



DX MONITOR

The official publication of the
International Radio Club of America

February 15 2020 – Volume 57 Number 24 – Edition 1836 – ISSN 899-9733

What do folks think of using coverage maps as filler vs club publications? Seattle deadline for our next issue (V57_N25) is **Monday 02/17/20** 1600 PLT – pb

2020 Convention

In This Issue:	
2020 Convention...	1
Bruce Portzer GTG...	1
IRCA Elections...	1
Broadcasting Information...	1
Western DX Roundup...	3
Central DX Roundup...	4
Eastern DX Roundup...	4
DX WorldWide/Tropical...	5
DXpeditions...	5
DX Forum...	9
2 Location DX Comparison...	10
SportChannels IRCA...	11

The 2020 **IRCA/DecalcoMania** Convention will be held at the Four Points by Sheraton, 1221 S Harbor Blvd, Anaheim CA 92805. (North of Disneyland) September 10-12 2020. Phone number for reservations is 714-758-0900 (mention convention). Guest room rate is \$115 per night plus tax and includes all you can eat breakfast. Parking is \$10 per day. Registration fee (not including banquet) is \$25 payable to Mike Sanburn PO Box 1256, Bellflower CA 90707-1256. Activities will include station visits, IRCA business meeting and auction, and nightly fireworks show. Hotel amenities include free Wifi, 24 hour business center and 24 hour pool. Local eateries within walking distance are Starbucks Coffee, Taco Bell, and Shakeys Pizza. Cutoff date for room reservations will be August 20th. More details will appear soon. For information contact mikesanburn@hotmail.com. Website for Anaheim visitor's information: www.visitanaheim.org. Here is the link for making reservation at Four Points <https://www.marriott.com/event-reservations/reservation-link.mi?id=1576099122178&key=GRP&app=resvlink>

Folks can send their registration fee via PayPal at mikesanburn@hotmail.com (please include name, contact info and note that it is for convention registration).

My annual DX get-together (Bruce Portzer)

I'll be hosting my annual DX get together on Saturday February 29 this year. Why not? February 29th's are rare enough, let alone one that falls on a Saturday. Plus the other Saturdays in February and early March didn't look like they would work.

Those who have been to one in the past know the drill – 6546 19th Avenue Northeast in Seattle, starting at 2pm. Potluck snacks, pop, or beer is welcome.

Feel free to bring interesting items like radios, antennas, recordings or whatever to demonstrate or show off.

For those who haven't been to one of my previous get-togethers, the crowd leans heavily towards medium wave DXing, but other bands (SWL, Ute, TV/FM, etc.) are welcome. You'll probably enjoy it.

Hope to here you on February 29. If you get lost my landline is 206-522-2521. **Bruce Portzer**

WRTH 2020 B19 updates

A pdf of updates to the B19 schedules in the International section of WRTH 2020 is now available. Visit Updates and click the "International Updates" link to download the file from the WRTH store. If you haven't yet got your copy of WRTH 2020 you can buy one NOW using **this link** (<http://www.wrth.com/shop/?product=wrth-2020>). Readers in North America can also order copies from Universal Radio (<https://www.universal-radio.com/catalog/books/2020.html>) or Amazon (<https://www.amazon.com/World-Radio-Handbook-2020-Broadcasting/dp/1999830024>). Please take a few minutes to give us your thoughts about WRTH on the 2020 Questionnaire (<https://app.surveymethods.com/EndUser.aspx?C4E08C94CC8F9790C2>). I hope you find the update useful. Best wishes, **Nicholas Hardyman** – Publisher



IRCA ELECTIONS – Nick Hall-Patch – 1538 Amphion St – Victoria BC Canada V8R 4Z6
Email: nhp@ieee.org

Nominations are Open for the TVA and RHA for 2019-2020

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: **Mark Durenberger, Nancy Johnson, Phil Bytheway, John C Johnson, Gary DeBock and Eric Bueneman.**

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: **Kenneth Hawkins, John C Johnson, Brandon Jordan and Mark Durenberger.**

All nominations, should be sent to the ECC, Nick Hall-Patch at nhp@ieee.org

Please note that nominations need to include a brief statement supporting the nomination. Please also note that the Ric Heald Award is to recognize an IRCA member who most benefited the club in a particularly noteworthy way during the previous year, while the Ted Vasilopoulous Award recognizes a longer term contribution by someone who might also have benefited the larger DX hobby. All nominations must be received no later than March 1 2020.



BROADCASTING INFORMATION – Robert J Wien – 8912 Oso Corridor PL NW – Albuquerque NM 87114
E-mail: wienbob@aol.com Phone (effective 2/10/20): 505-898-1677 Column Deadlines: Saturdays

DATE OF COLUMN: February 08 2020 **Column data span:** January 25-February 08 2020, Data courtesy of **Stationintel.com**, FCC database and member contributions.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALLS
580	WYHM	Rockwood, TN	WXRH
1470	KVSL	Show Low, AZ	KXSL

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE
580	WXRH	Rockwood, TN
750	WBMD	Baltimore, MD
790	WETB	Johnson City, TN
840	WKDI	Denton, MD

NEW INFORMATION

was unknown format, now classic country, adds slogan: "The Ranch"
was silent, now Family Radio religious teaching, adds slogan: "Family Radio"
was southern gospel, now talk, old slogan: "Sonshine 79", new: "East Tennessee's Best"
was religious teaching, now southern gospel, old slogan: "Your Ministry Station", new: "Joy FM"

