hour, they clearly say, 'Classic Rock Italia'. 45 seconds later either Abu Dhabi or Iran come to dominate, equally strong with regional instrumental music. [Salmaniwi]  
**UNITED ARAB EMIRATES** *Abu Dhabi FM*, Al-Dhabbaya NOV 3 0140 – Clearly //www.adradio.ae/abudhabiradio/# with Koranic sounding chanting. Fighting it out with domestic(s) and probably *Radio Capodistria* in Slovenia. Good at times. [Salmaniwi]





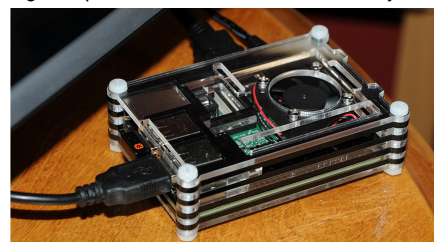
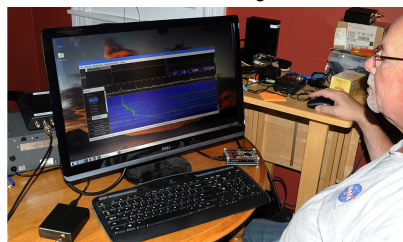
- 1179 **ROMANIA** *Radio România Actualitati*, Galbeni/Bacau OCT 29 2100 – Excellent reception, well over Spain with clear ID at 2104:40. Just after mentioning Mike Tyson. Two transmitters are listed here with 10, and 400 kW. Presumably the latter at Galbeni transmitter site. The 3 *SER* transmitters are quite strong as well, co-channel. [Salmaniw]  
+OCT 30 0258 – Over/under *SER*; choral national anthem //1152. [Conti]
- 1188 **HUNGARY** *MR4 Marcali/Szolnok* OCT 31 0700 – Jazz vocal prior to the hour, 10 seconds of test tone, announcement and music into news. Received every morning of the DXpedition at this time with the same test tone and music into news, this morning the best signal although not very listenable due to heavy splatter from 1180 *Radio Rebelde* Cuba. [Conti]  
**IRAN** *IRIB Radio Payam*, Tehran OCT 29 2059 – Excellent reception with nice ID for Radio Payam, mentioning 'FM' as well as 'AM'. Very similar to an ID I recorded during last year's DXpedition here! [Salmaniw]
- 1197 **IRAN** *IRIB Radio Ardabil*, Moghan OCT 29 2030 – Poor; vocal anthem //1071. [Conti]  
**ROMANIA** *Radio Targu Mures*, Brasov OCT 31 2000 – Under/over *Absolute Radio*; sign-off with test tone. [Conti]  
**UNITED KINGDOM** *Absolute Radio* synchros OCT 29 2059 – The dominant, though weak, station on this channel, but became a lot stronger past the hour. 9 stations between 0.2 and 2 kW are listed on this channel from *Absolute Radio*, so not a bad catch! No echo evident, so they're synced well, it seems. Oops, spoke to soon. By 2105, obvious echo noted. [Salmaniw]
- 1206 **ISRAEL** *KAN Bet*, Haifa OCT 28 1930 – Fair; klezmer instrumental. Lost to Mozambique. [Conti]  
+OCT 29 2059 – Mentions of 'Yerusalem' several times in Hebrew. Time pips on the hour, but I could not make out any positive ID there. Faded, then much better again by 2104. Lots of mentions of 'Iran' during this portion, presumably news on Iran. [Salmaniw]  
**MOZAMBIQUE** *Radio Moçambique*, Inhambane OCT 28 2202 – Fair; alternating between telephone talk and African highlife, on the hour instrumental music bed and announcement in fast Portuguese.  
+OCT 30 2201 – Through UnID operatic vocal; a capella choral national anthem. [Conti]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros OCT 29 2058 – Excellent reception with ad for DAB (prices from 99 UKP!), and other ads. Don't miss the film everyone's talking about, 'The Death of Stalin'. 14 transmitters are listed here, between 1 and 200 kW. Always a powerful frequency. Short *Absolute Radio* ID at 2101. Despite the strength, it's also easy to hear the *COPE* transmitters from Spain. [Salmaniw]  
+OCT 30 0652 – Def Leppard's "Animal". Spots and ID. Was hoping they would play something by Harlequin or April Wine. Spain audible underneath. [Wolfish]
- 1224 **IRAN** *IRIB World Service*, Kish NOV 2 0110 – Phone interview with man in Arabic. Matches webstream. [Wolfish]  
**SPAIN** *COPE* synchros OCT 29 2059 – A messy frequency with multiple stations spread about 120 Hz across the channel. *COPE* dominates with a 'silly ball game', with 5 stations listed between 2 and 10 kW. A clearly Middle Eastern station is also co-channel (someone has a buzzy transmitter), where I see 2 IRIB transmitters of 50 and 400 kW. A frequency where I could spend a lot of time trying to decipher! [Salmaniw]  
**SPAIN** *COPE* Lugo NOV 1 2159 – Good; "88.9 FM, 1224 onda media, Cope Lugo." [Conti]
- 1233 **CZECH REPUBLIC** *Radio Dechovka* synchros OCT 29 2100 – Heh, the same kind of music that I heard late last night! Sure enough at 2100, they ID, several times as *Radio Dechovka* in Czech, and then back into the same type of, what I call, Oompa music! Fair reception.  
+OCT 30 0310 – We were all hoping for some Africans, but not much luck at this late hour. Confirmed this station by their online audio. Five transmitter sites listed between 0.5 and 10 kW. Almost Oompa type music noted. Fair, almost good at times. [Salmaniw]
- 1242 **UNITED KINGDOM** *Absolute Radio* synchros OCT 29 2058 – Another frequency with *Absolute Radio*, which lists 4 transmitters between 0.5 and 2 kW. Not in exact sync, causing an echo effect. Same ad for DAB radio kits. Poor to fair reception. But there may be someone else there as well. I can hear whistling at 2100, not present on 1215. I wonder about *Smooth Radio* from Werburgh/Arqiva with 0.32 kW? My suspicion. But, I also heard some whistling at the same time on 1278, much stronger as soon as Ukraine signed off, so maybe more likely IRIB Iran in Zanjan with 50 kW. [Salmaniw]
- 1260 **SAUDI ARABIA** *SBC Radio Riyadh*, Dammam OCT 28 2100 – Under *SER* Spain; news intro and SBC stingers between items. [Conti]  
**SPAIN** *SER* Murcia/Algeciras OCT 29 2058 – Two *SER* stations listed here with 25 kW (Murcia) and 5 kW (Algeciras/Carretera a Cadiz) with football play by play, mostly dominating the frequency, but sometimes fading away, allowing domestic CKHJ Fredericton with 10,000 watts to take over with C&W music. An ID from the latter, but barely audible. 20 mm of rain mentioned, which cinched the Canadian station. [Salmaniw]
- 1278 **IRAN** *IRIB Radio Kermanshah*, Kermanshah NOV 1 2030 – Over/under Ukraine; three chimes and announcement. [Conti]  
