

DX MONITOR

The official publication of the International Radio Club of America

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IRCA welcomes back **Eric Svajdlenka** in Snohomish WA (rejoins)! **Verification Signers**: "No tips were received for my January column. I am also changing the deadline for the February column *only* from the last Monday of the month to Saturday, February 25 at 12:00 PM ET – Steve **showe@albany.edu**.

Still looking for a new editor for **DXWorldWide-West**, **DX Test Coordinator** and backup **Editor-in-Chief**. "**DX Monitor**" deadline – every **Monday** 6 PM PLT.

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DXM article Index

The first IRCA article Index has been posted on our web site. This is an Index to articles published in **DX Monitor** since the IRCA Reprint List was published in 2004 and is intended as a starting point to a complete Reprint List update. It is organized in the same way as the IRCA Reprint List with two new categories "**Ultralight**" and "**DXpeditions**". There are only a few article "descriptions" at this time, however most of the titles are self explanatory (I hope, hi). The index updated through the end of Volume 53 of **DX Monitor** (July 2016). Here's the link: http://www.ircaonline.org/July%202016%20DXM%20Index.pdf

Pacific Asian Log Update

"I've just updated the Pacific Asian Log. It's now posted on the Radioheritage website: http://www.radioheritage.net/. You'll need to go through a couple of internal links to get to the download page, but you'll be able to either download the PDF version or use the interactive version. If you have problems, let me know. I can also send a copy directly.

There have been a modest number of changes since the last update (posted in September). I'll probably issue the next update in March or April. There are already a couple of changes needed to reflect the demise of Tahiti-738 and the 2 MHz Aussies: (Corrections and updates from users are always welcome and can be sent to **bportzer@comcast.net** or **portzerbt@gmail.com**.)

First issued in 2001, The PAL lists medium wave broadcasting stations in southern and eastern Asia and the Pacific. It lists about 5000 stations in over 50 countries, with frequencies, call signs, locations, power, networks, schedules, languages, formats, networks and other information.

Bruce Portzer'

Annual Seattle area DX Get-together

I'll be holding my annual DX get together on Saturday **February 18** at **2 pm**. Consider yourself invited, and be prepared to talk about AM, shortwave, or TV-FM DX with like-minded persons. Bring radio stuff for show-and-tell if you'd like.

It will be held at my house: 6546 19th Avenue NE in Seattle, 206-522-2521. Potluck snack food (liquid or solid) is welcome.

See you there! Bruce Portzer

CITY OF LICENSE

2017 CONVENTION

The 2017 IRCA Convention will be in Reno NV on August 17-19 2017 hosted by **Mike Sanburn**. If you are interested in helping Mike, contact him at **mikesanburn@hotmail.com**.



FREQ CALL

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

DATE OF COLUMN: January 28, Column data span: January 14-28 2017, Data courtesy of Stationintel.com, FCC database and member contributions.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
990	WLLI	Somerset, PA	WNTI
1070	WTWK	Plattsburgh, NY	WPLB
1390	WTSJ	Jackson, TN	WLLI
1430	KKNI	Wasilla, AK	KVHZ

FORMAT, SLOGAN AND SILENT STATUS CHANGES

NEW INFORMATION

730	WJMT	Merrill, WI	was classic country, now oldies, old slogan: "Patriot Country", new: "Bluejay 730"
850	WTAR	Norfolk, VA	was talk, now Fox Sports Radio, old slogan: "AM 850 WTAR", new: "Sports Radio 850"
860	KONO	San Antonio, TX	was CBS Sports Radio, now oldies, old slogan: "CBS Sports Radio 860", new: "86 KONO Greatest Hits Of The
		•	70's and 80's"
910	WAKO	Lawrenceville, IL	was adult contemporary, now Westwood One Lite AC, old slogan: "Super-Mix", new: "Life"
920	KLMR	Lamar, CO	was Westwood One Mainstream Country, now Westwood One Classic Country
970	WWRK	Florence, SC	old slogan: "Swagga 94.1 and 105.9", new: "Swagga 94.1 and 105.9" (??-ye ed)
980	WTOT	Marianna, FL	was silent, now Westwood One Good Time Oldies, adds slogan: "Good Time Oldies"
990	WNTI	Somerset, PA	was CBS Sports Radio, now news/talk
1070	WPLB	Plattsburgh, NY	was classic country, now oldies, old slogan: "97.3 The Moose", new: "Mid Century Radio 1070/103.7"
1140	WMMG	Brandenburg, KY	now silent
1150	WJRD	Tuscaloosa, AL	adds slogan: "True Oldies Channel"
	WGBR	Goldsboro, NC	old slogan: "News Talk 1150 WGBR", new: "Talk Of The Town 1150/98.3 WGBR"
1280	WJST	New Castle, PA	was Fox Sports Radio, now ESPN Radio Network, old slogan: "Fox Sports Radio 1280", new: "ESPN 1280"
1300	WSSG	Goldsboro, NC	old slogan: "98.3 Jack FM", new: "92.7 Jack FM"
1390	WLLI	Jackson, TN	was talk, now classic country, old slogan:" TJ Network", new: "Willie 94.1"
	WCAT	Burlington, VT	was oldies, now Bloomberg Radio Network business news
1400	KWNA	Winnemucca, NV	old slogan: "Pure Gold 1400 and 104.5", new: "Pure Gold 1400 and 104.5" (??-ye ed)
1440	WVGG	Lucedale, MS	now silent
1470	WPNS	Evergreen, AL	now silent
1490	WXTG	Hampton, VA	was classic country, now adult alternative, old slogan: "1490 AM The Outlaw", new: "The Tide"
1570	WSCO	Appleton, WI	was Fox Sports Radio, now Westwood One NBC Sports Network
1580	WAMW	Washington, IN	old slogan: "The General 95.9 and 1580", new: "The General 95.9 and 1580" (??-ye ed)
1630	WRDW	Augusta, GA	was talk, now ESPN Radio Network, old slogan: "WRDW News Talk Sports 1630", new: "ESPN Augusta 1630"
1670	KQMS	Redding, CA	old slogan: "News Talk 1670 AM 99.3 FM", new: "News Talk 1670/105.7"

(Note: more 'repeating' slogans from Stationintel.com, I'll just continue reporting them as they are reported-ye ed).

MEMBER CONTRIBUTIONS

Jon Pearkins (locale unknown) sends along the following dated 1/19/17:

Just heard KFCS-1580 Colorado Springs CO running Network News on the hour from USA Radio (usaradio.com) overnight last night between two paid spokenword religious programs.

Bill Block of Prescott Valley AZ sends along the following dated 1/20/17:

KHRO-1150 in El Paso has made a change in format. Was oldies but now it is Catholic programming and they use "The Bridge 1150 AM".

Thanks to Jon and Bill for their tips above, much appreciated! 1 week till the Super Bowl, Atlanta vs New England, should be a good game. Been at my new job for a month and a half, so far so good. Actually reported some DX to EDXR recently, had the urge to get back to some of the DXing I used to do. I may do more! Anyone who hears any updated local information please be sure to send it to this column! 73's. Bob Wien



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

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Each Friday. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- Rick Barton-PO Box 5503-Peoria AZ 85385 desertmoon_dxshack@inbox.com (RB)
 - RadioShack SW-2000629 and Terk loop
- Bill Block-Prescott Valley AZ (BB) billblock@cableone.net
 - R8, Wellbrook ALA1530LNP
- Dennis Gibson-Salinas CA (DG) wb6nb@yahoo.com
 - Radio in 2007 Honda Fit Sport
- John Johnson-2922 S Olivewood, Mesa AZ 85212 John Johnson@prodigy.net (JCJ)
- Icom IC-R75, Wellbrook ALA1530LNP
- Jon Pearkins-Edmonton AB jon@pearkins.com (JP)
 - Sangean HDR-18
- Art Peterson-Richmond CA awpetersonrpf@att.net (AWP)
 - Sony ICF-2002, Quantum loop
- Mike Sanburn-PO Box 1256-Bellflower CA 90707-1256 mikesanburn@hotmail.com (MS)
 - Sangean DT 160
- 570 WNAX SD, Yankton 1/27 0100 call letters and time into news all alone with antenna SE and dominant otherwise. (JP-AB)
 - **KLIF** TX, Dallas heard 1/25 at 0756 with "KLIF" then traffic report. (BB-AZ)
- 670 KLTT CO, Commerce City 1/22 1800 man with lecture on Dr ML King, religion. Just missed ID at the ToH, but got one good and clear at 1818. This was 4:18pm local time, with the sun still up here. Good and steady on SW-2000629, the Terk. (RB-AZ) AZ, Tucson 1/20 1630 MoR music, good BoH ID. Very strong signal due to rain front. (RB-AZ)
- 690 KCEE
- BC, Vancouver 1/25 2215+ good on car radio driving around town with traffic information about the Vancouver area. Numerous mentions of the 730 CHMJ am730.ca website. Very good on many radios at home 2315-2320. Minor splatter from KCBS. I assume it's still operating under an STA due to the fire at the transmitter site last July. It was never heard before that. (DG-CA)
- MT, Polson heard 1/25 at 1911 with "Montana News" then at 1913 "750 KERR." (BB-AZ) 750 KERR
- NV, Reno 1/21 0130 string of spots to man with "Newstalk 7-80 KOH." Good with RadioShack SW-2000629, Terk loop. (RB-AZ) KKOH
- NE, Lexington 1/22 1843 man with "On 8-80, KRVN," spot for event in "Kearney." Good with SW-2000629 and Terk loop inductively coupled. Not 880 KRVN buried under KHAC (which is not heard at all here at the moment). (RB-AZ)
- 900 KFLP TX, Floydada heard 1/24 at 0805 with "KFLP." (BB-AZ)
- WDAY ND, Fargo 1/24 0000 back to back program promo, legal ID and ABC News with two "WDAY" mentions; very strong in dominant KBUL's null. 970 (JP-AB)
- 1020 KWIQ WA, Moses Lake North 1/23 0100 "KWIQ Moses Lake North" ID ending at the top of the hour after KKRT ID, into ESPN; missed in past due to CBR-1010 slop. (JP-AB)
- 1030 KMAS WA, Shelton 1/21 0610-0640 financial call-in talk show with several mentions of Mason County at BoH, the county Shelton is located in, also suggested in call letters, gradually faded down and disappeared for good for the rest of the morning. New log. (AWP-CA)
- CA, Frasier Park 1/18 0545-0615 and 0930, call ID and town name at 0300 ToH, a real surprise since night power listed as 7 watts, must have 1050 KJPG been on day power, really tearing up local KTCT at times. New for me. In again 1/25 0600 with ID stated as KJPG, Frasier Park, Bakersfield.
- 1080 KSLL
- UT, Price 1/22 1748 "On 1 oh 4 point 9 FM, and 10-80 AM," to country music. Good, steady on RadioShack SW-2000629 and Terk loop. (RB-AZ) ID, Boise 1/21 1030 "On EWTN," Catholic talk show. Fair and steady, well after local sunrise, on Terk loop inductively coupled to RadioShack SW-1140 KGEM 2000629 portable. This is the latest I've ever heard this one. (RB-AZ)
- 1150 KSAL KS, Salina 1/20 good in KEIB null 2332 with "News happens anytime that's why we report it all the time on your 24 hour news source, Newsradio 1150 KSAL" into "Kansas High School Scoreboard Show" program. Legal "KSAL Salina" ID at 0000. New for me. (JCJ-AZ)
- TX, Highland Park 1/22 strong in KSL null. May have been on daytime power. 2330 with "Bible Answers Live" call in show. 2359 out of program 1160 KVCF with "The Word, 100 point 7 FM KWRD FM (fade) and KVCE AM Highland Park, Dallas, Fort Worth. A service of Salem Media Group." New for me. (JCJ-AZ)
- 1210 KPRZ CA, San Marcos 1/18 0600 and 0700, both times observed ID that sounded like "San Marcos-Bakersfield" which seems a bit of a stretch at about 100 miles away! (AWP-CA)
- 1230 KATO AZ, Safford heard 1/20 at 1900 with "KATO." (BB-AZ)
- AZ, Globe heard 1/24 at 0918 with "KJAA" then a PSA and at 0919 "Jukebox 1240 Miami." (BB-AZ) 1240 KJAA
- NM, Gallup 1/21 1640 string of local spots, "High Country Chevrolet... Navajo Dodge," mixed English and Navajo. Good ID by jingle on the hour. Recheck at 1717 had chanting, tom-toms. Fair to good on SW-2000629 inductively coupled to Terk loop. (RB-AZ) 1330 KGAK
- 1340 KCBL CA, Fresno head 1/27 at 0859 with "KCBL." (BB-AZ)
- CO, Denver heard 1/26 at 1932 with "KDCO" then sports talk. (BB-AZ) KDCO
- 1410 CA, Bakersfield 1/21 0800 call and city ID in horrible splash from local 1400 KVTO, religious talk format. (AWP-CA) KFRI
- UT, Ogden 1/21 1100 news and replay of Mike Gallagher Show. Fair and steady, fairly late in morning. (RB-AZ) 1430 KLO
- CA, Riverside heard 1/23 at 2200 with "KFNY Riverside." (BB-AZ) 1440 KFNY
- CA. Sonora 1/20 0941 atop briefly with health report and local weather. (MS-CA) 1450 KVML
- AZ, Mesa 1/14 0940-1010 discovered my local KSFM off the air, so this came bombing in with investment info and a "Money Radio" ID, new 1510 KFNN logging. In the space of less than an hour, I heard 3 states on one channel! (AWP-CA)
 - CA, Ontario 1/14 1000+ boosted to day power with call and city ID followed by very nice, good fidelity old standards in English, ex-Spanish, **KSPA** confirmed by very timely report in DXM Vol. 54-20, new logging. (AWP-CA)
 - WA, Spokane 1/14 1055 a weak call ID, way down from normal strength, as were most stations to the north this day. Glad it did not QRM my 2 KGA new loggings. (AWP-CA)
- 1600 KEPN CO. Lakewood 1/26 0100 "espndenver.com" into ESPN News in a fairly tight null of KVRI, with only occasional traces of KTUB. (JP-AB)
- UT, Centerville 1/25 0203 "KTUB Centerville" ID between continuous Spanish adult contemporary music and occasional brief Spanish talk; there **KTUB** was either no ID at 0100 or it was early or very late; mostly alone with occasional sports (KEPN or KGYM) under, in KVRI null. (JP-AB)