920	KKLS	Rapid City, SD	was unknown format, now classic country, adds slogan: "Cowboy KKLS"
940	WKGM	Smithfield, VA	old slogan: "The Ministry Station", new: "Your Ministry Station"
950	WHSY	Hattiesburg, MS	was news/talk, now classic country, old slogan: "NewsTalk 950", new: "The Legend"
990	WJEH	Gallipolis, OH	now silent
1070	WTSO	Madison, WI	old slogan: "The Big 1070", new: "10707 The Game"
1180	WLTT	Carolina Beach, NC	was silent, now R&B oldies, adds slogan: "Power 107.1"
1240	WKDZ	Bluefield, WV	was unknown format, now adult contemporary, old slogan: "Christmas 98.7", new: "Ez 98"
1260	WMDG	East Point, GA	was silent, back on with new unknown format
1330	KPTY	Waterloo, IA	was CHR, now classic country, old slogan: "107.3 The Party", new: "107.3 HANK FM"
	WRAA	Luray, VA	was classic country, now southern gospel, adds slogan: "Joy FM"
1340	WEKY	Richmond, KY	was silent, now classic hits, adds slogan: "Y92.5"
1350	WARF	Akron, OH	old slogan: "Sports Radio 1350", new: "The Gambler"
1370	WLID	Patchogue, NY	was unknown format, now Spanish contemporary Christian, adds primary network provider Radio Cantico Nuevo", adds slogan: "Radio Cantico Nuevo" (was oldies-ye ed)
1450	WDXR	Paducah, KY	was talk, now classic hits, old slogan: "LlfeTalk 1450AM", new: "DXR 102.5"
	WCRS	Greenwood, SC	adds slogan: "Voice of Greenwood"
1470	WCHJ	Brookhaven, MS	now silent
1480	WVOI	Marco Island, FL	now silent
1490	WSFB	Quitman, GA	was talk, now gospel music
1510	KSFN	Piedmont, CA	was silent, now Spanish sports, adds slogan: "Unanimo Deportes"
1590	WAKR	Akron, OH	was news/talk, now soft adult contemporary, adds slogan: "Soft Hits 93.5"
1660	WCNZ	Marco Island, FL	now silent

MEMBER CONTRIBUTIONS

Dave Gordon of Morgan Hill CA sends along the following (also forwarded by **Mike Sanburn** of Bellflower CA) re KLIV-1590 dated 1/26/20:

I was in San Jose today and heard KLIV on the air playing oldies around 5:30 pm. I was driving south and the station faded out at the southern edge of San Jose. I heard KLIV is back on the air to maintain the license for an eventual sale to the owner of KVVN radio.

Mike Sanburn sends along the following re KLAV-1230 Las Vegas NV dated 1/27/20, original tip via **Martin Foltz** of Mission Viejo CA:

Looks like KLAV 1230 Las Vegas (heard here in KYPA null) has changed slogan from La Caliente to La Ranchera (got this tip via **Martin Foltz**). <https://www.larancheralv.com/>

Mike Sanburn sends along the following from **Peter Laws** (locale unknown-ye ed) via the IRCA IO Groups dated 2/2/20:

750 KSEO – Durant OK at a *full* 220 W!:-D, 156 km/149 deg away. Good oldies mix but KRMG 740's 50 kW splash at 132 km/42 deg is ruining the tuneage. Two Hundred and Twenty Watts.

Peter Laws | N5UWY | plaws plaws net | Travel by Train!

Mike Sanburn sends along the following from **Tim Hall** of Chula Vista CA via the IRCA IO Groups dated 2/3/20:

UnID-1450 "highway 14-50, the road" I was re-listening to one of my Border Inn UnIDs, and I now realize the slogan I'm hearing is "highway 14-50, the road... (pure?) country." Trouble is I can't find anything in web searches that even comes close to this. This was made at 1429 UT on Saturday morning October 26 2019. At this hour, only the western coastal states and bits of Idaho and Nevada would still be in partial darkness. The antenna was aimed NNW (WA/OR) but was unterminated so it could also favor SSE (AZ, where it was already light out). Has anyone ever heard this slogan before? It's interesting they make no mention of an FM translator. They appeared to be playing country music right before they aired this liner. Any ideas?

Mike Sanburn sends along the following from **Paul Walker Jr** of Laramie WY via IRCA IO Groups dated 2/3/20:

Subject: KRVN 880 Off/At Low Power. I am about 400 miles west of KRVN (Lexington NE-ye ed) and they normally about peel the paint off here all the time. They were being overtaken by KHAC (Tse Bonito NM-ye ed). A phone call to their engineering team tells me they are having some problems and may be off air at times tonight and when they are on, will be at low power, 5000 Watts.

Mike Sanburn sends along the following from **Paul Walker Jr** via the IRCA IO Groups dated 2/4/20:

Subject: Rapid City, SD format Change. KKLS 920 and 104.7 Rapid City SD is now "The Cowboy", playing classic country. Had been news/talk. (Website via **Mike Sanburn**: <https://thecowboyradio.com/>).

Mike Sanburn sends along the following from **Paul Walker Jr** via the IRC IO Groups dated 2/5/20:

https://www.nwestiowa.com/scnews/sioux-county-radio-launches-spanish-station/article_1f8daaa0-4770-11ea-9258-1bc8dbc10407.html

Sioux County Radio launches Spanish station, Renee Wielenga rwielenga@nwestiowa.com

SIOUX CENTER – A new Spanish radio station is now available to Sioux County residents.