**UKRAINE** *Radio Ukraine International*, Odesa-Kurisove OCT 29 2058 – Russian service to Crimea and //much stronger 1431. Clearly heard as they were shutting down giving their website ('NRC (U?) tochka (dot) UA). Fair to almost good. Transmitter cut before the hour, being replaced by some whistling, which I'm sure is Iran (*IRIB Radio Kermanshah* with 200 kW). Yes, //1377 at 2102 but not 864. [Salmaniw]
- 1287 **SPAIN** *SER* Burgos/Leida/Lugo OCT 29 2058 – Same programming I've hearing all over the dial with presumed football, play by play. Three *SER* stations listed here with either 5 or 10 kW. Good at times. Another co-channel is present as well. Time pips on the hour from ? Too weak to make out who it might be. There is a male speaker co-channel. I see both IRIB Radio Fars, but would they play time pips at top of the hour? Also *Voice of Hope*, Israel with 50 (max 100 kW) and *Antena 1* from Portugal with 2 kW. UK stations are too weak to be in contention. [Salmaniw]
- 1296 **SPAIN** *COPE* Valencia OCT 31 0559 – Over *Radio XL*; "92.0 y 93.4 FM, en onda media 1296, Cope Valencia." [Conti]  
**SUDAN** *SRTC* Reiba NOV 1 2100 – Fading up over Spain; time marker, musical flourish, and woman with mentions of Sudan. At 2200 several cycles of Omdurman interval signal. [Conti]  
**UNITED KINGDOM** *Radio XL*, Birmingham OCT 29 2100 – Subcontinental music left me scrambling who this might be. A jingle ID solved the problem at 2102, with 'Radio XL'. Sure enough similar genre music last year. Good reception at times, but other times, battling it out with both *COPE* Valencia (50 kW) and IRIB. [Salmaniw]
- 1305 **SPAIN** *RNE5* synchros OCT 29 2058 – Very good reception with RNE ID after time pips. Another co-channel was heard weakly underneath, and presumed the station about 100 Hz on the high side, which I'm assuming to be the Iranian, *IRIB Radio Bushehr*? Causes a het/hum. RNE has 4 transmitters listed here, of either 25 or 10 kW. [Salmaniw]
- 1314 **SPAIN** *RNE5* synchros OCT 29 2058 – Another RNE frequency at good level, but again with a het arising from some off frequencies. The RNE transmitters are not exactly in sync, causing some echoing. I note the main carriers 11 and 18 Hz below the nominal, and other ? carriers 100 Hz low, and 81 Hz high. A messy frequency. Radio Cinco IDs at 2058. I'm unable to hear any other stations co-channel. Three transmitters listed for *RNE5* here, between 10 and 25 kW. [Salmaniw]
- 1323 **UNITED KINGDOM** *Smooth Radio*, Brighton/Southwick OCT 29 2058 – Almost certainly *Smooth Radio*. Weak, but clearly in English. Faded up just before the hour. No one else noted on channel. A bit too weak for a 100% ID, though. Stronger by 2102, but back down again shortly after, before rising again by 2105. Mostly easy listening vocals. I checked the following day at the same time, and confirm a much stronger *Smooth Radio* //to a powerful 1557. [Salmaniw]
- 1332 **IRAN** *Radio Tehran*, Tehran OCT 29 2058 – Very strong signal occupying the frequency is from Iran, but before the hour, someone was playing Kansas 'Dust in the Wind'. Many mentions of Iran after the hour. Checked the same time on the 30th, and confirmed that the other station is *Radio România Actualitati* with 50 kW from Galati. Sure enough, when I checked for parallels for Romania with this song, I could hear many: 720, 855, 909, 1422 and 1593 weakly, and 756, 1179, 1458, and 1530 all strong! [Salmaniw]
- 1341 **NORTHERN IRELAND** *BBC Radio Ulster*, Lisnagarvey OCT 28 1944 – Strong with Ulster vs Leinster rugby. [Wolfish]  
+OCT 30 2100 – Excellent reception into news, starting with local news, and then international. Some nice IDs. Co-channels are almost non-existent, although after the hour, I could just make them out, likely Spain. Could not hear the listed //873 on either the 29th or 30th. The co-channel is most definitely Spain with football play by play easily heard on the 29th. [Salmaniw]  
+OCT 31 1900 – Good; "On 92 to 95 FM, and 1341 medium wave, this is BBC Radio Ulster," and news, "BBC news at 7 o'clock." [Conti]
- 1350 **SPAIN** *Onda Cero*, Ciudad Real/Almeria OCT 30 2100 – Under *BBC Radio Ulster*; "Onda Cero, la ultima" over piano music bed, //954. [Conti]  
**EGYPT** *ERTU Al-Barnameg al-Aam*, Al-Qusayr OCT 30 2058 – Tentative logging with an Arabic speaking male having a conversation, but faded down before the hour revealing only WRNY Rome NY. Very good while it lasted. Did not note this the previous day, Oct 29th when all that was heard was CKAD Middleton, NS with 1000 w. [Salmaniw]  
+OCT 30 2100 – Under WINY and UnID; Big Ben chimes. [Conti]
- 1359 **ETHIOPIA** *Voice of the Tigray Revolution*, Mekele NOV 1 1920 – Fair; repetitive African vocal with strings and drum //5950. [Conti]  
+NOV 1 1923 – Finally some African action. Thanks for my DXpedition mate, and African expert, Bruce Conti for pointing this out to me, and very early, too! Best on the new 40° Beverage, although well heard as well on the 100° Beverage and NE Flag! Horn of Africa music, and 'thumping' drumming. And, bonus: it's on short wave 5950, just a bit stronger. Before 2000, 1359 was stronger than the short wave parallel. Nice to get some African reception! [Salmaniw]