UNID

1210 UnID 1/18 0635 religious programming in English. Doesn't seem to match any listed format. (AWP-CA)

Art Peterson sends along a correction to Glen Hansen's 1370 tip in the bulletin last week. "Correction to report last week in WDXR: KRAC is located in Red Bluff, CA not Quincy whose calls are listed as KWNC." - Nancy 1/27 1900



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

RIDING GAIN

[EB-MO] Eric Bueneman, Hazelwood MO NOUIHEric@aol.com GE Superadio III

DOWN THE DIAL

MN, Pipestone. 1/21 good signal over XEG. 0457 noted with Country format, call letters, AP News and weather forecast. [EB-MO] IA, Sioux City. 1/26 good signal over WMOB, WSAI. 0502 noted with CBS News, local and national spots, "13-60 KSCJ and now at 94-point-Nine 1050 KLOH

1360 KSCJ FM" ID into America in the Morning. [EB-MO]

1480 KCHL TX, San Antonio. 1/20 fair to poor signal over WLMV and other stations. 0534 noted with Urban Gospel format, "Gospel 14-80" ID. [EB-MO]

1650 CINA ON, Mississauga. 1/20 fair signal over KBJD, KCNZ, KYHN. 0550 noted with South Asian music and local spots. ON#40. [EB-MO]

FLASHBACK

January 29 1966 issue of "DX Monitor" ... Lance Muller discussed writing reception reports ... Jeff Kadet said he was 18 ... Paul Lotsof started working at WBLK-FM ... Larry Godwin arranged a DX Test with VOA Poro, Philippines. // January 26 1990 issue of "DX Monitor" ... Robert Wien of San Jose CA received his 1026th verification, that from KGGO 1460 Des Moines, IA ... John C Johnson of Billings MT received a verie from KRHS 1000 in which the verie signer Arthur Crane told about having his uncle's log book from the 1920's and was pleased to know people still enjoyed DXing ... Gary Siegel of Toledo OH told about a get together with Paul Mount, George Greene and John Clemmer.

Thanks to Eric we have a column this week. This column was typed 1-27-17. 73, John



EASTERN DX ROUNDUP - Eric Bueneman (NØUIH) - 631 Coachway Lane - Hazelwood MO 63042-1347 **DEADLINES: Thursday 2000 EL** E-mail: n0uiheric@gmail.com

TUNING THE DIALS THIS ISSUE:

(KK-VA) Kraig Krist (KG4LAC), Manassas VA

Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop

(RL-NC) Russ Lay, traveling in Nags Head NC

Mopar AM/FM receiver installed in a 2013 Jeep with car antenna

(PS-ON) Paul Snider, Welland ON, Canada

ICOM IC-R75, Pixel RF Pro-1B loop, MFJ-1020C tuner

ACROSS THE DIAL

TN, Ashland City – 1/22 0049 noted with Oldies format, ad for Chatham EMC, promo for *The Shepherd's Hour*, PSA for the local clerk's office, "WQSV" ID, another segment of Oldies, promo for a local production of "The Odd Couple" with mentions of a dinner theater and Nashville, "WQSV Ashland City, Tennessee" legal ID at 0100. A poor to very poor signal was noted, mixing with WAEB and other stations, confirmed via Tune-In Web stream. Web site address is now WQSV 790 AM-dot-com. Apparent call change, ex-WJNA. (PS-ON) 790 WQSV

850 KOA

CO, Denver – 1/19 2236 noted with a mention of Denver, *The Dave Ramsey Show*, ad cluster including one for a law firm mentioning Area Code 303, "KOA News Radio" ID at 2249. A fair at times to very poor signal was noted, mostly under WKNR. (PS-ON)

NC, Garner – 1/19 0702 noted with "WRTG Raleigh/Durham... La Grande" quasi-legal ID by a heavily accented male announcer in English; a new station in the logbook. The signal was noted mixing with WMVP and unidentified stations with talk, Classic Hits and Country formats. (KK-VA) 1000 WRTG

1040 WZSK PA, Everett – 1/19 0731 noted with a mention of "Brought to you by the Pennsylvania School Board Association" by one male announcer and "News/Talk 1040 Accu-Weather forecast" by another male announcer. The signal was noted mixing with WHO, CJMS and an unidentified station with vocal music in Spanish. (KK-VA) (Your Spanish station with vocal music is most likely WSGH Lewisville NC – eb) **NJ**, Wildwood – 1/19 1050 noted with Oldies format, ID for WMID 1340, into local and regional sports talk. The signal overpowered WJOI, 70 miles

1230 WCMC away in Norfolk, VA, and stronger than WMID. (RL-NC)

NJ, Morristown – 1/18 2036 noted with "WMTR" ID by a female announcer, into an Oldies format. The signal was mostly under an unidentified 1250 WMTR

station with a talk format. (RL-NC) (Two possibilities for your unidentified talker: WGHB Farmville NC or WTMA Charleston SC - eb) 1340 WMID NJ, Atlantic City - 1/19 1030 noted with an Oldies format, ID with mention of Web streaming, into local and regional sports talk. A fair signal was

noted, but weaker than WCMC 1230. (RL-NC)

TN, Franklin – 1/22 1839 noted with upbeat Adult Contemporary music and talk between songs in Spanish, "Bonita" mention at 1842 before 1380 WHEW another music set. A fair to very poor signal, mixing with an unidentified station with a talk format in Spanish. (PS-ON)

EDITOR'S NOTES

Thanks to Kraig and Paul... and welcome back to the hobby to Russ! The part of North Carolina Russ is reporting from is also noted for coastal FM and digital TV DX via tropospheric propagation; FM and TV stations from up and down the Atlantic Coast has been noted in that part of the Tarheel State. The Outer Banks could also be a great place for Latin American BCB DX. 73 and good DX from NØUIH



DX WORLDWIDE - WEST - Temp: Phil Bytheway - 9705 Mary Ave NW - Seattle WA 98117-2334 E-mail: phil_tekno@yahoo.com all times UTC

Mondays 1201 PM PLT. All times UTC/GMT. We are looking for a new editor for this column, contact me if interested phil_tekno@yahoo.com.

TRANS-PACIFIC DX ROUNDUP

- JAPAN JOIK, Sapporo, NHK1. Man and woman in Japanese //594 (which was poorer just now) 1524 12/24 poor to fair. (NHP-BC)
- JAPAN JOAK, Tokyo, NHK1. Was best at 1157 1/23 with fair signal. Also in at 1300, but at poor level. (NP-AB)
- REP KOREA HLSA, Seoul, KBS2. Very good level pop music at 1525 1/30; the only TP seeming to get any kind of sunrise enhancement boost https://app.box.com/s/tir1d2gnh486wj7w5ktzkd5wqxg3n0v1. (GDB-WA)
- 612 AUSTRALIA 4QR, Brisbane. Had been heard fairly well earlier, but this shone at 1504 12/23 with a perfectly readable sports report, capital area weather for various capitals (warm... that was 30-35 degrees C, not the 30-35 F this listener was experiencing), then ABC News and ABC local radio promo. Also at good to excellent level, pop music 1509 1/9, //702, man mentioning ABC 1510. Near this level again at 1537. (NHP-BC)
- DPR KOREA Pyongyang, Pyongyang BS. Rapid-fire Korean male shouter at 1340 1/30; signal seemed to bail with increasing daylight https://app.box.com/s/x9bpcwtx45vrd1xxmfh56dbxrh0n0i47. (GDB-WA)
- JAPAN JOAB, Tokyo, NHK2. The best performer today, with man in Japanese at 1257 1/23 bordering on good level. The only one still at fair level at 1500. (NP-AB)
 - +Man in Japanese 1538 1/24, poor to fair signal; CBU-690 quite suppressed this morning, so, less splatter. (NHP-BC)

- 702 AUSTRALIA 2BL, Sydney. Man talking, woman on phone, fair to poor signal, DU English //774 1314 12/23; heard as late as 1536, but weaker. Briefly fair to good 1358 1/9, man talking //612, fading as hour approached, pips barely heard. (NHP-BC)
- AUSTRALIA 2NR, Grafton. Man in DU English, fair to poor; another man on phone //702 1328 12/23; man talking to another man on phone //612 poor to fair 1543 1/8. (NHP-BC)
- JAPAN JOIB, Sapporo. NHK2. Poor, with language lesson at 1258 1/23. (NP-AB)

+Music box sign off 1541 1/23, excellent level, strongest signal all morning. (NHP-BC)

+With faint audio at 1411 1/30. (CB-CO)

AUSTRALIA 3LO, Melbourne. 6 pips and fanfare slipping through splash, poor to fair, man saying "ABC news" 1300 1/8. (NHP-BC)

JAPAN JOUB, Akita, NHK2. Man in Japanese 1340 1/7, reached good to excellent level briefly. (NHP-BC)

- +Most often the best Japanese here, but an underachiever today, with a poor level at 1159 1/23 being the best it could do. Just time pips audible at 1500.
- +Was poor-to-fair at 1218-1224 1/24 on SDR. Nothing was heard afterward. (RA-OK)
- +Was heard with poor signal fading in and out from 1135 until 1252 1/26. (RA-OK)

- UnID. 1/24 There was a consistent carrier on 828 (JOBB?) producing a strong heterodyne against WCCO until after sunrise. (RA-OK)
- DPR KOREA Sinuiju, KCBS. Was in fairly well today at 1847 1/27 with its usual music. https://www.youtube.com/watch?v=SFe8bfxWOxU. (PW-AK)
- REP KOREA HLCA, Dangjin. Korean female pop music at S9 level at 1335 1/30; along with 594 and 747, the strongest TP's of the session
- https://app.box.com/s/0on1tjdv41o0p3bbnku56acdp6w4ygki. (GDB-WA)
- AUSTRALIA 4BC, Brisbane. "On Brisbane's news talk 4BC" by man 1537 1/8, generally weak, but quite clear at times. (NHP-BC)
 - +Traces of song by Lionel Richie at 1435 1/29. Confirmed on webstream. (NP-AB)
- 1170 REP KOREA HLŚR, Gimje, KBS Hamminjok Bangsong. 1/27 with man and woman talking. Hear that guy underneath them? That's Dr David Jeremiah from the 50,000 watts of KJNP 1170, 300 miles away. Usually, more often they blast in with no sign of KBS. Sometimes the two compete for the rights to 1170 and not often, but sometimes KBS full takes over. One morning, I had KBS2 1170 in the clear, with no KJNP and a half hour later, KBS2 was gone and KJNP was in the clear. https://www.youtube.com/watch?v=HFTD71VVhDU. (PW-AK)
- JAPAN JOLF, Tokyo. Was nearly perfect 1/27, heard with "All Night Nippon" jingle back into talk programming from the show.