As of midnight Monday, Feb. 3, Sioux County Radio launched Sioux Ritmo – meaning Sioux Rhythm in English – on its 101.5 FM and 1090 AM stations, replacing its Classic Hits programming with Spanish Adult Hits.

Preparation for changing Classic Hits to a Spanish Adult Hits station started about two years ago, according to Sioux County Radio general manager Piet Westerbeek.

He said several factors were considered in making the change – it wasn't just a business decision.

"One of our main things we operate on is taking care of the community," Westerbeek said. "We want to be aware of who our community is that we're serving. As the demographics in Sioux Center have been growing and changing, more parents of kids who go to school don't speak English or speak don't English as their first language. We had to ask ourselves: Are we serving our community correctly the way we are or are we changing who we are? That's what prompted us to start considering the Spanish music.

The switch involved a lot of homework, including speaking with area schools and businesses to gain their input.

"We wanted to make sure not only that the station would work out for people to want to listen to it but also there would be people who want to advertise," Westerbeek describes Sioux Ritmo as a hybrid station.

"Spanish speakers will be able to hear the music they like to listen to, that they grew up with. '70s, '80s, '90s through today of the hits of that genre, but it's going to have English weather, English news and English sports," Westerbeek said. "That's done by design. When we've talked with Spanish speakers, they've said they didn't want everything in Spanish, they want to hear English as they learn the language."

The host of the programming is a Spanish character named Juan, who is community and family friendly, Westerbeek added.

Launching the new station was phase one of the project. Phase two, coming later this spring, will be the incorporation of local announcements in Spanish, such as the school lunch menu and events that are part of Sioux County Radio's community calendar, shared on its other stations 93.9 KSOU and 106.9 KHK.

Phase three includes eventually adding Sioux Ritmo to Sioux County Radio's family of live-streaming stations where listeners would have the ability to listen to Sioux Ritmo online and on the go using the Sioux County Radio mobile app.

"With our listenership being higher on KSOU and KHK, for us to change the format on those two stations didn't make sense," Westerbeek said. "Classic Hits, while it had a lot of people who listened, wasn't utilized as much as the other two stations so it was a natural fit for us to transition that station to this new format."

Westerbeek said Classic Hits, which played music from the 1960s and '70s, won't be going away completely. Some of those hits will be incorporated into KSOU. "I'm excited to see that our community is so welcoming of people from outside our own community," Westerbeek said. "When we talked with customers and others in the community about what we were looking to do, we had immediate interest and support. It's been fun. And we feel that adding Spanish programming to Sioux County Radio will make our neighbors from different cultures feel that they matter, and that they belong."

Mike Sanburn sends along the following from **Paul Walker Jr** via the IRCA IO Groups dated 2/5/20:

KPTY 1330 Waterloo IA is now classic country as "107.3 Hank FM", dropping the top 40 "Party" format.

Mike Sanburn sends along the following from **Dennis Gibson** of Salinas CA via the IRCA IO Groups dated 2/6/20:

Subject: Licenses cancelled, 2-4-20: WBR-1300 Baton Rouge, Louisiana, 2-4-20: WKIZ-1500 Key West, Florida

Jon Pearkins sends along the following correction to a prior BI column, contribution dated 2/6/20:

The issue before last reported CKMX-1060 Calgary "was comedy, now talk", but both the **funny1060.com** web site and listening to 1060 from Edmonton indicate the station is still 24/7 Comedy.

Well, now in Albuquerque and getting settled into my new home, though still in our Rio Rancho NM Hilton till early Saturday morning 2/8 then moving out, having a washer/dryer put in Saturday along with my phone service. New house is still a mess and will take a long time to get everything in place. Laurel MD is now a distant memory. Haven't had time to DX though did a little daytime bandscan on my car receiver, KTNN-660 really booms in here during the daytime, surprise it's so strong here. Will be doing bandscans during the coming weeks to get used to the dial. Hope everyone else's DX is wonderful. LOTS of member contributions this issue, love it! Keep it up! Happy February! 73's. Bob Wien



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

WDXR DEADLINES: Thursdays – Feb. 13, Feb. 27, March 12, March 26, April 9, April 23, May 7, May 21, June 4 and June 18. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- (RB) **Rick Barton**-9444 W. Newport-Sun City AZ 85351 **desertmoon_dxshack@inbox.com**
SW-2000629, Satellit 205/T.5000, RF-2200 – stock or with Terk AM Advantage loop
- (GK) **Glen Kippel**-Yucca Valley CA **gkippel@hotmail.com**
- (JP) **Jon Pearkins**-Edmonton AB **jon@pearkins.com**
Sangean PR-D15 on batteries with internal 200 mm ferrite bar
- (MS) **Mike Sanburn**-PO Box 1256-Bellflower CA 90707-1256 **mikesanburn@hotmail.com**
Sangean DT 160