- 1359c **UNITED KINGDOM** *Free Radio '80s*, Coventry/Shilton OCT 30 2100 – I'm pleased by this logging, and a big thank you to the Real DX yahoo group. Both Franck Baste F4LKC and Paul Logan confirmed that the ID after the time pips is this station, rather than *Smooth Radio* or *BBC Radio Solent*. [Salmaniw]
- UNITED KINGDOM** *Smooth Radio*, Chelmsford/Cardiff OCT 30 2102 – Two transmitters are listed for *Smooth Radio*. The first at Chelmsford/Baker's Wood running 0.28 kW and the other in Cardiff running 0.2 kW, so both very low powered. Confirmed //1557. I could not quite make out the ID at 2100. Thanks to Niel Wolfish for helping with the detective work to confirm this. Good reception. [Salmaniw]
- 1368 **ISLE OF MAN** *Manx Radio*, Foxdale-Douglas OCT 29 2057 – Nice reception going into a commercial/paid program. IDed beforehand. Next day, stronger reception, but with an obvious co-channel. They are separated by 33 Hz (with the co-channel being on the lower side). Perhaps Iran or one of the other UK stations? [Salmaniw]
- +OCT 30 0656 – "Kiss Me" by Stephen Duffy. Commercial for a furniture store. ToH ID and 7 o'clock news read by a woman. [Wolfish]
- +NOV 2 0600 – Good; "Broadcasting from Foxdale on AM 1368, Carnane on 97.2 FM, Jurby on 103.7 FM, and from the summit of Snaefell on 89 FM, and worldwide online, established 1964, this is the Isle of Man's national broadcast service, Manx Radio," and news, "Sky news center at six...." [Conti]
- 1377 **ARMENIA** *TWR Gavar* OCT 29 2100 – Puzzled me on the 30th, so I went back to the 29th and reception was clearer. They clearly gave a website address after top of the hour, clearly, and finally, a *TWR* interval signal about 2101:35. Not sure who is way off frequency, but there are 3 on the waterfall; nominal frequency, someone 10 Hz high, and another 48 Hz low. Pretty decent reception! Bill Whitacre mentions pop music being almost certainly, *Radio Free Africa*, with 50 kW out of Mwanza, Tanzania. Thanks, Bill! [Salmaniw]
- +OCT 31 2100 – Fair; inspirational music continued through ToH, late ID with URL, then at 2102 one cycle of *TWR* interval signal.
- +NOV 1 1930 – Fair, over UnID; announced "[www.dota.net](http://www.dota.net)" in Farsi, which is the website for 'Discipleship training On The Air'. [Conti]
- 1376.92 **IRAN** *IRIB Radio Iran*, Chah Bahar/Paveh OCT 30 2030 – One of the two IRIB stations with an offset below nominal in the 1377 cluster; three chimes and choral anthem. [Conti]
- 1386 **LITHUANIA** *Radio Liberty*, Viesintos OCT 29 2037 – Very good signal with perfect modulation via the new Nautel NX-200 transmitter and new site. Listed in Belarussian, but I had thought it sounded more Russian. At 2057 *Radio Liberty* ending its program in Belarussian, and into Russian at 2100, with 'Dvaychat (20) chasov, Govorit Radio Svoboda'. Very good level. Nothing that resembles any local ID. They own the frequency. The next day, at the same time, it was exclusively in Russian. Stronger, too. There is someone else co-channel. Fairly low modulation. I'm guessing, most likely Egypt (1 and 10 kW). Confirmed in Belarussian when rechecked at 0319. [Salmaniw]
- 1404 **ROMANIA** *Radio România Actualitati*, Sibiu OCT 29 2102 – Not an easy channel (nor 1395) due to 1400 splatter, but wasn't 100% sure this was Romania, but on the 30th, confirmed parallel to other Actualitati frequencies. Fair to occasionally good with adjacent splatter, and news, in presumed Romanian. Confirmed by Allesandro, in Trieste, Italy via Real DX. Thanks! [Salmaniw]
- +OCT 30 0258 – Poor; choral national anthem. [Conti]
- ROMANIA** *Radio Cluj*, Sighetu Marmatiei OCT 30 2000 – Poor; sign-off announcement and brief test tone. [Conti]
- 1413 **MOLDOVA** *Vesti FM*, Grigoriopol OCT 30 2102 – Very long choral Russian anthem, not quite as strong as *RNE5* (with  3 transmitters listed at 10, 12 and 25 kW). From 2100:20 until 2303:30, followed by rapid tones (like I hear with Avtoradio 531 from Petropavlosk Kamchatka), and into news (of course!). [Salmaniw]
- +OCT 30 2200 – Under Spain; touchtone sound effects and news in Russian. [Conti]
- SPAIN** *RNE5* *synchros* OCT 31 0859 – Good; "Radio Cinco, todo noticias," time marker, "Son las diez, las nueve Canarias," and news, "Radio Nacional de España, servicios informativos." [Conti]
- 1422 **ALGERIA** *Radio Algérienne*, Algiers OCT 29 2057 – I'm assuming this to be Algeria, due to the strength. Time pips at top of the hour. Both men and women announcers. Too 'western' to be Saudi Arabia, also listed. Less likely, Egypt, rounds out the possibilities. [Salmaniw]
- +NOV 1 2300 – Excellent; canned announcement by a woman over dramatic music leading up to the hour, time marker, and marching band choral national anthem. [Conti]
- ROMANIA** *Radio România Actualitati*, Olanesti OCT 29 2358 – Algeria (presumed) faded down long enough for the Romanian ID and time pips on the hour, before the Arabic station regained prominence. [Salmaniw]
- 1431 **DJIBOUTI** *Radio Sawa*, Arta OCT 29 2100 – Very seamless transition from a totally dominating *Radio Ukraine International* in Russian with 800 kW from Mykolaiv/Luch signing off before the hour, and into the very musically minded Sawa from Djibouti. Both strong today. The next day, they were both present before the hour. I can't see both transmitters on the waterfall, so they must be on the nominal frequency. Both strong before top of the hour, with the edge to Ukraine. Nice ID for *Radio Sawa* at 2145 at very good levels at time, into presumed news highlights in Arabic. Quickly faded down again. I was watching this frequency at 2100 at Ukrainian Radio sign-off, but they simply cut the transmitter after a little dead air, leaving Sawa to dominate. [Salmaniw]
- +OCT 31 2000 – Good; "Sawa Chat" promo, contemporary hit music. [Conti]
- UKRAINE** *Radio Ukraine International*, Mykolajiv-Lutch OCT 29 2000 – ID, "Radio... Ukraine," with URL. [Conti]
- +OCT 29 2058 – Very strong reception of their international service to Russia, in Russian with sign-off announcements (announcing //1278 and satellite coordinates). Transmitter cut without any other fanfare besides music at 2059:50, immediately dominated by *Radio Sawa*, Djibouti. 1278 also heard (100 kW/Odessa-Kurisove, previously named Petrivka), but much weaker. [Salmaniw]
- 1440 **SAUDI ARABIA** *SBC Radio Riyadh*, Ras al-Khair OCT 29 1858 – Poor to fair; Middle Eastern orchestra vocal //1521. At 2100 good; news //1521. [Conti]
- +OCT 30 2057 – Almost certainly them at good level with modern sounding Arabic. At top of the hour, 'Arabiyah Saudi' mentioned, I think. Then into news, with highlights, followed by short stingers after each item. //weaker 1449. [Salmaniw]
- +NOV 3 0158 – Over WRED; man in Arabic. [Wolfish]
- 1449 **SAUDI ARABIA** *SBC Radio Riyadh*, Bahrah OCT 30 2200 – Fair; Middle Eastern music to 3/4 time (like a waltz) //1440 and 1521. [Conti]
- UNITED KINGDOM** *BBC Radio 4*, Aberdeen OCT 30 2003 – Co-channel Saudi Arabia, but dominated, though weakly. I was able to //them to 198. Fair level at best, before fading back to Saudi Arabia. [Salmaniw]
- 1458 **ROMANIA** *Radio România Actualitati*, Constanta OCT 29 0258 – Over/under *Lyca radio*; choral national anthem. [Conti]
- +NOV 3 2004 – Though this channel was totally dominated by UK stations, especially *Lyca Radio*, at 2003, I could hear non-English, confirmed Romania and //1530 which was under *VOA*. Fair at best. [Salmaniw]
- UNITED KINGDOM** *Lyca Radio*, Brookmans Park OCT 30 2058 – Oh, the pain! I'm hearing multiple UK stations here. Strong, but it's a mess to decipher! It's clearly modern South Asian music, but fades down before top of the hour. Then I hear mentions of BBC, and into news. Not sure whether the dominant newscast is still *Lyca Radio* or not, or BBC (or *Gold*). Submitted to RealDX for suggestions. [Salmaniw]
- +NOV 1 0000 – Fair; "1458 AM, online, on digital radio, and on the mobile... on Lyca Radio," and news, "From the Sky news center." [Conti]
- UNITED KINGDOM** *BBC Asian Network*, Birmingham OCT 30 2100 – ID, and many thanks to Tony Magon for spotting it amongst the several UK stations co-channel! [Salmaniw]
- UNITED KINGDOM** *BBC Radio Devon*, Whitehaven OCT 29 2058 – Confirmed //BBC *Radio Cumbria* frequency of 756. I'm pleased with this station on a very congested frequency. By 2059, *Lyca Radio* comes back to dominate with at 2059:30. [Salmaniw]
- UNITED KINGDOM** *Gold*, Ashton Moss OCT 28 2100 – Over/under *Lyca Radio* and Romania; "The greatest hits of all time," and *Gold* jingle into news, "From Global's newsroom...." [Conti]
- +NOV 2 0653 – "Gold More Music Breakfast Show" and spots. [Wolfish]
- 1467 **FRANCE** *TWR Roumoules* NOV 1 2133 – Very strong signal in Arabic, and needing to use the bandwidth to notch out on the high side, where Iran (Qom) is way on the high side. No issue, though. IRIB measures above 366 Hz, compared to 1467.000 for *TWR*. Pleasant programming and music, and remained very strong throughout. *TWR* interval signal a few seconds before 2145. [Salmaniw]
- SAUDI ARABIA** *SBC Radio Riyadh*, Hafar al-Batin OCT 29 2300 – Fair, het on high side from Iran offset; rapid news with SBC stingers between items, //1440 and 1449. [Conti]
- 1467.363 **IRAN** *IRIB Radio Qom*, Qom OCT 31 2030 – Good, loud het against 1467 Saudi Arabia; three chimes marking the hour, then choral anthem. [Conti]
- 1476 **EGYPT** *ERTU Janub Sa'id Misr* (South Upper Egypt Radio), Sohag or *Shamal Sa'id Misr* (North Upper Egypt Radio), Al Minya OCT 31 2000 – Good; sign-off with announcement by woman and choral national anthem. [Conti]
- 1476.26 **IRAN** *IRIB Radio Kordestan*, Marivan NOV 1 2358 – Het against UnID 1476; announcement and Koran //945. [Conti]
- 1485 **SPAIN** *SER Radio Zamora*, Zamora NOV 1 2358 – Fair, over *BBC Radio Merseyside*; quick "Radio Zamora" then echoing with co-channel *SER*. [Conti]
- UNITED KINGDOM** *BBC Radio Merseyside*, Wallasey NOV 1 2359 – Fading over *SER* Spain; "We Are Family" by Sister Sledge, female presenter mentions *BBC Radio Merseyside* into "Tequila" by The Champs. [Conti]
- 1503 **SPAIN** *RNE5* *La Línea de Concepción/Piñeira* OCT 30 0400 – Good, with synchro echo; "En Radio Cinco, todo noticias," marker and time checks, "En las Mañanas de Radio Nacional, España a las Seis, Alfredo Menéndez." Nearly a second of delay between the two stations. [Conti]
- 1512 **GREECE** *ERA* *Khanía* OCT 29 0358 – Fair; Greek vocal, "You are listening to the Voice of Greece," and flute music up to instrumental national anthem on the hour. [Conti]