https://www.youtube.com/watch?v=E1gU5eYjj6c. (PW-AK)

- CHINA Xingyang, CNR1. Man and woman talking //1593 with slight offset, 1544 1/16, poor at best. (NHP-BC)
- JAPAN NHK2 synchros. JOQC Morioka most likely? Music box s/off 1543 1/16, poor but easily recognizable. (NHP-BC) 1386

- +Precisely like yesterday, time pips heard at 1500 1/23, but that was it. (NP-AB)

 1422 JAPAN JORF, Yokohama. Assumed with woman in Japanese 1548 1/16, poor to fair. (NHP-BC)

 REP KOREA HLAZ, Jeju, FEBC. Man in Korean 1603 1/16, excellent signal, with several other peaks during sunrise enhancement; several smaller peaks between 1430-1545 as well. There were a few times this month when audio was heard from this (weakly) as late as 1700. (NHP-BC)
 - +Traces of talk at 1258 1/23. (NP-AB)
 - +Weak audio with a male speaking was heard from 1419-1421 1/24. (CB-CO)
 - +There was only a trace of a signal on 1566 at 1313-1319 1/25 which faded away well before sunrise. (RA-OK)
 - +Was loud, clear, steady and stable with man preaching in Russian at 1844 1/27. https://www.youtube.com/watch?v=b-lwuEw0BJc. (PW-AK)
- THAILAND Ban Phachi, VOA. Woman in SE Asian language 1540 1/25 very good level, VoA jingle 1542. (NHP-BC) +Very weak, with bits of talk around 1455 1/29. (NP-AB)
- CHINA Changzhou, CNR1. Man in Chinese 1549 1/16 was likely its biggest peak, very good signal but a number of other times noted from 1430 onwards, with //6125 noted once that faded in. about 1545. (NHP-BC)

TRANS-ATLANTIC DX ROUNDUP

- 162 FRANCE Allouis, France Inter. 1/24 Also, there appears to be a carrier here from Allouis. (RA-OK)
- MOROCCO Medi 1, Nador. With poor signal strength at 0035 1/29. (RA-OK)
- +Is the strongest I've heard it in guite awhile, weak/medium at 0200 1/31. (SR-AZ) UNITED KINGDOM BBC Radio Four, Droitwich. 1/24 poor signal strength. (RA-OK)
- +Poor at 2110 1/30. (RA-OK)
- ALGERIA Chaîne 3, Tipaza, Radio Algérienne. 1/24 fair signal strength. (RA-OK)
- 864t EGYPT Santah, ERTU Al-Quran al-Karim. 0335 1/26. Fair to poor for a minute or two, Arab man chanting. Did check streaming parallel, but difficult to say if the chanting there was exactly the same as the chanting on the radio. But Egypt is the only Quran chanter on 864. (NHP-BC)
- UNITED KINGDOM Absolute Radio synchros. 0238 1/26 https://youtu.be/4qciW7PJSuk. Here's how they sounded at 1916 1/25 https://youtu.be/FgSgxPJSQ1o. (PW-AK)

PAN AMERICAN DX ROUNDUP

780 MÉXICO, XESFT, San Fernando, Tama. 1/26 very good in KKOH null. 0455 out of music with "XESFT" calls, mention of power, etc. New for me. (JcJ-AZ)

THANKS TO THESE REPORTERS

- CRAIG BARNES, Wheat Ridge CO (via eGroup) CB-CO
 - Drake R8A indoor spiral 1m loop JOHN C JOHNSON, Mesa AZ
- JcJ-AZ
- IC-R75, Wellbrook ALA1530LNP loop
 NICK HALL-PATCH, Victoria BC nhp@ieee.org NHP-BC
- - Drake R8, RFSpace NetSDR; RFSpace SDR-14 running DX Fishbarrel program; north FLG-100 antenna, west FLG-100 antenna, 1m indoor box loop, 14m sloper, DXP-3 phasing unit.

 NIGEL PIMBLETT, Dunmore AB (via eGroup)
- NP-AB Perseus SDR with a Wellbrook Phased Array
- PW-AK
- PAUL WALKER, Galena AK (via eGroup)
 Grundig Satelit 750, Lowe HF225, 2 225 foot long wires, Wellbrook ALA 1530 LNP, DXEngineering HF PreAmp
- RICHARD ALLEN, near Perry OK (via eGroup) RA-OK
- WR-G313e, ALA1530LNP-NA. C Crane Skywave and Tecsun PL-380 with an 8-inch FSL antenna.
- SR-AZ STEVE RATZLAFF, near Sahuarita AZ (via eGroup)

R75; E/W longwire



DXpeditions – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334 E-mail: phil tekno@yahoo.com

> Long Beach Island-15 DXpedition via Russ Edmunds

The 15th annual Long Beach Island DXpedition took place in Ship Bottom NJ November 3-5 2016. Conditions were moderately auroral, although a few TAs did sneak through. The result was many new loggings from México, Colombia, Venezuela and Nicaragua as well as numerous new domestics. These conditions also enabled us to add Ecuador to our list of countries heard. We also welcomed a new member of the crew, Doug Maset of Newburgh NY.

For this year, owing to the prior year's experiences with the final reconfiguration of the beach in the aftermath of Superstorm Sandy, we moved our headquarters from the middle of the building on the beach to the South end. This provided us with corner rooms which in turn had less electrical noise and easier access to the areas where we could place our antennas.

As a result of greater use of SDRs, we had a larger number of loggings than we have had in any prior year, but that comes with the side effect of taking longer to compile a group log

As always, regardless of the conditions, the act of getting together to DX and talk about DX remains the highlight of the weekend.

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LBI-15/2016 Attendees
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Kris Field - Horsham PA - NRD-545; ELAD FDM -S2 SDR

Michael Hunter (W2MHZ) - Neshanic Station NJ - Perseus SDR

Ralph Brandi - Middletown NJ - Perseus SDR

Bob Galerstein (WB2VGD) – Monroe NY – Drake R8B Dave Hochfelder (N2HTA) – Albany NY – Perseus SDR

Russ Edmunds (WB2BJH) – Blue Bell PA – 2 Modified Sony ICF 2010's Bill Nollman – Farmington CT – ELAD FDM-S2 SDR Brett Saylor (W3SWL) – State College PA – Perseus SDR, ELAD FDM-S2 SDR Bill Whitacre – Alexandria VA – Perseus SDR Doug Maset (N2LEA) - Newburgh NY - ELAD FDM S1 SDR

Nick Langan (W2NJL) - Tabernacle NJ (Saturday night only)

Steve Walko (K3PHL), (Saturday night only)

Michael Temme-Soifer - Princeton NJ (Saturday night only)

16x32' pre-amplified flag, 6' pre-amplified Broadband Loop, Wellbrook ALA-1530 (2)

- 100 NJ, Diamond Beach, eLORAN. 0400 11/6/16. Pulsing wide-band signal.
- 198 **NC**, DIW, Dixon. 0127 11/5/16. NDB. 216 **NC**, CLB, Carolina Beach. 2156 11/4/2016. NDB. 248 **QC**, UL, Montreal. 0133 11/5/2016. NDB.
- MD, CBE, Cumberland. 0236 11/5/2016. NDB. 317
- 326 **NB**, FC, Fredericton. 0322 11/5/2016. NDB. 329 **SC**, CH, Charleston. 0228 11/5/2016. NDB.
- 332 FL, FIS, Key West. 0139 11/5/2016. NDB.
- 335 AR, BV, Batesville. 0235 11/5/2016. NDB.
- 344 ON, ZOW, Ottawa. 0141 11/5/2016. NDB.
- 360 QC, PN, Port Menier. 0126 11/5/2016. NDB.
- 363 NJ, RNB, Millville. 1410 11/4/2016. NDB. 373 VA, AEA, South Hill. 0239 11/5/2016. NDB.
- 392 QC, ML, Charlevoix. 0245 11/5/2016. NDB.
- 400 **NY**, FO, Westhampton. 1412 11/4/2016. NDB. **NY**, FR, Farmingdale. 1413 11/4/2016. NDB.
- 520 NB, F9, Miramichi. 0334 11/5/2016. NDB.
- CUBA CMBQ, Villa María, Radio Enciclopedia. 2301 11/3/2016. Music, ID "Transmite CMBQ, Radio Enciclopedia, desde la Habana, Cuba." CUBA CM--, Radio Rebelde synchros. 2300 11/3/2016. ID under Enciclopedia "Rebelde, desde la Habana, emisora de la revolucion", stingers.
- 539.86 NICARAGUA YNA3OW, Managua, Radio Corporación. 0307 11/5/2016. Sports commentary, ID.
- 540 FL, WFLF, Pine Hills. 2259 11/3/2016. Promo for election returns on Tuesday, ID.
 - MD, WGOP, Pocomoke City. 2000 11/3/2016. Rhinestone Cowboy, ID, ABC news, Obama campaigning for Clinton.

 - NC, WETC, Wendell-Zebulon. 1101 11/5/2016. ID, Spanish-language religious music.

 COLOMBIA HJKA, Bogotá, Radio Auténtica. 0700 11/5/2016. ID "Radio Auténtica, 540 AM, en Bogotá."

 - CUBA CM--, Radio Rebelde synchros. 0030 11/4/2016. Sportsball commentary, //530, 600.

 DOMINICAN REPUBLIC HICM, Santo Domingo, Radio ABC. 0150 11/4/2016. Spanish talk by man with "Radio ABC... 540 AM" ID over guitar and singing
- FL, WAYR, Orange Park. 0800 11/4/2016. ID in mix.
 - GA, WDUN, Gainesville. 2239 11/5/2016. Sports, local promo.
 - NC, WIOZ, Pinehurst. 2259 11/3/2016. The Most Beautiful Girl, ID "More of America's Best Music still ahead after world and national news, next, on 550 WIOZ AM, Pinehurst. It's 7 o'clock."
 - NC, WAME, Statesville. 2215 11/5/2016. Classic Country, local ad.
 - VA, WSVA, Harrisonburg. 2359 11/3/2016. ID.
 - CUBA CM--, Pinar del Řío, Radio Rebelde. 2359 11/3/2016. Sportsball commentary, mention of Internet and Rebelde, mentions of Camagüey.
- 560 FL, WQAM, Miami. 0459 11/4/2016. ID with jingle, "Home of the Dolphins", CBS Sports Radio. SC, WVOC, Columbia. 1100 11/4/2016. ID, Fox news.
- CUBA CM--, Ciego de Avila, Radio Rebelde. 2359 11/3/2016. Sportsball commentary, mention of Internet and Rebelde, mentions of Camagüey.
- FL, WTBN, Pinellas Park. 0400 11/5/2016. "Faithtalk 570" and calls including WTWD-910, over Reloj and Rebelde.
 - OH, WKBN, Youngstown. 2200 11/5/2016. ID under WMCA
 - COLOMBIA HJNĎ, Bogotá, Radio Nacional de Colombia. 0559 11/4/2016. ID "Radio Nacional de Colombia... Musica, y Información." Also ID @ 0759, "Radio Nacional de Colombia, la radio de todo."
- CUBA CMDC, Santa Clara, Radio Reloj. 2200 11/3/2016. ID, time clicks, "RR" Morse code IDs; well over WMCA.

 580 GA, WGAC, Augusta. 0759 11/4/2016. ID in mix, CBS news.

 MA, WTAG, Worcester. 0200 11/4/2016. News Radio 580 TOH ID; football game.
- - **PA**, WHP, Harrisburg. 2353 11/3/2016. ID.
 - WV, WCHS, Charleston. 0500 11/5/2016. ID, ABC news.
 - PUERTO RICO WKAQ, San Juan. 2354 11/3/2016. ID "WKAQ 580", Las noticias nacional hora.
- FL, WAFC, Clewiston. 2259 11/3/2016. ID for 92.5, 590, and 100.5.
 - KY, WVLK, Lexington. 2204 11/5/2016. News, ID.

 - VA, WLES, Bon Air. 2100 11/3/2016. ID "This is Truth, AM 590 WLES Bon Air and W249Cl Bellwood", news from townhall.com.