- *****
- 550 KFYR **ND**, Bismarck 2/1 0028-0031 strong clean signal to the SE with frequent "K-Fire" mentions. (JP-AB)
 - KOAC **OR**, Corvallis 2/2 0101 with NPR News to the SW, so assuming they were running what sounded like Cricket at 0047 with British accented male. (JP-AB)
 - KARI **WA**, Blaine 2/1 0028-0031 strong clean signal to the SW with frequent "Carry" IDs. Should not have surprised me, but KOAC has been all alone whenever I have checked in the last two years. 2/2 0101 ID and undoubtedly them 0044-0050 dominant to the SSW during a Chinese language program with light vocals and short-spoken word between selections at 0046, even though their web schedule shows Focus on the Family. (JP-AB)
 - 560 KLZ **CO**, Denver 2/3 0030 ID by man and return to "Kim Munson" talk show, local ad spots and station promos at 0043. Very good, steady, over all CCI on Grundig Sat 205. (RB-AZ)
 - KPQ **WA**, Wenatchee 2/1 0032 all alone with new slogan "News Radio 5-60" repeated twice. KMON then faded up with C&W in KPQ's null to the SSE. 2/2 0053 Wenatchee Wild hockey post game show with ID and reference to **kpq.com**. (JP-AB)
 - 570 KNRS **UT**, Salt Lake City 2/2 0104:40 ID with NBC News at 0103 and iHeart Radio promo at 0104. Strongest signal on 570 but nullable to the SW for the first time ever. (JP-AB)
 - KVI **WA**, Seattle 2/2 0058 ID and emphasized "Conservative" talk format. First time heard here thanks to the usual mix of KNRS, CKSW and WNAX. (JP-AB)
 - 600 KGEZ **MT**, Kalispell 2/1 0048-0052 all alone with oldies until CJWW started fading in at 0052. Call letters and "Flathead Valley" mention between each song. Currently have only one tower, so running 250 watts at night on STA until they find land and build a new two tower site. (JP-AB)
 - 610 KOJM **MT**, Havre 2/2 0109 long ID mentioning KOJM several times, an FM translator and a "digital" service that probably referred to their podcasts rather than their IBOC HD. Appeared to be 10 straight minutes of talk at the top of the hour then an oldie by The Monkees. Only heard SSE, nulling CHNL. (JP-AB)
 - 680 KNBR **CA**, San Francisco 2/2 1900 with live coverage of Super Bowl. (RB-AZ)
 - 880 KJAC **NM**, Tse Bonito 2/4 0101 "You're listening to KHAC, Tse Bonito" ID by man, modern music program, well over CCI and nothing heard of KRVN (thanks Paul Walker Jr. tip via IRCA, etal, on situation with KRVN). (RB-AZ)
 - 1020 ?KCKN? **NM**, Roswell 2/5 2329-2348 mostly all alone to the SSE with lots of modern pop music in Spanish, presumably religious given the frequent use of the word "gloria" (glory), with no ID at 2330, and presumably syndicated with New York City area address given. Others have reported recently hearing KCKN back to 50KW nights. (JP-AB)
 - ?KDKA? **PA**, Pittsburgh 2/5 2345 likely the talk programming to the SE in KCKN fade. (JP-AB)
 - 1080 KSLI **UT**, Price 2/3 0837 country music, ID'd by web stream as mostly buried by KSCO. (GK-CA)
 - 1120 KANN **UT**, Roy 2/2 1830 religious lecture by man well before local sunset here, mixing with unID co-channel station. (RB-AZ)
 - 1140 KGEM **ID**, Boise 2/3 0831 with Gregorian chants. (GK-CA)
 - 1210 KHKR **UT**, Washington 2/2 1945 with love sports coverage play by play ID at 1557 by man "KHKR... Washington-Saint George." (RB-AZ)
 - 1250 KHIL **AZ**, Willcox 1/30 1900 over and under two co-channel stations, good legal ID by man at top of the hour, also heard at 1920. (RB-AZ)
 - 1260 KTRC **NM**, Santa Fe 2/4 2330 break from Thorn Hartmann Show (hosted by guest) to off-the-hour ID. (RB-AZ)
 - 1280 KZNS **UT**, Salt Lake City 2/5 0000:20 ID for KZNS-1280 and KZNS-FM Coalville preceded by local ads for "Utah's largest jeweler" and an event at The Salt Center, then into Fox Sports after ID. Often all alone in all directions, with KIT sometimes fading up to almost equal strength but only with antenna SSW. As reported by others, definitely running 50KW day power. (JP-AB)
 - 1420 KMOG **AZ**, Payson 1/29 0515 often strong in XEXX silence with classic country tunes "Bubba Shot the Jukebox" and "Living on Tulsa Time." Caught legal ID at 0602. (MS-CA)
 - ?KITI? **WA**, Centralia 1/29 0940 momentarily audible through XEXX which had returned to the air, playing "Don't Stop" by Journey. (MS-CA)
 - ?KUJ? **WA**, Walla Walla 1/29 0515-0600 very sporadic news talker fading up occasionally then gone for extended periods. I have logged them in the past both on regular schedule and DX test. (MS-CA)
 - 1430 KLO **UT**, Ogden 2/2 1717 local ads, good ID by man, slogan, call well before local sunset (quarter after 3pm here). Strong, steady. 2/4 2130 good with legal ID, Classic Radio Theatre host with some resets on things going on in the years this night's dramas were aired. Good, with no sign of the co-channel station I have been trying to ID for months. (RB-AZ)
 - (XEXX) **BCN**, Tijuana 1/29 0500 noted off the air. (MS-CA)
 - 1510 KCKK **CO**, Littleton 2/5 0730 Grass Roots, Joe Jackson, local ad spots. (RB-AZ)
 - 1530 KQSC **CO**, Colorado Springs 2/4 0854-0912 country music under KFBK, confirmed by their web stream. Apparently on with their CH power of 1KW at this time. (GK-CA)
 - 1590 KELP **TX**, El Paso 2/3 0748 religious talk on top of KVTA. (GK-CA)
 - 1600 KGST **CA**, Fresno 1/31 1740-1733 and 2/1 1336-1348 musica norteña y banda, some commercials in English. They have programs in other languages as well. (GK-CA)
 - 1610 CHHA **ON**, Toronto 2/3 2358-2/4 0012 tenor sax solo then after TOH went into Punjabi music; good signal. (GK-CA)
 - 1630 XEUT **BCN**, Tijuana 2/2 1945 unusually strong signal with operatic music. (RB-AZ)
 - 1670 KQMS **CA**, Redding 2/3 0659:30 ID briefly in pause of KHPY audio. (GK-CA)
 - 1680 KGED **CA**, Fresno 2/2 1930 carrying live coverage of Superbowl game, with Kansas City just scoring a field goal. Strong and steady on small battery portable. (RB-AZ)
 - 1690 KDMT **CO**, Denver 2/2 1045 talk program on morality issues to station promos, station slogan more promos. Well after local sunrise, SW2000629, Terk loop. (RB-AZ)