- 1512 **IRAN** *IRIB Radio Ardabil*, Ardabil OCT 29 2030 – Under Saudi Arabia; three-note chimes and vocal anthem //1071. [Conti]
- 1521 **CHINA** *CRI Urumqi* NOV 1 2340 – First noticed Chinese classical music on occasional fades with Spain and UnID Koranic vocal (not parallel other Saudi frequencies) through 1520 WWKB splatter. Chinese classical orchestra music continued up to the hour. At 0000, time marker, *CRI* interval signal and announcement in Chinese and Russian. Listen to <http://www.bamlog.com/1521cri.mp3>. [Conti]
- +NOV 2 0000 – Chinese classical music, interval signal, ID in Chinese by woman then Russian ID by man and woman. Under Spain. Still audible at 0044 with woman in Russian with an even better signal. [Wolfish]
- +NOV 2 0056 – Over/under Spain; Chinese orchestra music through time marker on the hour, then announcer with continuation of Russian program as listed in the Pacific Asian Log. [Conti]
- SPAIN** *SER Radio Castellón*, Ctra Valencia NOV 1 2358 – Several "Radio Castellón" and "Radio Castellón Cadena Ser" IDs noted while waiting for China. [Wolfish]
- 1530 **ROMANIA** *Radio România Actualitati*, Radauti OCT 29 2206 – Good reception with ID in Romanian. Wondered who might be there while VOA São Tome is absent (and locals, and Iran).
- +OCT 31 2259 – A bit of a mish mash on this channel. The dominant appears to be the Romanian station, while there was a weaker BBC station (BBC Essex?), as well as a domestic ESPN. Local music, and mentions of Romania at 2310. Sometimes up to good level. [Salmaniw]
- ROMANIA** *Radio Constanta*, Nufaru NOV 2 0359 – Under VOA São Tome; choral national anthem. [Conti]
- SÃO TOME** *VOA Pinheira* OCT 28 2155 – Upfaded over WCKY Cincinnati with man talking about Justin Timberlake performing at the Super Bowl, followed by a song by Pink. [Wolfish]
- +OCT 29 0400 – Good; "From Washington, this is VOA news."
- +OCT 30 2200 – Over WVBF; "This is the Voice of America, Washington DC, signing off. For information regarding the times and frequencies of VOA programs, write to Program Schedule, Voice of America, Washington DC 20547, or you may get a schedule from the nearest American cultural center or United States information service in your country." [Conti]
- UNITED KINGDOM** *Pulse 2*, Huddersfield NOV 2 0655 – End of Curtis Mayfield song, ID by man, commercials. [Wolfish]
- 1539 **SPAIN** *SER Elche/Manresa* OCT 29 2209 – Echoes heard here at very good level. MWlist showing two *SER* stations co-channel, and they do mention the echo as well. Replay of sports event. A player named Hamilton is mentioned, but also México. [Salmaniw]
- SPAIN** *SER Radio Elche*, Elche OCT 29 1934 – Fair; promo, "...Radio Elche punto com." At 2259, same promo, "...Radio Elche punto com," time marker, then "En la cadena Ser," now with echo from co-channel *SER Radio Manresa*. [Conti]
- 1548 **MOLDOVA** *TWR Grigoriopol* OCT 31 2000 – Good; preaching through the hour, then an inspirational vocal, at 2014 one cycle of *TWR* interval signal, hallelujah song into next program.
- +NOV 1 1930 – Good; one cycle of interval signal and woman introducing Romani program. [Conti]
- +NOV 3 2015 – *TWR* interval signal and program in presumed Hungarian. [Wolfish]
- SCOTLAND** *Forth 2*, Edinburgh NOV 2 0100 – Good, over *Gold*; "Forth 2, the latest news for Edinburgh, The Lothians, and Fife." [Conti]
- UNITED KINGDOM** *Gold*, Ashton Moss OCT 30 0652 – ID by presenter Tony Dibbin, "Gold, the greatest hits of all time," before going into Gilbert O'Sullivan's "Get Down". [Wolfish]
- 1550 **ALGERIA** *National Radio of the Saharan Arab Democratic Republic*, Rabouni NOV 1 2100 – Good; contemporary north African vocal leading up to the hour, presumed a canned ID with fanfare, time pips at 2101, woman mentions "a democratia." [Conti]
- 1557 **UNITED KINGDOM** *BBC Radio Lancashire*, Oxcliffe OCT 30 0500 – Poor; 5 o'clock news on BBC Five Live. [Conti]
- UNITED KINGDOM** *Smooth*, Northampton/Southampton NOV 1 2333 – Poor with Dionne Warwick's "Walk On By", ID and Wham's "Careless Whisper". [Wolfish]
- 1566 **BENIN** *TWR Parakou* OCT 28 2141 – Strong with woman in French. Man gave website address at 2150. [Wolfish]
- GREECE** UnID NOV 1 2359 – Greek music audible under BBC. *Radio Apithanos* or *Radio Asteras*? [Wolfish]
- NETHERLANDS** *Vahon Hindustani Radio*, Haag NOV 2 0100 – Fair, over UK; announcement with *Vahon Hindustani Radio* ID, subcontinental Indian vocals. [Conti]
- UNITED KINGDOM** *BBC Somerset*, Taunton NOV 1 2359 – David Bowie's "Let's Dance". BBC news by woman at ToH. [Wolfish]
- +NOV 3 2257 – Fair to good reception; a private sounding station with modern easy listening music. Mentions of BBC. On AM, FM and digital ID at top of the hour into BBC news. [Salmaniw]
- 1575 **ITALY** *Rai Radiouno*, Genova OCT 30 0658 – Over *SER* station with data burst sound, pips, ID and news read by a man. [Wolfish]
- +OCT 31 2027 – Strong reception with long list of transmissions/channels. Marred by a loud buzz which has been present the entire DXpedition co-channel. Yesterday, it was most definitely a jammer with a distinct shape on the Perseus waterfall. Today it's just a loud buzz, presumably the Iranian noise jammer, but also heard is co-channel talk. By 2030, the Italian station dominates easily, and it's obvious it's simply a loop transmission! Same loop is also noted on 1062 only (3 stations listed at 6, 20 and 60 kW). Not on 900 Milan, which has live programming. [Salmaniw]
- UNITED ARAB EMIRATES** *Radio Farda*, Al Dhabiya NOV 2 0100 – Over Iran jammer; *Radio Farda* ID and contemporary music. [Conti]
- 1584 **ITALY** *Radio Studio X*, Momigno OCT 28 2100 – Fair, over Spain; canned "Radio Studio X," presenter in Italian, techno pop music. [Conti]
- SPAIN** *SER Radio Ourense*, Ourense OCT 29 2259 – Fair; promo, "Radio Ourense Cadena Ser, Radio Ourense punto com." [Conti]
- 1593 **FRANCE** *Bretagne 5*, Saint-Gouéno NOV 1 2200 – Fair; time marker, quick "Bretagne Cinq" ID, musical signature and another Bretagne Cinq ID. [Conti]
- ROMANIA** *Radio România Actualitati*, Ion Corvin OCT 30 0258 – Good; choral national anthem, "Hora exacta" and time marker //1152.
- +NOV 2 0100 – Over UnID classical piano music; "Radio România Actualitati, hora exacta," and time marker into news. [Conti]
- ROMANIA** *Radio Cluj*, Oradea/Sibiu OCT 29 2000 – Sign-off test tone.
- +OCT 31 2000 – Fair, mixed with *Radio România Actualitati* and UnID; sign-off test tone. [Conti]
- 1602 **SUDAN** *South Kordofan State Radio*, Kadugli OCT 29 1958 – Horn of Africa chanting, low modulation talk, then national anthem to 2000 sign-off. [Salmaniw]
- +NOV 1 1958 – Under Spain; Koran through ToH, anthem after 2001. [Conti] Thanks to Nick Hall-Patch for the tip from his reception made in Japan!
- 1625 **NETHERLANDS** *Radio Pandora* NOV 1 0000 – Poor; polka music. Initially guessed it was *Radio Blauwe Vogel* per recent reports although *Radio Napoleon* also reported on 1625.0. Feedback from European DXer Jari Lehtinen, "This was in fact Radio Pandora, I listened to it for some time, got ID. A station known for very late transmissions." See additional feedback at 1645.82. [Conti]
- 1638 **NETHERLANDS** *Bluebird* OCT 29 2327 – I'm quite certain this is the Dutch Euroirate *Bluebird*. Very good at times, but then fades deeply. Identical programming to last year, and my first DXpedition to PEI several years ago. Oompa-pa music and lots of rambling talk, in presumed Dutch. [Salmaniw]
- 1645.82 **NETHERLANDS** UnID OCT 31 2337 – Fair; "Ob-la-di Ob-la-da (Life Goes On)" by the Beatles, "Have You Ever Seen the Rain?" by CCR. Initially presumed *Radio Vrolijke Mijnwerker* per various internet listings. European DXer Jari Lehtinen replied, "Unsure. It didn't ID and I didn't bother. It felt like Vatje (Studio 69) or Raafje (Witte Raaf), speaker wasn't Mijnwerker. Old loggings give mostly zero clue anymore. Most stations have nowadays DDS oscillator that tunes in 1 kHz steps anywhere on band." [Conti]
- 1655.02 **NETHERLANDS** UnID NOV 1 2040 – Briefly good on fade in; club/dance/techno/polka music mix. [Conti]
- 1656 **SPAIN** Cabo de Penas EAC Chipiona Radio OCT 31 2015 – Good reception with marine navigational warnings, English, alternating with Spanish. This station is located in the central north coast of Spain. [Salmaniw]
- 1710 **GREECE** UnID OCT 31 2154 – Greek (?) guy playing parts of male vocal and talking. Did not have the patience to sit through this. [Wolfish]
- +OCT 31 2207 – Presumably a Greek pirate with nice Greek vocal at good level. Dead air, and into another similar genre music. Typical deep fades found with these pirates. [Salmaniw]
- 1720 **UnID** NOV 2 0100 – Continuous 1 kHz test tone through the hour. Can't imagine a pirate would broadcast a tone. Maybe Russia? [Conti]