 CUBA CM--, Guantanamo, Radio Rebelde. 0400 11/5/2016. Cuban national anthem, under Radio Musical Nacional also with Cuban national anthem,
 - CUBA CMHI, La Julia, Radio Musical Nacional. 2358 11/3/2016. Classical music, ID.
 - DOMINICAN REPUBLIC HIDV, La Vega, Radio Santa Maria. 2300 11/4/2016. Fair to good. Religious; woman leading prayer with children. //web.
 - MÉXICO XEFD, Rio Bravo. 0859 11/4/2016. Up briefly with calls by female announcer, over/under HIDV and Radio Musical Cuba. CUBA CM--, San Germán, Radio Rebelde. 2200 11/3/2016. ID in passing, "Lo que necesitas para cada dia", stinger, news
- PUERTO RICO WYEL, Mayaguez. 2359 11/3/2016. ID for WKAQ 580, followed by ID for all relay stations, under Rebelde, //580. 610 FL, WIOD, Miami. 0000 11/4/2016. ID in mix.
- CUBA CM--, Radio Rebelde synchros. 2359 11/3/2016. Sportsball commentary, mention of Internet and Rebelde, mentions of Camagüey.
- 620 FL, WDAE, St Petersburg. 2302 11/3/2016. Tampa Bay Buccaneers football pre-game show, ID.
 CUBA CM--, Colón, Radio Rebelde. 2359 11/3/2016. Sportsball commentary, mention of Internet and Rebelde, mentions of Camagüey.
 630 MO, KYFI, St Louis. 0400 11/5/2016. "Amazing Grace", ID into SRN news.
- - CUBA CM--, Camagüey, Radio Progreso. 0030 11/4/2016. Live music, slogan ID "Onda de la Alegría", full ID @ 0030.
- PUERTO RICO WUNO, San Juan. 0001 11/4/2016. Slogan ID "NotiUno" under Progreso. 640 NC, WFNC, Fayetteville. 2302 11/3/2016. ID in mix.
- CUBA CM--, Radio Progreso synchros. 2200 11/3/2016. Long ID "Radio Progreso, Cadena nacional, la onda de la alegría, transmite desde la Habana, Cuba, territorio libre en America.'
- COLOMBIA HJKH, Bogotá, RCN Antena 2. 0859 11/5/2016. Lengthy ID by woman with three mentions of Antena Dos, under WSM.
 - CUBA CM--, Ciego de Avila, Radio Progreso. 2200 11/3/2016. Long ID "Radio Progreso, Cadena nacional, la onda de la alegría, transmite desde la Habana, Cuba, territorio libre en America."
- FL, WORL, Altamonte Springs. 2200 11/3/2016. Partial ID for 105.5 FM heard in speech gaps under WFAN.
 - CUBA CM--, Jovellanos, Radio Progreso. 0030 11/4/2016. ID under WFAN.
- 670 FL, WWFE, Miami, La Poderosa. 0500 11/6/2016. 'God Bless America' song, La Poderosa IDs, under Rebelde.
 - CUBA CM--, Radio Rebelde synchros. 2200 11/3/2016. ID in passing "Lo que necesitas para cada dia", stinger, news.

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680 FL, WGES, St Petersburg. 1100, 11/4/2016. ID "La estacion para todos, WGES." Thanks Don Moore for figuring this one out.
        GA, WCNN, Atlanta. 2300 11/3/2016. ID, Proud to be Atlanta's football center, Georgia State Panthers football pre-game show.
        KY, WHBE, Hamburg. 0459 11/6/2016. ID.
        COLOMBIÁ HJZO, Barranquilla, Radio Nacional de Colombia. 0500 11/6/2016. Light classical music, ID "Radio Nacional de Colombia..." into Latin musical
          number.
        CUBA CM--, Radio Rebelde. 0009 11/4/2016. //670.
        CUBA CM--, Radio Progreso. 0009 11/4/2016. //640.
         PUERTO RICO WAPA, San Juan. 0001 11/4/2016. ID "Esta es La Poderosa, WAPA 680", followed by IDs for stations relaying WAPA.
       FL, WOKV, Jacksonville. 2330 11/5/2016. News topping channel until apparent pattern/power switch.
         LA, WQNO, New Orleans. 0500 11/5/2016. ID, EWTN programming.
        PA, WPHE, Phoenixville. 2000 11/3/2016. ID for Radio Salvación, Spanish religious programming.
        VA, WZAP, Bristol. 2259 11/4/2016. Power reduction notice @ 2258, ID @ 2259 "On the one to turn to, WZAP."
        WV, WELD, Fisher. 1101 11/5/2016. ID, Ad by Democratic Party, weather, mixing with Progreso. COLOMBIA HJCZ, Bogotá, W Radio. 0559 11/5/2016. Promo for US election coverage, ID.
        CUBA CM--, Radio Progreso synchros. 2200 11/3/2016. Long ID "Radio Progreso, Cadena nacional, la onda de la alegría, transmite desde la Habana,
          Cuba, territorio libre en America.'
         MÉXICO XEN, México, DF. 0301 11/4/2016. De La Vez en Radio Vez, thanks for people on AM and FM, ID.
       MD, WDMV, Walkersville. 2200 11/3/2016. Slogan ID "La Jefa" @ 2159, accordion music, off abruptly @ 2200 mid-song.
         COLOMBIA HJCX, Cali. 2359 11/3/2016. Program promo, promo for US election coverage by several networks in Colombia, ID under WLW, mentions of
          Bogotá.
         MÉXICO XEDKR, Guadalajara, Jal, Radio Red. 0500 11/5/2016. Lengthy ID.
 710 FL. WAQI, Miami, 1100 11/4/2016, ID, under Rebelde,
         CUBA CM--, La Palma, Radio Guamá. 2358 11/3/2016. Pop music festival for youth with man and woman announcers, //990, mention of "Radio Pinareña",
          which refers to Pinar del Río, home of Radio Guamá. No ID heard.
         CUBA CM--, Radio Rebelde synchros. 2300 11/3/2016. Announcement that AM and FM networks are splitting programming at this time, ID, sportsball
       game between Camagüey and Matanzas. FL, WRZN, Hernando. 2259 11/3/2016. ID, SRN news.
        NC, WGCR, Pisgah Forest. 2157 11/5/2016. Southern gospel music, ID, weather.
        PA, WHYF, Shiremanstown. 2059 11/3/2016. ID "This is Holy Family Radio, AM 720 WHYF, Shiremanstown/Harrisburg."

NICARAGUA YNA3RC, Managua, Radio Catolica. 1000 11/6/2016. Priest talking about the need to say the rosary for all Nicaraguense @ 1058, no ID
          heard 11/4/2016; Music, Nicaraguan national anthem @ 1000 under WGN.
730 VA, WTNT, Alexandria. 2000 11/3/2016. Mexican music, ID in Spanish, "La Capital!" talk by woman.

CUBA CM--, La Fe, Radio Progreso. 2200 11/3/2016. Long ID "Radio Progreso, Cadena nacional, la onda de la alegría, transmite desde la Habana, Cuba,
          territorio libre en America."
740 FL, WSBR, Boca Raton. 2259 11/3/2016. Slogan ID "South Florida's Money Talk Radio." VA, WMBG, Williamsburg. 2200 11/3/2016. ID under CFZM.
          CUBA CMKO, Sagua de Tánamo, Radio Angulo. 0000 11/4/2016. ID under CFZM "Radio Angulo, transmitiendo desde Holguín."
 750 NC, WAUG, New Hope. 2200 11/5/2016. ID.
         CUBA CMHV, Palmira, Radio Progreso. 2200 11/3/2016. Long ID "Radio Progreso, Cadena nacional, la onda de la alegría, transmite desde la Habana,
        Cuba, territorio libre en America", barely audible under WSB.

VENEZUELA YVKS, Caracas, RCR 750 Radio Caracas Radio. 2259 11/3/2016. Lengthy ID for multiple frequencies and cities @ 2258, shorter network-
 style ID @ 2259, mixing with WSB.

760 FL, WLCC, Brandon. 2159 11/3/2016. ID "WLCC, Brandon/Tampa/St Petersburg/Clearwater... 760 AM, Radio Luz", ads for businesses in Tampa.
      pFL, WEFL, Tequesta. 1059 11/4/2016. Many promos for ESPN Deportes, including for a bilingual program on ESPN2.
        MA, WVNE, Leicester. 2159 11/5/2016. ID under WJR.
         COLOMBIA, HJAJ, Barranguilla, RCN. 2300 11/3/2016. Canned ID, national anthem of Colombia, promo for RCN news about US elections with quotes
          from Hillary Clinton and Donald Trump in English, another ID, over WJR; Promo for journalist who won the Simon Bolivar prize, local ID for RCN
          Barranquilla 760 @ 2358.
         CUBA, CM--, Radio Progresso synchros. 2000 11/5/2016. //750, 640.
         MÉXICO XEABC, México, DF, ABC Radio. 0859 11/4/2016. ID "ABC Radio, XEABC AM", another ID "ABC Radio, Siete Sesenta", music, under WJR.
PUERTO RICO WORA, Mayagüez. 1000 11/4/2016. Slogan ID "NotiUno" heard in mud under XEABC.

770 NC, WLWL, Rockingham. 1101 11/5/2016. Sign on, North Carolina Beach Music's station of the year.

OH, WAIS, Buchtel. 0115 11/5/2016. High School football, ID.

VA, WYRV, Cedar Bluff. 1100 11/4/2016. Gospel music, ID.
         COLOMBIA HJJX, Bogotá, RCN La Radio. 0400 11/5/2016. "R-C-N" Christmas jingle then 5 time pips //760 under 2 Cubans and WJR.
        CUBA CMKB, Las Tunas, Radio Rebelde. 2300 11/3/2016. Announcement that AM and FM networks are splitting programming at this time, ID, sportsball
          game between Camagüey and Matanzas
         CÜBA CM--, Radio Artemisa. 2359 11/3/2016. Guitar and keening voice, ID @ 2358 "Su favorita, Radio Artemisa", jingle ID @ 2359 "Quiere bailar...
          Quiere saber, Radio Artemisa....
 780 NC, WWOL, Forest City. 2200 11/3/2016. ID, "You're listening to Wonderful Words of Life, WWOL Forest City, North Carolina, the gospel voice of the
          Carolina foothills."
        VA, WAVA, Arlington. 2000 11/3/2016. Go to wavaam.com, enter the keyword "listener", and take the listener survey now, ID. COLOMBIA HJFV, Pasto, Radio Viva. 0500 11/5/2016. Jingle ID, twice, mixing with WBBM.
         VENEZUELA YVMN, Coro, Radio Coro. 2349 11/3/2016. Lengthy talk by woman, ID "Informador 780 por Radio Coro."
 783 MAURETANIA Nouakchott. 0152 11/5/2016. Arabic talk w/French accent.
790 KY, WKRD, Louisville. 0331 11/4/2016. End of High School football Lexington Christian; Henry Clay, Sacred Heart; Greenwood; Frankfort; Kentucky High
School Scoreboard.

TN, WETB, Johnson City. 2200 11/5/2016. Southern gospel music, ID.

VA, WNIS, Norfolk. 2200 11/3/2016. Ad for Uber aimed at drivers, ID, Fox news.

CUBA CMAQ, Radio Reloj synchros. 2300 11/3/2016. Time clicks, ID @ 2259, Time pip, "RR" Morse code ID @ 2300.

MÉXICO XERC, México, DF, Formato 21. 0900 11/4/2016. ID "Noticias en Formato Ventiuno"; mixing with Radio Reloj.

800 GA, WJAT, Swainsboro. 1059 11/4/2016. ID in mix.

BONAIRE PJB, Kralendijk, Radio Transmundial. 0100 11/5/2016, ID.

810 AL, WCKA, Jacksonville. 2233 11/4/2016. "Country" ID.

FL, WRSO, Orlavista. 0500 11/6/2016. "Brazil Radio" IDs and mentions of Orlando. Thought it was a Brazilian at first!

MD, WYRE, Annapolis. 2005 11/3/2016. Slogan ID @ 2001 for "KHZTV", link to khztv.com, again @ 2005, dance music.

PA, WEDO, McKeesport. 2159 11/3/2016. "Southern Gospel, ID."

BAHAMAS ZNS-3, Freeport, Radio Bahamas. 1058 11/6/2016. The following is the preamble to the Constitution of the Commonwealth of the Bahamas.