Thank you to our reporters this issue. Thursday February 13 will be the last of the weekly WDXR deadlines! – Nancy 2/7 1700



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

RIDING GAIN

- [EB-MO] **Eric Bueneman**, Hazelwood MO **NØUHEric@gmail.com**
 CountyComm GP-5/SSB Ultralight receiver, Grundig AN-200 tunable loop, Yaesu FRG-7, Worcester Space Magnet II, National NC-60 Special, Apex 303WA-2 LW/AM/SW vertical antenna
- [KDF-IL] **Karl D Forth**, Chicago IL **koolmotor@comcast.net**
 ATS-909, Sangean DT-200X

DOWN THE DIAL

- 590 KXSP **NE**, Omaha. 2/4 good signal in KFNS null. 0513 noted with talk on the Kansas City Chiefs, podcast promo, ESPN promos, local and national spots. [EB-MO]
- 700 KHSE **TX**, Wylie. 2/5 good signal through WLW. 0238 noted with Middle Eastern music, talk and "Radio Caravan" ID in Arabic-accented English. Likely on day power. [EB-MO]
- 730 CKDM **MB**, Dauphin. 2/1 fair to poor signal, mixing with other stations. 0515 noted with "Where the Parkland turns for news, Seven-30 CKDM and CKDM-dot-com" ID into Country format. [EB-MO]
- KWOA **MN**, Worthington. 1/31 fair to poor signal, mixing with other stations. 0351 poked through with "KWOA, Seven-30 AM and 100-point-Three FM" ID in promo. [EB-MO]
- 810 WHB **MO**, Kansas City. 2/6 fair signal through WGY. 0527 noted with mention of "The Super Bowl Champion Kansas City Chiefs", "Sports radio Eight-10" ID into local spots. [EB-MO]
- 960 WABG **MS**, Greenwood. 2/4 fair signal over KMA, KZIM. 0311 noted with local news, "WABG" IDs and local spots. [EB-MO]
- 1430 WBEV **WI**, Beaver Dam. 2/5 good signal over WXNT; local KZQZ was off the air. 2214 noted with University of Wisconsin basketball PBP, local spots, "14-30 WBEV" ID. [EB-MO]
- WXNT **IN**, Indianapolis. 2/1 fair to poor signal, mixing with other stations; local KZQZ off. 0226 noted with *After Hours with Amy Lawrence*, into *CBS Sports Radio Sports Flash*. [EB-MO]
- 1450 WAOV **IN**, Vincennes. 1/23 fair signal. 1800 ID with FM 97.7 mention going into news. Not often heard. [KDF-IL]
- WCEV **IL**, Cicero. 1/23 1700 noted WCEV off the air. Checked online and their last day was reported to be 1/20. WRLL, which shares the frequency, remains on the air 2300-1400 weekdays and other hours Saturday and Sunday with Mexican music and Spanish programming. WCEV came on the air in 1979, broadcasting from a studio at Belmont and Long in Chicago. They didn't leave the air because of the land being sold where the transmitter is located as they shared the transmitter with WRLL. WAIT 850 left the air in August and sold the transmitter land. [KDF-IL]
- WHTC **MI**, Holland. 1/23 fair signal, local WCEV off. 1745 with promo for weather. [KDF-IL]
- 1460 WKAM **IN**, Goshen. 2/4 fair signal in KHOJ null. 0320 noted with Regional Mexican format, "La Raza" ID in Spanish. [EB-MO]
- 1560 WBYS **IL**, Canton. 1/22 on top. 1740 with ID, rock music. [KDF-IL]
- 1590 WCGO **IL**, Evanston. 2/6 good signal over WNTS and other stations. 0330 noted with local and national spots, promo for a local legal talk show, "Super talk, WCGO AM and FM" ID. [EB-MO]

FLASHBACK

50 Years Ago – February 14 1970 issue of "DX Monitor" ... **Shelby Remington** of Hamden CT added New Mexico KOB 770 for state #41 ... **Wayne Coombs Jr** of Sunnyvale CA told about his visit with **Don Erickson** and helping publish the January 10th bulletin ... **John W McWhirter** of Los Angeles CA said he purchased an SX-24 for \$5. It had been painted pink by a previous owner ... **Frank LaBelle** of Montreal PQ noted he can hear the program "The World Tomorrow" on 43 different stations including local CFMB who airs it 10 times a week in three languages. // **25 Years Ago – February 11 1995** issue of "DX Monitor" ... **Tim Kridel** of Columbia MO said he was 24 ... **Larry B Godwin** of Missoula MT logged a new state, Arkansas, with KSYG 1010 ... **Diane Mauer** of Pulaski WI said she had been DXing for 25 years ... **Rick Evans** of Milwaukee WI reminded everyone about sending in Forum reports for the anniversary issue. // This week's **Flashback DXer** is... **Alan Merriman**...