Raspberry Pi with SDRPlay demonstration.



PAN AMERICAN DX

- 530 **CUBA** *Radio Enciclopedia*, La Habana-Villa María OCT 29 0500 – Good; "Transmite CMBQ Radio Enciclopedia, desde la Habana, Cuba," and time check, "Esta es la hora en Cuba, la una." [Conti]
- 540 **COLOMBIA** HJKA *Radio Auténtica*, Bogotá OCT 29 0257 – Religious song, 0500:35 ID, beginning religious programme "Caminando con Cristo"; poor. [Burnell]
- 550 **COLOMBIA** HJHF *Radio Nacional de Colombia*, Marinilla NOV 2 0200 – Fair; "Desde Colombia, 98.3 FM, Radio Nacional, de Colombia," //a weak 570. [Conti]
- PUERTO RICO** WPAB Ponce OCT 29 0001 – 0000:45 ID, ad, "La Puertorriqueña" slogan before time, another ad; fair with interference from Mundial. [Burnell]
- VENEZUELA** YVKE *Mundial*, Caracas OCT 31 0958 – Over WGR Buffalo with commercial for a lawyer, talk by male announcer. [Wolfish]
- +NOV 2 0859 – Good; network affiliates, "A través de Mundial Zulia 1070 AM, 102.1 FM, Mundial Margarita 1020 AM, 92.9 FM, Mundial Mérida 1040 AM, 106.3 FM, Mundial Táchira 94.5 FM, Mundial Valencia 89.9 FM, y Mundial Barinas 1340 AM... Radio Mundial." [Conti]
- 580 **PUERTO RICO** WKAQ San Juan OCT 31 1000 – ToH ID with string of stations and URL mentioned. Over CFRA Ottawa. [Wolfish]
- +NOV 2 0900 – Good; tropical nostalgia, "Amanecer 580, por WKAQ" and another nostalgic vocal. [Conti]
- 600 **CUBA** *Radio Rebelde*, San Germán-Urbano Noris NOV 2 0227 – Strange. Heard a "Radio Bayamo, Granma" ID here on what is clearly *Radio Rebelde* in the middle of what sounded like a sporting event. //560 and 610. [Wolfish]
- 610 **COLOMBIA** HJKL *La Cariñosa*, Bogotá OCT 29 0959 – Breaking through *Radio Rebelde*; jingle, woman singing *La Cariñosa*. [Conti]
- +NOV 1 0658 – Mixing with *Radio Rebelde* and WGIR Manchester. Latin American music and ID. [Wolfish]
- +NOV 2 0400 – Poor amid *Radio Rebelde* and domestics; *La Cariñosa* IDs by a soft-spoken woman. Canned ID by same woman in the middle of music at 0500 also mentioned 610 AM. [Conti]
- CUBA** *Radio Rebelde*, Bueycito/Cienfuegos-Malecón/Guane OCT 31 0955 – Over WIOD Miami with male vocal followed by banter between man and woman. //600, 1620 and other frequencies. [Wolfish]
- 630 **VENEZUELA** YVKA *Radio Nacional de Venezuela*, Caracas OCT 29 0300 – Promo for program of "Exitos Navidades Felices" with Presidente Nicolás Maduro on Dec 1, other promos including the "RNV" ID at 0301:30; poor. [Burnell]
- +NOV 2 0901 – Over an UniD Latin American; navidad en Venezuela spot. [Conti]
- 670 **CUBA** CMHW *Doblevé*, Santa Clara NOV 1 0400 – Over/under *Radio Rebelde*; choral national anthem and canned ID, "Esta es Doblevé, desde Santa Clara..." [Conti]
- 680 **COLOMBIA** HJZO *Radio Nacional de Colombia*, Barranquilla OCT 29 1001 – Over WRKO; "...en Radio Nacional, de Colombia," and show intro, "Estamos Parrandeando en Radio Nacional de Colombia." [Conti]
- CUBA** *Radio Progreso*, Santa Clara/Santiago de Cuba NOV 1 0358 – Talk by woman. ID by man with soundbed of 1983 ELO song "Secret Messages" (which they use often). Cuban anthem followed. CKGM Montreal off the air at this time. [Wolfish]
- 700 **COLOMBIA** HJXC, *W Radio*, Cali NOV 2 0200 – Good; "En W, la hora en Colombia," public service messages, promo, "Eduardo Peña, la hora 22 en W Radio." [Conti]
- 720 **BRAZIL** ZYK276 *Radio Guaíba*, Porto Alegre RS OCT 28 2357 – Promo about football on "Guaíba," more football talk and bits of play-by-play; fair. [Burnell]
- COLOMBIA** HJAN *Emisoras Unidas*, Barranquilla NOV 1 0955 – Good; caught end of sign-on routine upon tune-in, "Muy buenos días," Emisoras Unidas, and "...en Barranquilla" in discussion which continued through the hour. [Conti]
- CUBA** *Radio Progreso*, Mabujabo NOV 1 0957 – In booming with no sign of WGN, over somebody playing C&W. Two men in a heated discussion. Overwent the ToH without ID. [Wolfish]
- GREENLAND** KNR Simiutaq NOV 1 2143 – Strong over Spain; man in Greenlandic. [Wolfish]
- +NOV 2 0600 – Good; pop music and ID. Audio kept cutting out. Pop music and telephone talk with intermittent audio also noted at 0700 and 0900. [Conti]
- +NOV 3 0300 – Good reception in Greenlandic language. Nothing over the hour. Ongoing talk by a woman. Domestic co-channels much weaker. Excellent reception switching to the 40° BOG/Beverage compared to the 100° wire. [Salmaniw]
- 750 **VENEZUELA** YVKS, *RCR*, Caracas NOV 2 0200 – Good; RCR Deportes coverage of Navegantes del Magallanes baseball. [Conti]
- 760 **COLOMBIA** HJAJ, *RGN*, Barranquilla OCT 31 2301 – Fair; choral national anthem, Banco Popular ad. [Conti]
- 770 **CUBA** *Radio Artemisa*, Artemisa OCT 29 0959 – Under *Radio Rebelde* and WABC; choral national anthem. [Conti]
- 790 **VENEZUELA** YVXM *Radio Minuto*, Barquisimeto OCT 29 0259 – Fading up with jingle ID, weak talk, 2300 bells, time check with ID, Venezuelan dance music; poor. [Burnell]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá OCT 29 0958 – Under WGY; promo, "En Caracol Radio," time check on the hour, "Hora Caracol." [Conti]
- 820 **CUBA** *Radio Ciudad de la Habana*, La Habana-Arroyo Arenas NOV 1 1000 – Under WNYC; canned jingle/ID. [Conti]
- CUBA** *Radio Reloj*, Ciego de Avila NOV 2 0900 – Through *Radio Ciudad* and WNYC; ticker, RR code. [Conti]
- 830 **DOMINICAN REPUBLIC** *Radio HJB*, Santo Domingo OCT 29 0300 – Ballad, full ID and promos; poor with interference from WCRN. [Burnell]
- 840 **HAITI** *Radio-Télé 4VEH*, Cap Haitien-Petite Anse OCT 29 1001 – Good, over *Radio Revolución* Cuba; interval signal, ID, "Vous écoutez Radio 4VEH..." and time check. [Conti]
- +OCT 31 0957 – Female preacher. ToH ID: "Vous écoutez radio quatre veh eh ache, il est six heures." Mixing with WHAS and CMHW. [Wolfish]
- 860 **VENEZUELA** YVYE *Enlace 860*, Valle de la Pascua NOV 2 0900 – Over *Radio Reloj* Cuba; presumed *Enlace 860* with a salsa vocal about navidad through the hour without a break. [Conti]
- 870 **ARGENTINA** LRA1 *Radio Nacional*, Buenos Aires OCT 29 0300 – Argentine anthem on bandoneon, 0302 "Nacional Informa" then woman reads news; fair. [Burnell]
- 910 **VENEZUELA** YVRQ Caracas OCT 31 0958 – Strong with guitar music, station promo and Venezuelan anthem. [Wolfish]
- 920 **VENEZUELA** YVQX *Radio Nueva Esparta*, Porlamar OCT 29 0300 – Ad, time check with IDs, short local news items, 0301 nice ID then lively music; fair. Listen to <http://www.bamlog.com/920yvqx.mp3>. [Burnell]
- +NOV 2 0700 – Fair, over WDMC; ID and time check, "En Nueva Esparta 920 AM, tres en punto." [Conti]
- 960 **BOLIVIA** *Radio Santa Cruz*, Santa Cruz NOV 2 0200 – Interval signal-like signature melody broke through the otherwise indistinguishable jumble. Listen to <http://www.bamlog.com/unID960.mp3>. Later heard indigenous Andean flute music presumed to be from the same radio station. Henrik Klemetz in the RealDX yg recognized the signature from a recording of the short wave parallel. [Conti]
- 990 **ARGENTINA** LR4 *Radio Splendid*, Buenos Aires OCT 29 0301 – 0300:50 "Radio Splendid... Argentina," fade, Argentine anthem on trumpet around 0302; poor with interference from *Radio Guamá*. [Burnell]
- CUBA** *Radio Guamá*, Pinar del Río-Politécnico OCT 31 1000 – Over CBY with chimes, and woman, "Esta es Guamá." [Wolfish]
- 1020 **CUBA** *Cadena CMKS*, Baracoa-Van Van OCT 31 1000 – JBA under KDKA with cuckoo clock sounds and man shouting, IDs by man and woman. [Wolfish]
- 1030 **ARGENTINA** LS10 *Radio Del Plata*, Mar del Plata OCT 29 0300 – Maxiconsumo supermarket ad, something about "los trabajadores de Radio Del Plata" and salary, Stevie Wonder song; very good. [Burnell]
- ECUADOR** HCRF2 *Radio Ecuatena*, Guayaquil OCT 29 1000 – Under WBZ; woman with promo mentioning Ecuador and ID by man, "Transmite Ecuatena 1030 AM." Thanks to help with the ID from the folks on RealDX. No sign of them the following morning on the 1000 recording. [Wolfish]
- 1040 **COLOMBIA** HJAI *Radio Tropical*, Barranquilla OCT 29 0000 – Local dance music, 0001 ID and time check, song about "libertad"; poor, under another Colombian with football. [Burnell]
- CUBA** *Radio Mayabeque*, Güines OCT 29 0400 – Over/under WCHR and WURN; promo for noticias de Radio Mayabeque and canned ID. [Conti]
- 1060 **CUBA** *Radio 26*, Jovellanos OCT 31 0921 – "Esta es Radio 26" ID by man and talk by woman. [Wolfish]
- 1070 **COLOMBIA** *Radio Santa Fe*, Bogotá OCT 30 0125 – ID by man and Latin American music. [Wolfish]
- +NOV 1 0359 – Fair; promo, "Radio Santa Fe, emisora popular..." and "Radio Santa Fe" jingle. [Conti]
- CUBA** *Cadena CMKS*, Guantánamo-Burene OCT 31 1000 – Cuckoo clock sounds, IDs by man and woman, "Desde Guantánamo." Mixing with a second station. //to a weaker 1170. [Wolfish]
- 1090 **VENEZUELA** YVSZ *Union Radio Deportes*, Caracas OCT 29 1001 – Under WBAL; end of Sunday morning religious program into choral national anthem. [Conti]
- 1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla OCT 29 0500 – Through WTAM dead air; "Hora Caracol." [Conti]