COLOMBIA HJCY, Bogotá, Caracol. 0000 11/3/2016. ID @ 2358 "Caracol Radio, Señal Cadena", promo for coverage of US elections by several Colombian networks, another ID, jingle ID @ 0000.
           School Scoreboard.
COLOMBIA HJCY, Bogota, Caracol. 0000 11/3/2016. ID @ 2358 "Caracol Radio, Senal Cadena", price Colombian networks, another ID, jingle ID @ 0000.

CUBA CM--, Guantánamo, Radio Progreso. 0300 11/4/2016. Theme music //640.

820 FL, WWBA, Largo. 2159 11/3/2016. ID for previous call WMGG, news from townhall.com.

IL, WCPT, Willow Springs. 2226 11/4/2016. Talk, ID.

MD, WWFD, Frederick. 2059 11/3/2016. ID for translator W283CD heard in gap in audio from WNYC.

TX, WBAP, Dallas. 0304 11/4/2016. WBAP News; Chris Kroft program talk. Charter 13/2 11/4/2016. WBAP News; Chris Kroft program talk.
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VA, WNTW, Chester. 0133 11/5/2016. Spot for Friday afternoon talk show Central Virginia 3-6 PM WNTW The Answer. SRN news before spot. CUBA CMDE, Ciego de Avila, Radio Reloj. 2259 11/3/2016. "RR" Morse code IDs heard @ 2258, 2259, time clicks, under WVSG. CUBA CMCA, Arroyo Arenas, Radio Ciudad de la Habana. 0311 11/4/2016. Pop music, ID "Es una producion de Radio Ciudad de la Habana."

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830 LA, WFNO, Norco. 2358 11/3/2016. Latin pop music, ID "WFNO, Norco, La Fabulosa."
          NC, WTRU, Kernersville. 2159 11/3/2016. ID, news from townhall.com.
          DOMINICAN REPUBLIC HIJB, Santo Domingo. 0202 11/6/2016. Romantic Latin pop music, ID "HIJB"

    MD, WKDI, Denton. 2000 11/3/2016. ID "This is the station you've come to rely on for Bible teaching ministries, AM 840, WKDI", program "Wise Money".
    CUBA CHMW, Santa Clara, Doblevé. 0257 11/4/2016. Music, News with ID "Noticias. Las Noticias... CHMW Doblevé."
    FL, WRUF, Gainesville. 2259 11/3/2016. Talk about University of Florida football, ID.
    NC, WPTK, Raleigh. 2250 11/4/2016. Oldies, ID.

          VA, WTAR, Norfolk. 2200 11/3/2016. ID.
          COLOMBIA HJKC, Bogotá, Candela AM. 0759 11/4/2016. ID "Candela, Ocho Cincuenta AM."
          CUBA CM--, Nueva Gerona, Radio Reloj. 0031 11/4/2016. "RR" Morse code ID.
          SPAIN various RNE1. 2319 11/3/2016. Spanish rock, talk.
  860 PA, WAOB, Millvale. 0859 11/5/2016. ID over CJBC.
           CUBA CMDB, Radio Reloj synchros. 0900 11/4/2016. ID, "RR" Morse code ID, over CJBC.
 MÉXICO XEAL, Manzanillo, Radio Fórmula. 0902 11/6/2016. Music, ID, mixing with CJBC.

870 LA, WWL, New Orleans. 2259 11/3/2016. Culinary supply store, ID "The news talk and sports leader, The Big 870, WWL New Orleans, 105 3 WWL-FM
            HD1, Kenner/New Orleans", WWL First News.
           CUBA CM--, Radio Reloj synchros. 2200 11/3/2016. "RR" Morse code ID heard @ 2159, ID @ 2200 under presumed WTCG.
         NC, WRRZ, Clinton. 0800 11/5/2016. Spanish pop religious music, ID in English "This is WRRZ 880 AM, Clinton, North Carolina, Radio Nueva Vida!";
            daytimer on at 4 am!
          CUBA CM--, Pinar del Río-San Juan, Radio Progreso. 0030 11/4/2016. Full ID.
          MÉXICO XEAAA, Guadalajara, Jal, ESNE Radio. 0601 11/4/2016. Mexican National Anthem, ID "XE triple-A, 880 AM... Guadalajara de México. ESNE
            Radio." Under WCBS
  890 PA, WFKJ, Cashtown. 2102 11/3/2016. Sign off announcement "This ends our broadcast day on... radio WFKJ. This station operates on an assigned
            frequency of 890 kHz.'
           CUBA CM--, Chambas, Radio Progreso. 0030 11/4/2016. Full ID.
  900 DE, WJWL, Georgetown. 2001 11/3/2016. Latin accordion music, ID under WJWL. FL, WMOP, Ocala. 1059 11/4/2016. ID "This is your home for sports talk... WGGG Gainesville, WMOP Ocala, W261BA Ocala, W221DX Gainesville, this is
            your Florida sports talk station."
          NC, WIAM, Williamston. 2201 11/3/2016. Contemporary Christian music, ID.
          CUBA CM--, San Germán, Radio Progreso. 0030 11/4/2016. Full ID.
         SC, WTMZ, Dorchester Terrace. 0859 11/4/2016. College football report, ID "WTMZ, Dorchester Terrace/Brentwood/Charleston."
 VA, WRNL, Richmond. 2159 11/3/2016. ID "Fox Sports 910 WRNL, Richmond", Fox sports news, Cubs having a parade.

CUBA CM--, Camagüey, Radio Cadena Agramonte. 0202 11/5/2016. Drum-based music, ID.

CUBA CMBL, Villa María, Radio Metropolitana. 1000 11/4/2016. Talk about the Cuban family, ID, music.

WV, WMMN, Fairmont. 0600 11/4/2016. "Back to Penguins Hockey on 920 AM, WMMN."

ON, CKNX, Wingham. 0001 11/4/2016. Hockey game, Promo for Focus on the Family, heard weekday afternoons at 5:30 on CKNX.
  930 DE, WYUS, Dover. 2000 11/3/2016. ID, ESPN, local sports news.
          MD, WFMD, Frederick. 0300 11/4/2016. ID, Fox news.
          NC, WYFQ, Charlotte. 1000 11/4/2016. Choral singing, ID, SRN news.
          NC, WDLX, Washington. 2202 11/3/2016. ID for WGMB-1250, "Pirate Radio."
         VA, WLLL, Lynchburg. 2255 11/3/2016. Lengthy jingle ID, gospel music.

CUBA CM--, Radio Reloj synchros. 0300 11/4/2016. "RR" Morse code ID heard well under WFMD.

KY, WCND, Shelbyville. 0900 11/6/2016. Norteño music, ID "WCND, Nueva Cuarenta, La Explosival"
          MS, WCPC, Houston. 2258 11/4/2016. Lengthy talk by minister at Praise Experience Church, asking for money, URL www.praiseexperiencechurch.net;
          page at http://www.praiseexperiencechurch.net/radio_ministry.html shows they air on WCPC.

COLOMBIA HJTL, Cúcuta, RCN. 0004 11/4/2016. ID @ 0002, ad for television program, "Las noticias en RCN Radio. Dirije, Yolanda Ruiz", another ID @
          CUBA CM--, Sancti Spíritus, Radio Progreso. 0900 11/5/2016. ID buried in IBOC noise.
          MÉXICO XEQ, México, DF, Le Ke Buena. 0500 11/6/2016. Man in Spanish "X-E-Q A-M, 9-40 Radio" and "La Ke Buena" singing IDs into pop Mexican
           song based loosely on 1950's music.

950 FL, WTLN, Orlando. 2259 11/3/2016. ID under WKDN, mixing with Radio Reloj.
TN, WAKM, Franklin. 1100 11/4/2016. Country music, ID.
CUBA CM--, Radio Reloj synchros. 2358 11/3/2016. "RR" Morse code ID, under WKDN.
960 MD, WTGM, Salisbury. 2000 11/3/2016. ID, Fox sports, game 7 of World Series was a must watch.
PA, WHYL, Carlisle. 2100 11/3/2016. Jackie Blue, ID "Oldies 102.9 WHYL, Carlisle", Oldies 102.9 News with Larry Flood.
VA, WEIR, Pagencka, 2150 11/3/2016. ID, power from toward large.

          VA, WFIR, Roanoke. 2159 11/3/2016. ID, news from townhall.com.
           CUBA CM--, Guantánamo-La Piña, Radio Reloj. 2359 11/3/2016. "RR" Morse code ID.
         FL, WFLA, Tampa. 0500 11/5/2016. ID, Fox news, in mix.
          OH, WFUN, Ashtabula. 0600 11/4/2016. Ad for business in Ashtabula, ID by Urban Meyer, ESPN Sportscenter All Night.
          PA, WBLF, Bellefonte. 2200 11/3/2016. ID "on 970 WBLF, Bellefonte/State College."
          PA, WBGG, Pittsburgh. 2159 11/3/2016. ID, ESPN Sportscenter.
          CUBA CM--, Los Palacios, Radio Guamá. 0359 11/5/2016. Cuban national anthem, not in sync with Rebelde 600, but //990.

MÉXICO XERFR, México, DF, Radio Formula. 0000 11/3/2016. ID @ 2358 "XERFR 970 AM", "Formula Noticias, cada hora" @ 0000, "Transmitiendo
            desde la Ciudad de México a toda la Republica Mexicana y al Estados Unidos."
         NC, WAAV, Leland. 0300 11/4/2016. Jingle ID "980 The Wave, WAAV."
          SC, WAZS, Summerville. 1102 11/4/2016. Mexican music, ID.
        CUBA CM--, Moa-Rolo Monterrey, Radio Reloj. 2258 11/3/2016. "RR" Morse code ID in mix.

CUBA CM--, El Sapo, COCO. 1000 11/4/2016. Talk by man, ID "Radio COCO" in passing.

CUBA CM--, El Sapo, Radio Ciudad de Habana. 0501 11/6/2016. ID, relayed by COCO?

FL, WDYZ, Orlando. 2159 11/3/2016. ID mixing with WNTP, Spanish programming.

NC, WEEB, Southern Pines. 0300 11/5/2016. ID with primary mention of translator on 97.3, in mix.

TN, WNML, Knoxville. 2300 11/3/2016. University of Tennessee Volunteers vs Slippery Rock State basketball, Vols Network; only station on 990 in the Vols
            Network is WNML.
Network is WNML.

CUBA Politécnico, Radio Guamá. 0800 11/5/2016. Music, ID.

1000 IL, WMVP, Chicago. 2302 11/3/2016. Talk about the Cubs, ID.

PA, WICO, Carlisle. 2000 11/3/2016. ABC Country Gold, ID, ABC news.

COLUMBIA HJAQ, Cartagena, RCN. 0858 11/6/2016. ID by man and woman, with bells.

MÉXICO XEOY, México, DF, Radio Mil. 0500 11/4/2016. "XEOY" and Radio Mil ID by Spanish man, music program.

1010 FL, WJXL, Jacksonville. 1100 11/5/2016. ID This is the hope to the Jacksonville Jaguars, WJXL AM Jacksonville Beach, WJFO 92.5, Jacksonville."
          GA, WTZA, Atlanta. 2202 11/3/2016. ID for WTZA, among other calls. ON, CFRB, Toronto. 2333 11/5/2016. News, ID.
          CUBA CM--, Artemisa, Radio Artemisa. 2359 11/3/2016. Guitar and keening voice, ID @ 2358 "Su favorita, Radio Artemisa", jingle ID @ 2359 "Quiere
            bailar... Quiere saber, Radio Artemisa....
           CUBA CM--, Las Tunas, Radio Reloj. 2359 11/3/2016. "RR" Morse code ID under Radio Artemisa.
CUBA CM--, Bahia Honda, Radio Guama. 0104 11/4/2016. ID. 1030 FL, WONQ, Oviedo. 1100 11/4/2016. Latin MOR pop music, ID.
          MD, WWGB, Indian Head. 2000 11/3/2016. ID, Spanish language, "Radio Poder."

MÉXICO XEQR, México, DF, Radio Centro. 2359 11/3/2016. ID @ 2358, Full ID "XEQR AM Radio Centro 1030. Calidad en tu vida. 50,000 watts de
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potencia." @ 2359.

1040 NJ, WCHR, Flemington. 2000 11/3/2016. ID "Let's Talk About Hope."

COLOMBIA HJAI, Barranquilla, Radio Tropical. 0253 11/5/2016. Mention of Libertad network, ID "Radio Tropical, la frecuencia mas" something, Thanks Brett Saylor for the assistance on the ID.

COLOMBIA Bogotá or Pasto, Colmundo. 0900 11/5/2016. ID for Colmundo.