OPEN MIKE

Thanks to Eric and Karl for reporting this week. The CDXR deadline for the anniversary issue is February 27th. This column was typed 3-7-20. 73, John



EASTERN DX ROUNDUP – Eric Bueneman (NØUIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
 Email: 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**, London, ON, Canada **paulisnider@yahoo.ca**
 Elad FDM-S2 software-defined receiver, Wellbrook ALA1530LN loop, MFJ-1020C as a tuner

ACROSS THE DIAL

- 560 WJLS **WV**, Beckley – 2/5 2146 noted with Country format, "WJLS" ID at 2147 with mention of 95.7 and 104.1 FM into another music set, another "WJLS" ID into weather forecast at 2151. A fair at times to very poor signal was noted, mixing with CFOS and other stations; first time heard in London. (PS-ON) (104.1 refers to W281AJ Beckley WV; the NRC Log doesn't list a 95.7 relay – eb)
- 590 WKZO **MI**, Kalamazoo – 2/1 2303 noted with a possible promo, "WKZO" ID at 2305 into *The Dave Ramsey Show*. A poor to very poor signal, mixing with CJCL and WROW. (PS-ON)
- 760 WCIS **NC**, Morganton – 1/31 1832 noted with a Southern Gospel format, "This is Ernie Hocks...and you're listening to The New WCIS AM 760 and 100.9 FM" ID by a male announcer. The signal was noted mixing with WJR, WLCC and an unidentified vocal music station. (KK-VA) (100.9 refers to W265DY Morganton NC – eb)
- 790 WVCD **SC**, Bamberg/Denmark – 1/31 1827 noted with "You're listening to The Voice of Voorhee" mention by a male announcer. The signal was noted mixing with CMBD (Radio Reloj), WETB, WNIS, WQXI and an unidentified station with vocal music in Spanish. (KK-VA)

- 900 WKDA **TN**, Lebanon – 2/6 0024 I was trying for this one for a few hours off and on. Noted with a modern Country format, “Real Country” slogan, into national ads, PSA for Feeding America, into another music set; confirming simulcast with WCOR 1490 and WANT 98.9, per information in the December 10 2019 edition of NRC’s *DX News*. An occasionally fair over to very poor signal was noted under CHML. (PS-ON)
- 1120 WPRX **CT**, New Castle – 2/2 2224 noted with a Tropical music format, “Dinamica” slogan at 2229 into another music set. A poor to very poor signal was noted under KMOX; confirmed via Tune-In Web stream. First time heard in London. (PS-ON)
- 1560 WKDO **KY**, Liberty – 2/4 2105 noted on after sunset with a Classic Country format, “Classic Country the Buck, WKDO” ID at 2107 into another music set. I had been hearing Country music on 1560 for a few nights and finally IDed the culprit. An occasionally poor and audible signal was noted to being covered by WFME and WGLB. Confirmed by Simple Radio Web stream. (PS-ON)

EDITOR’S NOTES

Thanks to Kraig and Paul for their logs this week. The days of winter are getting fewer now, but the DX is still great. 73 and good DX from NØUIH, the Florissant Valley Dial Twister.



DX WORLDWIDE/TROPICAL BAND DX – Brandon Jordan – PO Box 338 – Rossville TN 38066
 Email: dxww.irca@gmail.com all times UTC

Deadline – Monday 0000 UTC.