- 1110 **ARGENTINA** LS1 *Radio de la Ciudad*, Buenos Aires OCT 29 0001 – Fade up with the time, weather for Buenos Aires, news, 0302 football scores; fair, but with deep fades. [Burnell]  
**CUBA** *Radio Angulo*, Holguín OCT 29 1001 – Over/under WBT; signature spacey music and doorbells, //740. [Conti]
- 1130 **VENEZUELA** YVRL *Radio Ideal*, Maiquetía OCT 29 1000 – Under WBBR; llanera vocal and announcement into choral national anthem. [Conti]
- 1150 **BRAZIL** ZYK656 *Super Radio Tupi*, São Paulo SP OCT 29 0002 – Ad ending with web address, "Super Rádio Tupi" ID; poor, under a Spanish station. [Burnell]  
**CUBA** *Radio Bayamo*, Bueycito OCT 30 1000 – Over/under CKOC; six chimes marking the hour. [Conti]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena NOV 1 0600 – Fair; "Ultima Hora Caracol." [Conti]  
**CUBA** *Cadena CMKS*, Maisí-Santa Rita OCT 31 1000 – //1070 with cuckoo clock sounds, IDs by man and woman. Under WWVA Wheeling. [Wolfish]
- 1190 **COLOMBIA** HJCV *Radio Cordillera*, Bogotá OCT 28 2359 – Full ID with call letters, local music; fair. [Burnell]  
+OCT 29 0122 – Latin American music. Woman with ID: "Once noventa... Radio Cordillera." [Wolfish]  
**COLOMBIA** HJKG *Radio Mira*, Tumaco OCT 31 1000 – Upfaded over the jumble with ID by man: "Desde Tumaco... departamente Nariño... transmite Radio Mira." [Wolfish]
- 1210 **CUBA** *Radio Sancti Spiritus*, Sancti Spiritus OCT 29 0000 – ID and talk; fair with WPHT the likely interference. [Burnell]  
+NOV 2 0158 – Fair; woman talking about Estados Unidos contra Cuba, 0201 ID, "Radio Sancti Spiritus, contemporánea en su tradición," and chimes. [Conti]
- 1220 **BRAZIL** ZYJ458 *Radio Globo*, Rio de Janeiro NOV 2 0158 – Loud! Talker in Portuguese with slight room echo effect through the hour. [Conti]  
**COLOMBIA** HJNM *Radio Viva*, Ipiales OCT 29 1001 – ID in mess with WHKW Cleveland. [Wolfish]
- 1230 **ARGENTINA** LT2 *Radio Dos*, Rosario OCT 29 0300 – Pips, ID then the national anthem, faded out at 0302; poor. [Burnell]
- 1290 **VENEZUELA** YVLF *Radio Puerto Cabello*, Puerto Cabello OCT 29 1000 – Fair; "Programación espiritual... en RCR." [Conti]
- 1320 **VENEZUELA** YWVP *Radio Apolo*, Tumero OCT 29 0302 – Music, 0302:20 man with ID, "Radio Apolo, más musicales[?]" and music resumes; poor. [Burnell]
- 1350 **ARGENTINA** LS6 *Radio Buenos Aires*, Buenos Aires OCT 29 0300 – Piano music, pips, man with ID, Argentine anthem; good. [Burnell]  
+NOV 2 0200 – Fair; presumed this with religious talk through pips on the hour. [Conti]  
**CUBA** *Radio Ciudad del Mar*, Aguada OCT 29 0400 – Poor; choral national anthem and canned ID with distinctive descending chromatic scale. [Conti]
- 1380 **VENEZUELA** YVNG *Ondas del Mar*, Puerto Cabello OCT 29 0059 – Fair; "Ondas del Mar... las ocho, 58 minutos, Ondas del Mar... más de la música popular," and jingle. [Conti]
- 1400 **GRENADE** *Harbour Light of the Windwards*, Carriacou OCT 29 0300 – Piano and violin music, 0301 ID, time check, and begin a syndicated religious programme "The Talking Book"; fair. [Burnell]
- 1499.773 **PERU** OBX41 *Radio Santa Rosa*, Lima-San Miguel OCT 29 0859 – Fade up with flute music then two IDs amongst the station hype; poor with splatter from WFED and *Radio Dos Mil*. [Burnell]  
+OCT 29 1000 – Het against 1500 Venezuela. [Conti]
- 1500 **VENEZUELA** YVRZ *Radio Dos Mil*, Cumaná OCT 29 0958 – Good; "Oye Carumba" song, promo, "¡Atención! Notaria por Radio Dos Mil, notaria de Zulia," and choral national anthem. [Conti]  
+OCT 30 0033 – Strong over WFED Washington with Latin American music, announcements and "Radio Dos Mil" IDs. [Wolfish]
- 1540.5 **PERU** OCU2X *Radio Turbomix*, Cajamarca OCT 29 1000 – Het against CHIN and KXEL. [Conti]
- 1550 **CUBA** *Radio Progreso*, La Palma OCT 29 0500 – Fair; "Radio Progreso, la onda de la alegría," and canned ID. [Conti]
- 1620 **CUBA** *Radio Bayamo*, Bayamo NOV 1 1000 – With mixing *Radio Rebelde*; chimes and "...desde Granma" ID, //1150. [Wolfish]



(Left to right) Bill Nollman, Jean Burnell, Niel Wolfish, Walter Salmaniw, Brent Taylor, Bruce Conti.