CUBA CMBQ, Ğüines, Radio Mayabeque. 1000 11/4/2016. Cuban national anthem, followed by ID; well under WHO.

1044 SPAIN San Sebastian, SER. 2222 11/5/2016. Spanish teletalk, "Radio San Sebastian" ID, mentions of station website address

www.radiosansebastian.com, excited sports promo with "goooaaaallll!!!" 4 short+1 long time pip on bottom of hour. Very good signal.

SPAIN 2 Locations. 0342 11/5/2016. SER-R - Acoustic guitar, woman announcer Spanish.

1050 GA, WFAM, Augusta. 2159 11/3/2016. ID, lengthy talk about how to contact programs, and you'll get a free Christian book for contacting one of your favorite programs.

VA, WVXX, Norfolk. 2003 11/3/2016. Mexican accordion music, ID "WVXX Norfolk, 1050 AM" in Spanish.

WV. WADC. Parkersburg. 1050 11/3/2016. The Most Beautiful Girl, Dana Holgorsen Show by IMG on Mountaineers Network; WADC is only member of Mountaineers Network on 1050.

COLOMBIA HIAW, Montería, RCN La Radio. 0957 11/4/2016. ID "HIAW, RCN La Radio."

CUBA CMLL, Victoria de las Tunas, Radio Victoria. 0900 11/5/2016. ID "Esta es C-M-L-L, Radio Victoria", AM and FM frequencies, program "Ecos de México.

MÉXICO XEG, Monterrey, NL, La Ranchera. 0500 11/6/2016. ID by man "XEG La Ranchera Monterrey, 1050 A-M, 200,000 W potencia" (even thought they are listed as 100 kW) and several more mentions of Monterrey. Mexican music before and after TOH ID. UnID. 0030 11/6/2016. Spanish/Mexican type music, talk, possible ID.

1053 UnID. 0346 11/5/2016. Carrier, no audio.

1053.1 LIBYA Tripoli, Radio Libya. 0022 11/6/2016. Offset frequency, in well with Koran singing then male chorus-style vocals, nearly same level as 1050 domestic. Het from 1053.

1060 CUBA CM--, Jovellanos, Radio 26. 0559 11/5/2016. ID "Esta es Radio Veinte-Seis."

CUBA CM--, Radio Rebelde. 0127 11/4/2016. //670.

ECUADOR Machala, Radio Fiesta. 0500 11/5/2016. ID by man, time check for midnight, ID by woman.

MÉXICO XEEP, México, DF, Radio Educación. 0500 11/6/2016. "XEEP" and "XHYRE FM" calls and "Radio Educación" ID by woman, over another Mexican playing the national anthem.

1070 FL, WKII, Solana. 0401 11/6/2016. Sports talk, NBC Sports Logo.

NC, WNCT, Greenville. 2100 11/3/2016. Slogan ID Carolina Beach music.

SC, WCSZ, Sans Souci. 2302 11/3/2016. Latin dance music, ID.

TN, WFLI, Lookout Mountain. 2159 11/3/2016. Gospel music, ID, news.

ON, CHOK, Sarnia. 0158 11/6/2016. Hockey, ID.

COLOMBIA HJCG, Bogotá, Q'hubo Radio. 0903 11/5/2016. Local music, ID "Q'hubo Radio, Mil Setenta!"

CUBA CM--, Guane, Radio Guamá. 0400 11/5/2016. Cuban national anthem @ 0359 //990, 970, ID @ 0400.

MÉXICO XESP, Guadalajara, Jal, Radio Noticias 10-70. 0701 11/6/2016. Rock music, ID "XESP, Radio Noticias Mil Setenta, Mil Setenta AM", power, URL.

UnID. 0140 11/6/2016. Mexican music/talk format.

FL, WHOO, Kissimmee. 2259 11/3/2016. Ad for Organic Healthy Me, ID "WHOO Kissimmee", NBC Sports Radio update.

KY, WONS, Canonsburg. 0701 11/5/2016. Gospel music, ID "WONS, Canonnsburg/???, and online at 1080wons.com"; daytimer on at 3 am!

SC, WALD, Johnsonville. 2159 11/3/2016. ID, The Word Network, religious program.

CUBA CM--, Ciego de Avila, Radio Surco. 2358 11/3/2016. ID in dialog.
CUBA CM--, La Habana-Villa María, Radio Cadena Habana. 1000 11/4/2016. Cuban national anthem, followed by ID.
MÉXICO XETUL, Tultitlan, DF, Radio Mexiquense. 0500 11/6/2016. Nice ID by Spanish man at the TOH.

1089 UNITED KINGDOM TalkSport synchros. 0335 11/5/2016. Talk Sport male with British accent.

AR, KAAY, Little Rock. 0600 11/4/2016. ID under WBAL.

IL, WCRA, Effingham. 0500 11/6/2016. "The talk of Effingham, 1090 AM WCRA" with 96.3 and 99.5 W258CQ FM IDs; listed as 1 kW daytimer.

VA, WKQA, Norfolk. 2000 11/3/2016. Steve Patton show promo, "Listen to Freedom 1110, WKQA, Saturdays at 3:30 PM, Sundays at 11:30 AM and Tuesdays at 1 PM", full ID.

CUBA CM--, Holguín, Radio Angulo. 0300 11/4/2016. ID "CMQO Radio Angulo, transmitiendo en Holguín, Cuba."

1120 DC, WUST, Washington. 1057 11/5/2016. ID "Desde Washington, DC, WUST 1120 AM, Radio Nuevo Mundo, con cincuenta mil vatios de potencia, la emisora multicultural de nación."

TN, WKCE, Maryville. 2201 11/3/2016. I Don't Believe I'll Fall In Love Today, ID "This is Mid-Century Radio, 1120 WKCE, Maryville/Seymore/Knoxville, and now on 97.1 FM."

VENEZUELA YVRL, Maiquetía, Radio Ideal. 0235 11/4/2016. ID "Sintonizado ?? Mil Ciento Treinta, Radio Ideal, Sintonizada con la vida", MOR Christian 1130

1140 FL, WQBA, Miami. 0000 11/4/2016. ID "Once Cuarenta, WQBA!" in mix.
CUBA CMIP, Morón, Radio Surco. 2358 11/3/2016. ID in dialog, full ID @ 2359, //1080.

CUBA CM--, La Salud, Radio Mayabeque. 0459 11/5/2016. ID heard faintly in usual mish-mash of Cubans.

CUBA CM--, Santa Clara, Musical Nacional. 0208 11/5/2016. Instrumental music //590.

1150 AL, WJRD, Tuscaloosa. 0002 11/4/2016. Bee Gees "You Should Be Dancing", ID.

NC, WGBR, Goldsboro. 0200 11/6/2016. ID "A locally owned Curtis Media station."

PA, WHUN, Huntingdon. 2000 11/3/2016. ID "Working in a Coal Mine." SC, WAVO, Rock Hill. 2000 11/3/2016. ID "Wedding Bell Blues."

TN, WCRK, Morristown. 1100 11/5/2016. Jingle ID in mud.

1160 FL, WIWA, St Cloud. 1160? 11/5/2016. Repeated mentions of phone number (407) 930-1160, which is station phone number according to http://www.delcorazondedios.com/cont-ctenos.html.

VA, WODY, Fieldale. 0700 11/5/2016. ID for AM, FM translator, with slogan "Joy FM."

1170 WI, WFDL, Waupun. 1100 11/6/2016. ID under WWVA "1170, WFDL."

COLOMBIA HJNW, Cartagena, Caracol Radio. 2358 11/3/2016. ID "Caracol Radio, Señal Cadena", promo for coverage of US elections by several Colombian networks.

1180 CUBA CM--, Radio Rebelde synchros. 2300 11/3/2016. Announcement that AM and FM networks are splitting programming at this time, ID, sportsball game between Camagüey and Matanzas.

MÉXICO XEWK, Guadalajara, Jal, W Radio. 0000 11/4/2016. ID in mix "W Radio Guadalajara."

1190 FL, WAMT, Pine Castle/Sky Lake. 0600 11/4/2016. ID over Latin pop music.

GA, WAFS, Atlanta. 2000 11/3/2016. ID "WAFS Atlanta, W???-FM HD3."

IN, WOWO, Ft Wayne. 2300 11/3/2016. ID, Fox news.

TN, WSDQ, Dunlap. 1059 11/5/2016. Classic country music, ID.

VA, WCRW, Leesburg. 2000 11/3/2016. ID "You're listening to broadcasts produced by China Radio International on AM 1190, WCRW, Leesburg/Washington.

1200 NC, WXIT, Blowing Rock. 2202 11/3/2016. Urban music, ID "The home of the High Country, 95.3 FM 1200 WXIT AM Blowing Rock." NC, WXIT, Blowing Rock. 2202 11/3/2016. Ad for Elon University football social media presence, into Elon football game.

TX, WOAI, San Antonio. 0000 11/4/2016. ID "This is news radio 1200 WOAI, San Antonio", WOAI Traffic Center.

CUBA CM--, Yaguajay, Radio Sancti Spiritus. 0401 11/5/2016. Cuban national anthem.

CUBA CM--, Las Tunas, Radio Rebelde. 2200 11/3/2016. Stinger heard under WPHT.

UNITED KINGDOM Absolute Radio. 2304 11/3/2016. Rock. Accented English.

1220 IN, WSLM, Salem. 0301 11/4/2016. Country music, ID "Kentuckiana's source for the best country, WSLM, Salem/Jeffersonville/Louisville, My Country 1220

MÉXICO XEB, México, DF. 0805 11/6/2016. Music, ID.

- 1250 IN, WGL, Fort Wayne. 1000 11/6/2016. ID, Fox Sports.
 - NC, WGHB, Farmville. 0000 11/4/2016. Ad for Pirate Radio mobile app, ID.
 - **PA**, WPHP, Pittsburgh. 0259 11/4/2016. ID.
 - SC, WTMA, Charleston. 2200 11/3/2016. Ad for Trump, jingle ID, news, Obama warns about Trump.
- ON, CJYE, Oakville. 0859 11/6/2016. ID.
 1260 FL, WSUA, Miami. 2301 11/3/2016. ID "WSUA 1260 AM Miami, WSUA-HD, Radio Caracol 1260, la primera entre todos los Hispanos." Time check, news of the moment
 - PA, WPHB, Philipsburg. 2200 11/3/2016. Jingle ID.
 - TN, WMCH, Church Hill. 1100 11/5/2016. ID in mix.
- 1270 FL, WRLZ, Eatonville. 0759 11/6/2016. ID "RLZ, 12-70 AM, La estacion del pueblo."
 - PA, WLBR, Lebanon. 2005 11/3/2016. ID under presumed WTJZ, ad for ABC News Radio, message from Lebanon's mayor congratulating the station on 70 years of broadcasting.

 TN, WQKR, Portland. 0759 11/4/2016. ID "WQKR 1270 AM, WBGB 91.5 FM, sports, weather."

 - VA, WTJZ, Newport News. 2200 11/3/2016. ID "We're WTJZ, 1270 AM."
 - NS, CJCB, Sidney. 2346 11/5/2016. ID with home for ? Hockey.
- 1280 LA, WODT, New Orleans. 1280? 11/5/2016. Talk about rolling money over into IRAs, fund choices, as part of promo for show on WRNO, ID "We are Fox Sports 1280, WODT New Orleans, an I Heart Radio station", Fox sports.
 - PA, WHVR, Hanover. 1959 11/3/2016. Country music, ID.
- SC, WANS, Anderson. 2200 11/3/2016. ID, including 107.7 FM.
- 1290 FL, WJNO, West Palm Beach. 2330 11/4/2016. Mark Levin Show.
 - GA, WTKS, Savannah. 0259 11/5/2016. Dave Ramsay, ID, Fox news.
 - IL. WIRL. Peoria. 2337 11/4/2016. Good time oldies mention 102.7.

 - MS, WNBN, Meridian. 0456 11/5/2016. Marvin Gaye, "Sexual Healing", ID.

 NC, WJCV, Jacksonville. 2100 11/3/2016. Southern gospel music, ID "Your home for southern gospel music, 1290 AM, WJCV Jacksonville, and 98.3 FM W252BO Pumpkin Center.'

 - OH, WHIO, Dayton. 0500 11/6/2016. ID, Fox news.