*** TRANS-PACIFIC DX ***

- 558 **REP KOREA** HLQH, Yeong-il, KBS2. FEB 4 1454 – Fair to good with ballad //603; it’s been awhile since this one has really made an appearance. [NHP-BC]
- 639 **JAPAN** JOIP, Oita, NHK1. FEB 5 1453 – Poor to fair with man talking //594 with a short delay. [NHP-BC]
- 846 **JAPAN** NHK1 synchros. JAN 31 1514 – Fair with woman in Japanese //594; accompanied by hum, assumed from off channel R. Veritas. [NHP-BC]
- 864 **REP KOREA** HLKR, Gangneung, KBS1. FEB 1 1527 – Fair with female vocal //711. [NHP-BC]
- 891 **AUSTRALIA** 5AN, Adelaide. JAN 07 1530 – Poor with the ABC fanfare. [NHP-BC]
- 954 **JAPAN** JOKR, Tokyo, TBS. JAN 31 1531 – Very good with man in Japanese. This one often pops up around local sunrise when other lower frequency Japanese are well on the way to fadeout. [NHP-BC]
- 1116 **CHINA** Shaowu, CNR5. JAN 18 1541 – Poor with man in Chinese, //5925 on Hong Kong KiwiSDR. Most Chinese shortwave parallels don’t fade in these mornings at this location until the little bit of MW DX available has faded out. [NHP-BC]
- 1242 **JAPAN** JOLF, Tokyo. FEB 7 1538 – Excellent with pop music, and fading up to similar levels a number more times before 1600, when there was a nice “oru naito nippon” (All Night Nippon) program ID followed by the cuckoo clock pips on the hour. [NHP-BC]
- 1269 **JAPAN** JOFM/JOHW, Esashi/Obihiro. JAN 29 1529-30 – Poor to fair with man and woman talking //1287. [NHP-BC]
- 1377 **CHINA** Xingyang, CNR1. FEB 5 1529 – Excellent level briefly with man in Chinese //1593, otherwise, pretty good. Pips at 1530, Beijing time check etc. Peaking at -60dBm, a few dB short of 1593 which was also really going to town just then, though suffering 1600 splatter. [NHP-BC]
- 1485t **JAPAN** JOGO, Hachinohe. JAN 29 1547-8 – Poor with man and woman talking with another man on phone, definitely parallel with HBC-1287. 1485 is a low power relay channel in Japan, and there is no HBC relay listed. Most likely it was the RAB Aomori Hoso relays on the channel. The following morning, I checked the AKKY KiwiSDR before 1600UT and 1287 had the same program as 1233 and 1215 which are RAB Aomori Hoso main channels. Perhaps the Japan Radio Network, as the National Radio Network doesn’t seem to offer programming at this time. [NHP-BC]
- 1494t **JAPAN** JOTL, Nayloro. JAN 20 1548 – Fair with man and woman in Japanese //1269 and 1107. 1269 is also HBC like JOTL, but no idea how 1107 is part of this particular network; perhaps the larger Japan Radio Network? HBC-1287 was mostly an unreadable rumble for most of the morning unfortunately. [NHP-BC]
- 1503 **JAPAN** JOUK, Akita, NHK1. JAN 29 1548 – Very good with man and woman in Japanese //594 which wasn’t doing nearly as well. [NHP-BC]
- 1566 **REP KOREA** HLAZ, Jeju, FEBC. JAN 28 1659 – Very good with Radio Teos ID by man in Russian, followed by Voice of America ID in English along with VoA jingles, as intro to Korean program. (http://www3.telus.net/public/shallpat/4all/1566_20200128_1659.wav) +FEB 3 1755 – Good with man in Korean, last kick at the can for readable signal level on this one, but still recognizable Korean past 1800; still delivering at 1805 when the recording ran out. Local sunrise was 1535. [NHP-BC]
- 1575 **THAILAND** Ban Phachi, VoA. JAN 29 1530 – Good with Voice of America ID, mixing with pop vocals which seemed to line up with what was being heard on Yotsukaido KiwiSDR, so probably AFN. [NHP-BC]
- 1584 **JAPAN** NHK1 synchros. JAN 29 1540 – Poor with woman talking, echoey, //594. Also noted JAN 26. [NHP-BC]
- 1593 **CHINA** Changzhou, CNR1. JAN 17 1620 – Excellent with man in Chinese, parallel to what was left of 1359, then piano ballad. [NHP-BC]
- 1611t **PHILIPPINES** DWNX, Naga City, Radio Mindanao Network. JAN 21 1555 – Fair to poor with slow vocals, matching up with KiwiSDR in Philippines. Fading up and down to past 1600. Figured that an ID at sign off could be heard on the Kiwi, but gave up after about 1610, as the music just continued, so late s/off today? [NHP-BC]

*** PAN-AMERICAN DX ***

- 530 **CUBA** CMBQ Radio Enciclopedia, Villa Maria, Ciudad de la Habana. FEB 5 0725 – noted with Classical music and brief talk in Spanish. Good signal over CHLO. [EB-MO]
- 730 **MÉXICO** XEHB, Hidalgo del Parral, Chih. FEB 6 1346 – “107.1, La Mexicana” ID amid tunes, i.e. 50/1 kW XEHB; the only lowband Mexican this morning at SRS, not even XETNT-650, still WSM only. XEHB’s FM apparently not moved yet to 104.7 per IRCA Log, as top end is being cleared out for non-commercial broadcasting. [GH-OK]
- 940 **MÉXICO** XEQ, México, DF. FEB 5 0938 – noted with Adult Contemporary music, “Qué Buena” ID in Spanish. Fair to poor signal, mixing with KPSZ. [EB-MO]

CONTRIBUTORS

- NHP-BC **NICK HALL-PATCH**, Victoria BC nhp@ieee.org
 AOR AR7030, RFSpace SDR-IP; RFSpace SDR-14 running DX Fishbarrel program; north FLG-100 antenna, west FLG-100 antenna, 1m indoor box loop, 14m sloper, Misk phasing unit.
- GH-OK **GLENN HAUSER**, Enid OK
 DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock caradio as specified; ICR-75, E-W longwire.
- EB-MO **ERIC BUENAEMAN**, Hazelwood MO
 National NC-60 Special, Apex 303WA-2 LW/AM/SW vertical, CountyComm GP-5/SSB Gen 3 Ultralight receiver, Grundig AN-200 tunable loop

Awesome logs! 73 and Good DX, Brandon



DXpeditions – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334
 Email: DXM.EIC@gmail.com

LBI DXpedition Report (via Russ Edmonds)

The 18th annual Long Beach Island DXpedition was held at Beach Haven West NJ from Monday November 4 through Sunday November 10 2019. Following the prior year’s excellent conditions, we knew that we couldn’t expect to exceed that, and we didn’t. While the A and K indices were extremely low last year, this year’s numbers trended a bit higher. Trans-Atlantic conditions weren’t as favorable as we didn’t log some of the lower powered stations in interior Europe which we have heard in the past. The sizable reduction of Iranian logs was due to reductions in operating hours and stations in that country. We also did not note any receptions from deeper into South America beyond the Caribbean with the exception of one from Ecuador. Nevertheless, we did log a number of new stations and countries for LBI (this year’s totals included 6 new countries). One surprise was the appearance of a number of Colombian stations which we had not heard previously and which were not really favored by our antennas.