#### DXpedition Shorts

3/1. In the Caribbean DX Report – 800 should have been left as **Bonaire**. The Netherlands Antilles no longer exist – Aruba, Bonaire, etc are now separate countries. **Bruce Portzer**

3/1. I made my 17th visit to Grayland, WA between February 18 – 24 2018. Since the Grayland Motel closed a year ago I have had to find an alternative location for DXpeditioning. Such a place exists, albeit a bit more expensive and with a bit less land to work with, just a couple of lots down the beach called Casa Sea Esta – a HomeAway rental. For nearly the entire time I used a 160' DKAZ antenna aimed at 300 deg. true North erected 'beyond the berm' on the grassy area of the beach. Results so far are promising though I wish I had pointed the DKAZ a little further south given its broad back null and equally broad front lobe I was not nulling Seattle and Vancouver BC stations near as well as Portland.

I'm just starting the wav file review process but the highlight so far is Cambodia on 918. There are also several Philippine stations in the wav files, including a new one for me on 1611. Lots of Japanese and Alaskans round things out.

You can see and hear what I have reviewed so far at the following webpage: [http://realmonitor.com/am\\_logs\\_grayland17.php](http://realmonitor.com/am_logs_grayland17.php)

**Bill Whitacre** Alexandria VA

I am working on compiling Bill's DXpedition to Quoddy House and Lubec Bay Cottage... not sure when it will be published – pb.





**DX FORUM – Richard C Evans – 3908 Grand Oak Ave Apt 4 – Indianapolis IN 46237**  
E-mail: REvans5435@yahoo.com DEADLINES: Saturdays

Deadlines: 3/17, 3/31, 4/14, 4/28, 5/12, 5/26, 6/9, 6/23, 7/14 and 8/11

**Nancy Johnson**, 2922 S Olivewood, Mesa, Arizona 85212-2923

It doesn't seem possible that it is time for another Anniversary re-intro Forum. I'm married to CDXR editor John who I met through IRCA 40 years ago. I have a son, a daughter and five grandchildren. (#6 is due in May.) In addition to DXing, my other hobbies include genealogy, camping, and taking photos of radio and TV stations. John and I have had some interesting times while taking photos of stations and we have met many interesting people including one old guy in the Great Smoky Mountains of North Carolina. In 1969 I began DXing from Fredonia NY and joined IRCA in 1971. From my four DX locations (Fredonia NY, Aberdeen WA, Billings MT and Mesa AZ) I've heard a total of 2968 stations (some duplications). I'm a domestic DXer and spend quite a bit of time checking on the challenging graveyard channels. Happy Anniversary IRCA!

**John C Johnson**, 2922 S Olivewood, Mesa, Arizona 85212-2923 **John\_Johnson@Prodigy.net**

It's time for all of us to send in our annual DX Forum reports to celebrate IRCA's anniversary. Happy 54th anniversary, IRCA. I am a charter member of the club, joining when the club formed 54 years ago in 1964. I've seen many changes over the years, but the friendship of fellow members has always been foremost. I'm married to Nancy, your WDXR editor, Nancy and I have known each other for 47 years. I have been editing the CDXF column for over 30 years and serve on the IRCA Board of Directors. After 42 years of working for KTVQ channel 2 in Billings, Montana, I retired in 2014. Nancy and I did not want to shovel snow and survive below zero temperatures in retirement, so we moved to Mesa, Arizona. The warm weather is wonderful. Retirement has given me more time for hobbies including DXing. My DXing started in 1962 from Sheridan, Wyoming using various old receivers including a Hallicrafters SX-16. Now I use an Icom IC-R75 with a Wellbrook ALA1530LNP loop. I've been able to log 557 stations from 26 states, 5 Canadian Provinces, and 76 Mexican stations from 12 Mexican states from here in Mesa. Other hobbies include taking photos of radio and TV stations which appear on my web site. **www.johninarizona.com**. I started taking photos of towers in 1957, long before other tower photographers were born. Plus, genealogy and collections of all kinds including TV Guide magazines dating back to the late '50s, old radio station music surveys (yes, I still collect them), bumper stickers, sports pocket schedules, Coke-A-Cola items and even The Three Stooges items. If you are on Facebook, you will find both Nancy and I are there also. The club is still going strong after all these years. Happy Anniversary IRCA! 73, John.

**Stephen S Howe**, 9 Warner Drive, Saint Albans, Vermont 05478-1575 **showe@albany.edu**

Happy Anniversary, IRCA! I'm 63 and have been DXing for 50 years, first on shortwave and ham frequencies before spending more time listening to AM stations. I was a member of the IRCA in the late 1960's and early 1970's for several years and somehow managed to keep my high school grades up despite spending nearly every Monday morning chasing equipment tests and frequency checks. Sidetracked by college and graduate school, I rejoined the Club in the late 1980's shortly before my wife and I moved from the San Francisco Bay Area to Vermont. I have been the Editor of the Verification Signers column in the DX Monitor for the past 26 years, and, last year, I began my first term on the IRCA's Board of Directors. A busy teaching schedule in the Department of Atmospheric and Environmental Sciences at the University at Albany and a very active 8-year-old daughter prevent me from spending as much time as I'd like at the dials, but I usually manage to log a few new stations every year, usually during an occasional sunset session, primarily using a Sony ICF-2010 receiver and Radio West loop. Knock on wood, those antiques will keep working until I acquire an SDR and some other loop antenna, since I don't have the acreage at my home for a Beverage. 73, Steve.

**Eric Bueneman** (N0UIH), 631 Coachway Lane, Hazelwood, Missouri 63042-1347

Here's wishing IRCA a Happy Anniversary! A little about me. I'm 51 years old now, retired from the broadcast business since 2009, a member of IRCA since 1994, and presently serve as Editor of Eastern DX Roundup and SportChannels IRCA. I have served IRCA in the past as DX Monitor Editor-in-Chief and Publisher, as well as editing Hearing It Through the Grapevine. In addition to IRCA, I'm also a member of WTFDA, NASWA, and two local Amateur Radio clubs, the St Louis and Suburban Radio Club and the Lewis and Clark Radio Club. My story with DXing began in the mid-1970s, when I first pulled in WBBM 780 in Chicago, finding out there was more to listen to than just the local stations. Before I finished sixth grade, I had discovered other Chicago 50 kW blowtorches, like WMAQ 670 (now WSCR), WGN 720, WLS 890 and WCFL 1000 (now WMVP), as well as 50 kW stations further afield, like KOA 85 Denver, WLW 700 Cincinnati, WABC 770 New York, WCCO 830 Minneapolis, WHAM 1180 Rochester (NY), WBZ 1030 Boston and WSB 750 Atlanta. The DX bug hit me September, 18/0 when I pulled in the Radio Moscow relay via Urbano Noris, Cuba on 600 kHz, even with a local on 590 kHz. In October of 1981, I bought a Realistic DX-60 AM/FM/CB/SW receiver, and began with the shortwave broadcast bands; within two months, I was DXing the AM broadcast band. I began reporting to various clubs. I registered my monitoring station with WDX Monitoring Service in July, 1982, receiving the monitor call KDX0STL. In 1983, I registered my monitoring station with the old World Listening Service which issued the call WLS-5MO. I also got into FM broadcast band and TV DXing before I turned 17. In 1984, I began casually monitoring the VHF and UHF Public Service bands, registering the monitoring station with CRB Research, who issued the monitoring call KMO0CN. The hobby led to 22 years in the broadcast business, working primarily in St Louis (KCFV 89.5, WGNU 920, WFUN-FM 95.5 and WSIE 88.7), but got more experience in Marietta GA with WTFD 1080 and now-silent WGHR 102.5. I DXed from my original QTH on Lamplight Lane in Hazelwood from 1981 to 1988, followed by a stay in Woodstock GA from 1988 to 1991 and a brief spell in Marietta GA in 1991 and 1992 before moving to my present QTH in June, 1992. I'm also licensed as an Amateur Radio Operator, first licensed as a Technician in October, 1992, upgrading to a General Class ticket in June, 2007 and an Extra Class license in May, 2012. I began DXing the NOAA Weather Radio band (162.4-162.55 MHz) in January, 2001. My hobby added another facet last summer, when I began DXing with an Ultralight receiver, a CountyComm GP-5/SSB AM/FM/SW receiver with SSB capability. Last fall, I harkened back to the early days of our hobby by taking a DX handle. I took time away from the dials in the spring and summer of 2016 to recover from a stroke I suffered in February 2016. As I look back on 36 years of DXing, I am reminded of the DXers who came before me, especially Bob Flick (who lived to be 95 years old), Terry Klasek (who passed away in 2011 at age 64) and Rich Eddie (who passed away in 1996 at age 48). I carry on the DX mantle in the St Louis region, along with several others, most notably Walt Breville, Earl Higgins and Ken Hawkins (who will be hosting the next IRCA Convention in St Charles, MO). 73 and good DX from the Florissant Valley Dial Twister.