 VENEZUELA, YVLF, Puerto Cabello, Radio Puerto Cabello. 2300 11/5/2016. Many "Radio Puerto Cabello" IDs at the top of the hour, over guitar music; good signal.
- 1300 FL, WFFG, Marathon. 0659 11/6/2016. ID, Fox news.
 - SC, WCKI, Greer. 0259 11/4/2016. ID.
 - TN, WNQM, Nashville. 2321 11/4/2016. Religion preacher; spot for fitness and health event church with 226-XXXX tel number; mentioned Metro Police.
- IN, WTLC, Indianapolis. 0200 11/5/2016. Download our app, ID.
 SC, WDKD, Kingstree. 2359 11/3/2016. "Your new home for ESPN Radio... WDKD Kingstree, 96.3, ESPN Radio", ESPN Sportscenter.
 GA, WHE, Griffin. 2300 11/5/2016. Country music, calls, good.
 CSC OF 11/2/2016. ID MARDET Paradatours, 1220 AM and 97.1 EM. The most listened to station in Delaware Country and the properties of the properties of the properties.
- - KY, WBRT, Bardstown. 2359 11/3/2016. ID "WBRT Bardstown, 1320 AM and 97.1 FM. The most listened to station in Delaware County."
 - MD, WICO, Salisbury. 1959 11/3/2016. ID, followed by silence, CBS news.
 - NC, WAGY, Forest City. 0000 11/4/2016. ID under WBRT.
 - NC, WKRK, Murphy. 2300 11/3/2016. ID "We're WKRK, Murphy."
 - PA, WGET, Gettysburg. 1959 11/3/2016. ID during WICO silence "You're listening to Russillo and Kanell on your sports leader in the Adams/Hanover area, ESPN 1320, WGET 1320, Gettysburg/Hanover", ESPN Sportscenter under WICO. PA, WJAS, Pittsburgh. 0800 11/5/2016. ID "You gotta listen to talk", Fox news.
- 1330 TN, WAEW, Crossville. 0800 11/5/2016. ID, news.
 - VA, WESR, Onley-Onancock. 1959 11/3/2016. ID "You're listening to AM 1330, WESR, Onley and Onancock, and FM 105.7, Coastal Country."
- 1350 NC, WZGM, Black Mountain. 1059 11/5/2016. ID "Asheville's new home for sports, CBS Sports Asheville, WZGM Black Mountain/Asheville, broadcasting online at cbssportsashville.com.
 - CUBA CM--, Puerto Padre, Radio Libertad. 0000 11/4/2016. End of program with credits, ID "Esta es Radio Libertad, 1350 kHz en amplitude modulada, y 93.3 de la estéreo, desde Puerto Padre, la villa ??? de Cuba." 1 kW
- 1360 AL, WMOB, Mobile. 2356 11/3/2016. Norm Nelson and Compassion Radio schedule "make sure you tell the ministry you heard them right here on either WMOB or WBOF.
 - FL, WCGL, Jacksonville. 0959 11/4/2016. Multiple IDs, including slogan ID as "Victory 1360", gospel music.
- SC, WELP, Easley. 1100 11/5/2016. ID, weather report.

 1370 IN, WGCL, Bloomington. 0500 11/6/2016. ID "News talk 96 1 and AM 1370, WGCL Bloomington", Fox news.
 - NC, WQLL, Pikesville. 2300 11/5/2016. Oldies TOH ID Q1370.
 - NY, WALK, Patchogue. 2120 11/4/2016. Oldies rel WHLI-1100, IDs.
 - OH, WSPD, Toledo. 2200 11/3/2016. ID, Fox news.
- 1380 DE, WTMC, Wilmington. 2000 11/3/2016. Traffic information, TIS station, transmitters in Wilmington, Dover, and Rehoboth Beach.
 - FL, WMMI, St Petersburg. 1380 11/4/2016. Slogan ID "AM 1380 The Biz", news from townhall.com.
 - NC, WKJV, Asheville. 2201 11/3/2016. Southern gospel music, ID, weather report for mountains and foothills, King's Radio Network, daylight savings time ending, early voting is ending, so be sure to go exercise your right to vote.

 PA, WCBG, Waynesboro. 2100 11/3/2016. ID, ESPN Sportscenter.

 TN, WHEW, Franklin. 0900 11/5/2016. Operatic music in Spanish, slogan ID "Viva la musica, en Bonita!" daytimer.
- NC, WEED, Rocky Mount. 0501 11/4/2016. Gospel music, ID.
 OH, WNIO, Youngstown. 2200 11/3/2016. ID, Fox sports.
 SC, WSPO, Charleston. 2359 11/3/2016. ID "WSPO Charleston and WMFB-HD3. We are Heaven 1390."
- AL, WNGL, Mobile. 0600 11/4/2016. ID in mix.
 - **DE**, WDOV, Dover. 1959 11/3/2016. ID "You're listening to News/Talk 1410, WDOV Dover, and **wdov.com**", Fox news. **OH**, WING, Dayton. 0759 11/4/2016. ID "1410 WING, Dayton's first radio station", ESPN Sportscenter.
- 1420 NY, WACK, Newark. 2100 11/3/2016. ID in mix.
 - PA, WCOJ, Coatesville. 0000 11/4/2016. Catholic radio station wants to promote your event, visit holyspiritradio.org, ID in mix. PA, WCED, Dubois. 0259 11/4/2016. ID "Your only local news radio, 96.7 and 101.9, WCED, Dubois", ABC news.

 - VA, WKCW, Warrenton. 2003 11/3/2016. All I Need is a Miracle, ID "AM 1420, WKCW Warrenton. Another hour of music starts now, on northern Virginia's classic hits station", jingle ID.
- 1430 GA, WDAL, Dalton. 0501 11/4/2016. Country music, ID "Bulldog Country ... WDAL Dalton/Danbury", Fox news.
 - NC, WMNC, Morganton. 0145 11/5/2016. "Big Dawg Country."
 - NJ, WNSW, Newark. 2034 11/3/2016. Relevant Radio, ID.
 - VA, WDIC, Clinchco.0159 11/5/2016. Merle Haggard "The Fightin' Side of Me", ID "There's only one real country station, AM 1430 WDIC, country, Clinchco.'
- 1440 GA, WGIG, Brunswick. 2200 11/3/2016. ID, Fox news.
 - NJ, WMVB, Millville. 2029 11/3/2016. Spanish "Exitos".
- 1460 FL, WQOP, Jacksonville. 2159 11/3/2016. ID "You're listening to Queen of Peace Radio, WQOP 1460, Jacksonville."
 - VA, WRAD, Radford. 1100 11/5/2016. ID, oldies music.
- FRANCE Roumoules, TWR. 2235 11/5/2016. Tentative; weak French audio.
- 1470 MD, WJDY, Salisbury. 1105 11/6/2016. ID @ 1058, Bloomberg stuff, into Westwood One Technical Channel tuning loop. Back to Bloomberg Business @
 - MD, WTTR, Westminster. 2022 11/3/2016. Classic Rock, local ad.
 - NC, WWBG, Greensboro. 0300 11/4/2016. Ranchera music, ID.
 - DOMINICAN REPUBLIC HIC60, San Francisco de Macorís, La Voz de la Alabanza. 0300 11/5/2016. Very faint ID "Ah-chey Eee Say Sesenta" in mix.

- 1480 GA, WYZE, Atlanta. 1100 11/5/2016. ID "AM 1480, WYZE, let the praise begin", gospel music.

 - NY, WZRC, New York. 2021 11/3/2016. Korean.

 VA, WPWC, Dumfries. 2000 11/3/2016. Computer-generated ID in English, then in Spanish.
- NJ, WFAI, Salem. 2010 11/3/2016. ID.
 - WA, KGA, Spokane. 0659 11/6/2016. ID "KGA Spokane", into Fox sports, under WLAC.
 - MD, WTRI, Brunswick. 2000 11/3/2016. ID.
- 1520 NC, WDSL, Mocksville. 2359 11/4/2016. ID under WWKB.
 - NY, WTHE, Mineola. 2012 11/3/2016. Gospel, ID.
 - OK, KOKC, Oklahoma City. 0759 11/4/2016. ID "News Talk 1520, KOKC, Oklahoma City, a product of Tyler Media, Oh KOKC, Oklahoma City's favorite radio station", time check for 3 o'clock, CBS news.
- 1530 NC, WOBX, Wanchese. 2000 11/3/2016. ID "WOBX, AM 1530, Wanchese", news.
- 1540 PA, WNWR, Philadelphia, 2005 11/3/2016, ID.

 - RI, WADK, Newport. 2000 11/3/2016. Partial ID (URL wadk.com) in gaps in WNWR ID.

 BAHAMAS ZNS-1, Nassau, Radio Bahamas. 2016 11/6/2016. PSA for members of public to contact Department of Environmental Health Services, giving phone numbers 302-5198, 302-5202 or 302-5203 (see http://www.tribune242.com/news/2016/aug/25/pinewood-residents-reassured-over-case-zikavirus-/?news for confirmation of those phone numbers), Jackson 5 'Santa Claus is Coming to Town'
- 1550 FL, WRHC, Coral Gables. 2259 11/3/2016. ID in English for WWFE 670, well over Rebelde.
 - TN, WIGN, Bristol. 2000 11/3/2016. Bluegrass music, ID.
 - WV, WMRE, Charlestown. 2059 11/3/2016. ID in mix.
- CUBA CM--, Radio Rebelde synchros. 2300 11/3/2016. Announcement that AM and FM networks are splitting programming at this time, ID, sportsball game between Camagüey and Matanzas.

 TN, WMRO, Gallatin. 1059 11/5/2016. ID under WFME.

 IN, WLRS, New Albany. 1101 11/5/2016. ID, norteño music.

 NY, WFLR, Dundee. 2059 11/3/2016. ID in mix.
- - PA, WISP, Doylestown. 1955 11/3/2016. EWTN, ID.
- MÉXICO XERF, Ciudad Acuña, Coah. 0300 11/4/2016. ID "a través XERF."

 1580 NJ, WGYM, Hammonton. 0600 11/5/2016. Announced WFJS 1260 AM WFJS, 89.3 FM and WGYM 1580 AM, Catholic program.
- 1590 FL, WPSL, Port St Lucie. 0700 11/4/2016. ID in mix.
 - GA, WALG, Albany. 0959 11/6/2016. ID "WALG, Albany, a Cumulus station."
 - MD, WHGT, Maugensville. 2100 11/3/2016. ID in mix, SRN news.
 - NC, WCSL, Cherryville. 0600 11/4/2016. ID.
 - OH, WAKR, Akron. 2300 11/3/2016. Sports talk, ID @ 2259, Full ID @ 2300, CBS news with Bill Whitney.
 - **PA**, WPWA, Chester. 2059 11/3/2016. ID in mix.
 - TN, WKTP, Jonestown. 2359 11/3/2016. ID.
 - VA, WFTH, Richmond. 0800 11/6/2016. ID for WNRN (FM simulcast) by various Xian musicians I never heard of.
- MD, WLXE, Rockville. 1938 11/3/2016. Spanish music.
 - NC, WTZQ, Hendersonville. 0700 11/5/2016. Country music, ID.
 - NY, WWRL, New York. 1938 11/3/2016. Indian music.
- ON, CHHA, Toronto. 2357 11/3/2016. ID.
 - MD, WPFJ882, Ocean City. 2156 11/5/2016. MD State Highway Administration Highways Advisory Radio loop recording.
- ANGUILLA The Valley, Caribbean Beacon. 2259 11/3/2016. Dr Gene Scott, no ID.

 UnID. 0239 11/4/2016. Religion woman preacher.

 1620 FL, WNRP, Gulf Breeze. 2300 11/3/2016. Channel 3 news, ID, time check for 6 o'clock.
 - CUBA CM--, Radio Rebelde synchros. 2300 11/3/2016. Announcement that AM and FM networks are splitting programming at this time, ID, sportsball game between Camagüey and Matanzas.
- 1630 IA, KCJJ, Iowa City. 2300 11/3/2016. Mike O'Mara Show, ID, KCJJ News.
 - NJ, WPVT502, Avalon. 2000 11/3/2016. ID, information about Avalon.
 - TX, KKGM, Fort Worth. 2130 11/4/2016. ID; Wounded Warrior project.
- MS, WTNI, Biloxi. 2300 11/3/2016. ID, ESPN Sportscenter.
 - WI, WSJP, Sussex. 0000 11/4/2016. ID, Relevant Radio programming.
- 1660 NC, WBCN, Charlotte. 2216 11/5/2016. Westwood One football Maryland vs Michigan; spot Victory Chevrolet and Piedmont bowling event.
 - NJ, WWRU, Jersey City. 1933 11/3/2016. Korean talk.
- PUERTO RICO WGIT, Canovanas. 2259 11/3/2016. ID for WGIT 1660 and WEGA in Puerto Rico, time check.
- 1670 **GA**, WPLA, Dry Branch. 0114 11/5/2016. ID.
 - WI, WOZN, Madison. 2300 11/3/2016. Slogan ID "The Zone" on 106.7 FM.
- 1690 IL, WVON, Berwyn. 0700 11/6/2016. ID "The Talk of Chicago" in mix.
- 1700 AL, WEUP, Huntsville, 0258 11/4/2016. Black gospel; station ID with translator and affiliate.
 - FL, WJCC, Miami. 2300 11/3/2016. ID in English, lengthy "Radio Mega" ID in French "Radio Mega, la Mega de Radio", disclaimer in English.
 - TX, KVNS, Brownsville. 0247 11/4/2016. Spot for RGV Spy Shop in McAllen.
 - TX, KKLF, Richardson. 0259 11/4/2016. Fox Sports Radio.



SPORTCHANNELS IRCA - Compiled by: Eric Bueneman (NØUIH)

E-mail: n0uiheric@gmail.com

Welcome to another edition of SportChannels! Hockey season is under way; this edition will feature the network lists from the NHL's Eastern Conference. Flagship stations are in boldface type.

EASTERN CONFERENCE – ATLANTIC DIVISION

BOSTON BRUINS Dave Goucher, Bob Beers, Web: nhl.com/bruins/

98.5 WBZ-FM Boston, MA only

BUFFALO SABRES Rick Jeanneret, Rob Ray, Web: nhl.com/sabres/

550 WGR Buffalo, NY only

DETROIT RED WINGS Ken Kal, Paul Woods, Web: nhl.com/redwings/

Relay: 1) WBRN 1460

FLORIDA PANTHERS Doug Plagens, Bill Lindsay Web: nhl.com/panthers

640 WMEN Royal Palm Beach, FL only

LES CANADIENS DE MONTREAL No English or French language play-by-play personnel information available, Web: nhl.com/canadiens/

690 CKGM Montreal, QC (English) 98.5 CHMP Longueil, QC (French)

OTTAWA SENATORS English: Dean Brown, Gord Wilson, French: Nicolas Saint-Pierre, Alain Sanscartiers, Web: nhl.com/senators

94.5 CJFO Ottawa. ON (French) ΔM FΜ 600 CKAT North Bay, ON 88.1 CHLK Perth, ON 96.7 CHVR Pembroke, ON

1200 CFGO Ottawa, ON (English) 92.7 WQTK Ogdensburg, NY

TAMPA BAY LIGHTNING Dave Mishkin, Phil Esposito, Web: nhl.com/lightning/

1240 WFWN Fort Myers, FL FΜ 580 WDBO Orlando, FL 95.3 W237EJ Gainesville, FL (1) 1270 WNOG Naples, FL 850 WRUF Gainesville, FL 1350 WDCF Dade City, FL 97.3 W247AQ Tropical Gulf Acres, FL (2) 970 WFLA Tampa, FL 1400 WZHR Zephyrhills, FL 103.9 W280DK Spring Hill, FL (3) 1070 WKII Solana, FL 1450 WWJB Brooksville, FL 106.9 W295BH Sarasota, FL (4)

Relays: 1) WRUF 850, 2) WFWN 1240/WNOG 1270, 3) WWJB 1450, 4) WSRQ 1220

TORONTO MAPLE LEAFS Joe Bowen, Jim Ralph, Web: nhl.com/mapleleafs/

590 CJCL Toronto, ON (41 games) 1050 CHUM Toronto, ON (41 games)

EASTERN CONFERENCE - METROPOLITAN DIVISION

CAROLINA HURRICANES No play-by-play personnel information available, Web: nhl.com/hurricanes/

99.9 WCMC Holly Springs, NC

1320 WLOH Lancaster, OH

1220 WSRQ Sarasota, FL

No network information available

COLUMBUS BLUE JACKETS Bob McElligott, Web: nhl.com/bluejackets/

1330 WFIN Findlay, OH 1490 WBEX Chillicothe, OH 97.1 WBNS-FM Columbus, OH 930 WEOL Elyria, OH 1330 WINT Willoughby, OH 1490 WMOA Marietta, OH (primary) 99.3 W257EQ Logan, OH (3) 940 WCIT Lima, OH 1350 WARF Akron, OH 1490 WMRN Marion, OH 970 WATH Athens, OH 1360 WWOW Conneaut, OH 1590 WSRW Hillsboro, OH 100.9 WJAW-FM McConnelsville, OH 101.5 W268CC Hillsboro, OH (4) 1230 WIRO Ironton, OH 1360 WMOV Ravenswood, WV 102.5 WWCD Baltimore, OH (alternate) 1250 WCHO Washington Court House, 1390 WBLL Bellefontaine, OH FM OH 1390 WMPO Middleport, OH 106.7 WFGA Hicksville, OH 92.7 W224BR Chillicothe, OH (1) 1260 WNXT Portsmouth, OH 1410 WING Dayton, OH 107.3 W297BP Bellefontaine, OH (5) 94.3 WKKI Celina, OH 1270 WILE Cambridge, OH 1420 WTCR Kenova, WV 107.9 W300CB Cambridge, OH (6) 96.7 WBVI Fostoria, OH 1270 WQTT Marysville, OH 1430 WFOB Fostoria, OH

97.1 W246CE Athens. OH (2)

Relays: 1) WBEX 1490, 2) WATH 970, 3) WLOH 1320, 4) WMPO 1390, 5) WBLL 1390, 6) WILE 1270

1450 WMOH Hamilton, OH

NEW JERSEY DEVILS Matt Loughlin, Sherry Ross, Web: nhl.com/devils/

660 WFAN New York, NY 101.9 WFAN-FM New York, NY (simulcast)

NEW YORK ISLANDERS No play-by-play personnel information available, Web: nhl.com/islanders/

880 WCBS New York, NY* 88.7 WRHU Hempstead, NY 570 WMCA New York, NY* 970 WNYM Hackensack, NJ* 660 WFAN New York, NY* 103.9 WRCN Riverhead, NY

Note: * denotes the station carries select games only

Produced by broadcasting students at Hofstra University

NEW YORK RANGERS No play-by-play personnel information available, Web: nhl.com/rangers/

98.7 WEPN-FM New York, NY only

PHILADELPHIA FLYERS No play-by-play personnel information available, Web: nhl.com/flyers/

97.5 WPEN Burlington, NJ only

1230 WTIV Titusville, PA

PITTSBURGH PENGUINS Mike Lange, Phil Borque, Josh Getzoff, Web: nhl.com/penguins/

1230 WVNT Parkersburg, WV 1460 WMBA Ambridge, PA 101.7 WCCL Central City, PA 560 WFRB Frostburg, MD 1260 WRIE Erie, PA 1490 WMGW Meadville, PA 103.3 WKQL Brookville, PA 590 WMBS Uniontown, PA 1280 WJST New Castle, PA 1490 WNTJ Johnstown, PA 103.9 WBYB Eldred, PA 680 WISR Butler, PA 1290 WFBG Altoona, PA 1600 WKKX Wheeling, WV 104.3 WKNB Clarendon, PA 920 WMMN Fairmont, WV 1300 WWCH Clarion, PA 105.7 WOBG Salem, WV 105.9 WXDX Pittsburgh, PA 970 WBGG Pittsburgh, PA 1390 WRSC State College, PA 92.5 WQMU Indiana, PA 990 WLLI Somerset, PA 1430 WEIR Weirton, WV 106.3 WCDK Cadiz, OH 96.3 WKQW-FM Oil City, PA 1050 WLYC Williamsport, PA 1450 WTBO Cumberland, MD 96.5 WRQY Moundsville, WV 1230 WBVP Beaver Falls, PA 1450 WFRA Franklin, PA

WASHINGTON CAPITALS John Walton, Ken Sabourin, Ben Raby, Web: nhl.com/capitals

1340 WHAP Hopewell, VA 1450 WFTR Front Royal, VA 94.1 W231CE Lynchburg, VA (2) 1350 WOYK York, PA 1460 WTKT Harrisburg, PA 104.5 WHAJ Bluefield, WV 580 WLVA Lynchburg, VA 1400 WKAV Charlottesville, VA 740 WRNR Martinsburg, WV 1500 WFED Washington, DC 104.7 W284BF Lancaster, PA (3) 910 WRNL Richmond, VA 1450 WTHU Thurmont, MD 106.7 WJFK-HD2 Manassas, VA 1050 WBRG Lynchburg, VA 1450 WNOS New Bern, NC 94.1 W231AD Charlottesville, VA (1)

96.7 WLLF Mercer, PA

Relays: 1) WKAV 1400, 2) WLVA 580, 3) WTKT 1460

This finishes off the NHL network lists; we'll get started with the NBA in the next edition. 73 and play hard!

1450 WQWK State College, PA

NRC Antenna Pattern Book, 7th Edition

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

The book comes shrink wrapped in 81/2 by 11 three hole punch format for placement in your own three ring binder. There are 240 pages and the book has maps covering 530 through 1700 kHz depicting the lower USA, Canada and Mexico. Hawaii and Alaska are shown on separate maps at the end of the book.

Price: IRCA/NRC Member USA \$22.95, \$28.95 for non-members (add \$4.00 for Priority Mail delivery to US addresses only). To Canada \$39.25; airmail

outside of US and Canada \$49.95. For those outside the US, use PayPal or a postal money order in US funds only.

37th Edition of the National Radio Club's AM Radio Log

The NRC's AM Radio Log is a source for information on AM Radio Stations in the United States and Canada. The 37th edition of the Log contains approximately 280 pages of data and cross references and 22 pages of instructions in 8-1/2" x 11" size, 3-hole punched, US loose leaf format. This publication fits nicely into a 1" three-ring binder. 8,500+ updates since last year's 35th Edition of the log! Additional reference lists include call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (separate section of the log book) and a cross reference of those stations that are

licensed to use IBOC (In Band On Channel) digital audio and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Price: IRCA/NRC Member USA – \$26.95 (Media Rate), IRCA/NRC Member USA – \$30.95 (Priority Mail), Non-Member USA – \$30.95 (Media Rate), Non-Member USA – \$36.95 (Priority Mail), Canada (Member/Non-Member) – US\$39.25, Outside US/Canada (Member/Non) – US\$49.95

FM Atlas 21st Edition (FMA) - CLOSE OUT PRICING!

Dr Bruce Elving's 21st Edition (Bruce's last edition - 2010). Contains listings by frequency and alphabetical listings by state, state by state location maps. Translators are listed by state. Entries include power, antenna height and format. To USA \$15.00 to Canada \$18.50.

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 Coolum Beach Beverage 1983 Beverage Basic Theory The Florida Beverage

The Care and Feeding of the Wave Antenna

A Non-Resonant Longwire Remote From Earth Ground Two-Wire Phased Antennas Analysis of the Beverage Antenna

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

Roll Your Own! (Loop)

Long Wave Converter Detail

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.

LAM Contents:

Multi-Rod Ferrite Loop Antennas Loop Antenna Theory and Practice Loop Distortion Why get Skewed? High Dynamic Range Balun Loop The Hot Rod-Ferrite Loop Antenna High Precision Direction Finding

Pattern Controlled Loops BFE-C Loop Amplifier Card Loop Antenna Sensitivity High Performance Loop Amp What's Wrong With Present Day Loop Antennas?

Price: IRCA/NRC Member USA \$9.95, Non-Member USA \$13.95. Other countries write for quote sales@nrcdxas.org.

NRC County Cross Reference (CCR)

Compiled by Bill Hale. This handy reference has a complete list of counties in the USA and Canada. These are listed alphabetically and cross referenced by state

Price: IRCA/NRC Member USA \$8.95, Non-Member USA \$11.95. Other countries write for quote sales@nrcdxas.org.

Order from NRC, PO Box 473251, Aurora CO 80047-3251 or www.nrcdxas.org. Colorado residents, please add 3.5% sales tax. Please state club affiliation when ordering.

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). **DX Monitor**, the official publication of the IRCA, is published in "soft" form 35 times a year (weekly from November through March, twice monthly from April to November.) DX Monitor contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists.



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Sample copies of DX Monitor are available at phil_tekno@yahoo.com

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

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