**Larry Godwin**, 2390 Clydes Dale Lane, Missoula, Montana 59804 **IowaTiger73@Gmail.com**

Happy anniversary, IRCA! I'm 75 and don't DX much anymore but read the SDXM to see what others are hearing. I started DXing in 1958 when I was 16, and along with Bill Nittler, John Johnson, John Tracy and Dallas John founded the IRCA. Thanks to the many members who keep the club going, and especially to Publisher Phil and the officers and editors. Good DX to everyone. 73. Larry.



**Martin Foltz**, 25102 Pradera Drive, Mission Viejo, California 92691 [martinfoltz@cox.net](mailto:martinfoltz@cox.net)

Last time I reported here was March, 2016! Recent new catches are 1210 KRDU Radio Punjab in Rocklin CA and 1310 KNPT Newport OR with totals now 434 heard including 204 from California. I think there are around 60 CA stations I haven't heard and most are up in Northern California. I've read all the reports on DXing in Kona. My daughter lives there but will be moving to Kauai soon. I hope the electrical noise is lower there. Next time I go I think I'll send a reception report to 1240 KEWE to see if I can get a GY QSL from Hawaii. Won't count in my totals but will be a novelty. Wish I had more time to listen. The conditions this year seem to be pretty good. Two frequencies have opened up and I need to take advantage of that. 1250 Santa Barbara and 1550 Apple Valley are off the air. And I think 1520 Port Huenerne is off. 1230 KSZL Barstow was off when I drove through in January. The future of AM radio is going to be interesting. 73's. Martin.

**Art Peterson**, 851 31st St, Richmond, California 94804 [awpeteronrpf@att.net](mailto:awpeteronrpf@att.net)

At age 73, I look back at over half a century of DXing starting with MW and adding LW beacons, SWBC, utilities and monitoring ham transmissions in CW, phone and RTTY. My first love, though, has always been MW, both domestic and international. The hobby has been interesting, exciting at times and always educational. In addition, I have made many friends as a member of IRCA. My geographical knowledge of the most obscure places has been greatly expanded by pursuing our hobby. For example, not long ago I talked with a lady who was originally from Guatemala and she was astounded that I knew it as the land of marimba and further that I even knew what a marimba was. I was the first one she had met in the US who knew this. I owe it all to DXing. Due to various circumstances, I was forced to start logging DX all over again in 2015 with the added challenge of having gone blind. To some, it might be very discouraging to start over, but I have found it refreshing to hear something new every time I turn on the radio. Gradually, I have collected digital versions of station reference lists that my screen reader software can read to me verbally. Until November of 2017, I used a Sony ICF-2002 until a friend helped me get an NRD 545. For me, the key features of both of these radios are the ability to key in a desired frequency and a step switch to scan through the band in predictable steps, given that I can no longer read the dial. I really have to hand it to the Sony people. The 2002 is an amazingly well-designed radio. Combined with a Radio Plus loop for LW and MW and the whip for SW, I have in only 2 years logged nearly 100 countries! They seem to have chosen just the right specs for each band. Now I hear that Sony is going out of the SW radio business. I tried to get into SDR technology but that did not work out well enough, so I gave that up for the time being. I am really sorry to see so many countries abandon SWBC. New Brunswick used to be an easy log, thanks to RCI, but now it's really tough from the West Coast. Well, happy anniversary to all IRCA members and 73.

**Richard Evans**, Apt. 4, 3908 Grand Oak Avenue, Indianapolis, Indiana 46237-4694

Another year, another round of intros. A couple of big changes here. I'm 72, still working at 23 hours a week. I am very anxious to retire but can't quite see the possibility of it yet. It wouldn't take much, hi. I've been a member of IRCA since March, 1965 and the NRC since May, 1965. Also, a bunch of other clubs along the way, mostly around 1969-1972 while I was still up in northwest Indiana. I haven't done much DXing over the past few years but getting ready to get back into it. I am in the market for a new or decent used AM and/or FM radio and, finally, I have the money for one or both. Any suggestions on what would be a good one to look for (I would like digital readout on the frequency) and where? I have run across a ham store in Evansville IN so I may check them out by phone. I turned on the radio a few days ago and the electrical noise was really bad. I just had it on again a moment or so ago and much better. When we moved to the area in 1999, the light wires along Sherman Avenue were really noisy on the car radio, but the wiring in the complex itself (which wasn't even built at that point) are all underground. I am about a tenth of a mile back in from the road. As far as Indy goes, I have heard 720 stations from 33 states plus DC, 5 provinces and a total of 4 countries. Right now, it looks like I will not be able to be at the St Charles convention unless I can find a way to retire between now and then. On the non-radio news, I lost my wife to a stroke on Jan 6th this year. She had a major one back in Nov as well. On Feb 28th, my first great grandchild was born. So, I am one step beyond Nancy (above) who has five grandkids but apparently no great grandkids (even if all five are "great" in their own way, hi). That's it for this time. Time change is this weekend. I'm working during that time, of course, hi. The one in November is more fun, though both changes screw up the paycheck. 73.



**GEOMAGNETIC INDICES** – Compiled by: *Phil Bytheway*  
E-mail: [phil\\_tekno@yahoo.com](mailto:phil_tekno@yahoo.com)

**Geomagnetic Summary February 1 2018 through February 28 2018**

Tabulated from status daily (K @ 0000 UTC).

Date	Flux	A	K	Space Wx										
2/ 1	69	4	1	no storms	2/11	78	3	1	no storms	2/21	68	4	1	no storms
2	69	4	0	no storms	12	<b>79</b>	4	1	no storms	22	68	11	<b>4</b>	no storms
3	69	3	1	no storms	13	76	3	1	no storms	23	68	16	2	<b>minor, G1</b>
4	73	3	1	no storms	14	75	3	2	no storms	24	68	9	1	no storms
5	74	8	1	no storms	15	73	10	3	no storms	25	67	4	2	no storms
6	77	5	1	no storms	16	72	7	2	no storms	26	70	7	3	no storms
7	77	4	0	no storms	17	69	12	2	no storms	27	68	19	1	minor, G1
8	78	4	2	no storms	18	70	14	2	no storms	2/28	69	6	1	no storms
9	78	5	2	no storms	19	69	<b>17</b>	3	minor, G1					
2/10	78	6	1	no storms	2/20	68	5	0	no storms					

Gx – Geomagnetic Storm Level

Rx – Radio Blackouts Level

Sx – Solar Radiation Storm Level

**IRCA Slogans List (January 2017)**

This completely revised Slogans List includes radio slogans from the US and Canada (over 4500). The 2017 IRCA Slogans List is posted on the IRCA website for all to download. The link is: [http://www.ircaonline.org/editor\\_upload/File/2017 IRCA Slogans List.pdf](http://www.ircaonline.org/editor_upload/File/2017%20IRCA%20Slogans%20List.pdf)

For those preferring a hard copy, one can be ordered from the IRCA.

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 (Winter 2016)**

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 March 1 2016.

The 2016 IRCA TIS/HAR LIST is posted on the IRCA website for all to download. The link is: [http://www.ircaonline.org/editor\\_upload/File/TIS\\_2016.pdf](http://www.ircaonline.org/editor_upload/File/TIS_2016.pdf)

For those preferring a hard copy, one can be ordered from the IRCA.

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, 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.

### 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.

### 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** still has volumes 3, 4, 6, 7 and 8 of the **IRCA Foreign Log** available for \$2.50 each (overseas add \$3.00/book).

### 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 50 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, send the correct amount (in US funds payable to **Phil Bytheway**) to: **IRCA, 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.

### Beverage and Longwire Antennas Design and Theory (BAM)

This manual is a compilation of numerous articles on the subject of design and theory of the beverage and longwire antennas that have appeared through the years in **DX News**. Some articles are available as reprints. This book gives details information on the theory of operation, construction and maintenance of a beverage antenna. Serves as an enhancement to Antenna Reference Manuals Volume 1 and 2. 8 1/2" X 11" booklet format.

#### BAM Contents:

The Coolool Beach Beverage 1983

Beverage Basic Theory

The Florida Beverage

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Price: **IRCA/NRC Member USA** \$8.95, Non-Member USA \$12.95. Other countries write for quote **sales@nrndxas.org**.

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### Loop Antenna Design and Theory (LAM)

Revised and updated in 1996, this manual is a compilation of numerous articles on the subject of design and theory of the loop antenna that have appeared through the years in **DX News**. This book gives detailed information on the theory of operation, construction and maintenance of a loop antenna. Serves as an enhancement to Antenna Reference Manuals Volume 1 and 2. 8 1/2" X 11" bound book format.

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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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**MEMBERSHIP DUES**  
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**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 **DXM.EiC@gmail.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**.

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