Our antenna setup at LBI has settled into three options, dictated by the configuration of the property we are at: a trans-Atlantic 16' x 36' terminated broadband loop at 60 degrees, a 75' corner-fed terminated delta loop pointed at 90 degrees nulled to reduce domestic splatter, and a southern 16' x 36' terminated broadband loop at 170 degrees. The 90 degree loop did double duty this year, picking up trans-Atlantic stations as well as Central and South Americans. All the antennas are fed by Wellbrook FLG-100 amplifiers, and both the delta and south loops were reversed at some point during the DXpedition to try for stations over the pole from Asia (350 degrees, reversing the 170) and Australia (270 degrees, reversing the 90); while we did get a number of Asian carriers on the 350 antenna, conditions unfortunately didn't support any audio from the big-gun outlets in China or India.

As is our custom, this DXpedition is primarily focused on medium wave broadcast stations but we also ventured above and below those frequencies in search of interesting DX in the 0-1.8 MHz range such as longwave beacons, fishnet buoys, NAVTEX stations and 1700-1800 kHz European weather forecasts. We also were able to snag a few pirates in the US X-band. Thanks to recent advances in software for identifying non-direction beacons we were able to log some new longwave countries (identified in the log as "via PskovNDB"); although that technique has some controversy in the NDB community these were based on solid signals from those Scandinavian countries, so we felt comfortable including them in our logs.

As usual, seeing and talking with old friends once again was a big positive for all attendees. Our numbers were down a bit due to work obligations for some of our group. This was also the first time that some of us were on site for the full week, which spread out the DX somewhat and allowed some more experimentation with antenna setups. Attendees and equipment are listed below.

Brett Saylor, W3SWL, State College PA – 2 Perseus SDR's, 1 Airspy HF+ Discovery

Russ Edmunds, WB2BJH, Blue Bell PA – 2 SDRPlay RSP1a SDR's

Mike Hunter, W2MHZ, Neshanic NJ – Perseus SDR

Kris Field, Horsham PA – 1 Perseus, 1 Elad SW2

Ralph Brandi, Middletown NJ – 1 Elad FDM-S2, 1 Perseus, 1 Airspy HF+ Discovery

Chuck Rippel, W8HU, Virginia Beach VA – 1 WinRadio G33DDC Excalibur Pro, 1 Airspy Discovery, 1 SDRPlay Duo

Saturday only:

Nick Langan, W2NJL, Tabernacle NJ – 1 Airspy SDR

Michael Temme-Soifer, Princeton NJ – Various portables

Antennas – Two 16' x 36' reversible termination Superloops – one at 60/240 degrees, the other at 170/350 degrees; One 75' Delta terminated for 90/270 degrees; and one Wellbrook 1530 with rotator.

Freq – Country – Call – Station – City Prov/State – Time (UTC) – Date – Details (NDB and NAVTEX loggings listed after the back page – pb)

- 153 **ROMANIA** SRR, Antena Satelor Brazov. 2222 11/04. Music //Antena Satelor web
- 162 **FRANCE** TDF, Time Station, Allouis. 0130 11/06. Data signal
- 171 **MOROCCO** Medi 1, Nador. 0021 11/09. Rock music with female announcer
- 183 **GERMANY** Europe 1, Felsberg. 0026 11/08. French male talking
- 189 **ICELAND** RUV, Ras, Gufuskálar. 0120 11/06. Techno music
- 198 **ENGLAND** BBC 4 synchros. 0003 11/08. News program about WWII propaganda
- 216 **FRANCE** RMC Info, Roumoules. 2116 11/08. French male talking
- 225 **POLAND** Polskie Radio 1, Solec Kujawski. 2212 11/04/2019. Polish talk
- 234 **LUXEMBOURG** RTL, Beidweiler. 0136 11/06. US pop music
- 252 **ALGERIA** ENRS3, Radio Algérienne Chaîne 3, Tipaza. 0043 11/09. English Pop music; announcer in French
- IRELAND** RTÉ Radio 1, Clarkestown. 2211 11/04. English talk
- 530 **CUBA** Radio Enciclopedia, Villa Maria. 2312 11/07. Spanish music and talk
- CUBA** CM--, Radio Rebelde, Guantanamo GU. 0058 11/08. Spanish talk man w/Enciclopedia
- 531 **ALGERIA** Jil FM, El Ain Beida. 2222 11/04. American blues music //549
- 539.86 **NICARAGUA** YNOW, Radio Corporación, Managua. 1056 11/09. Spanish talk by a man on this known offset
- 540 **USA** WFLF, Pine Hills FL. 0200 11/10. ToH ID
- 549 **ALGERIA** Jil FM, Sidi Hamadouche. 2155 11/08. Rhythmic western music //web
- 550 **USA** WGR, Buffalo NY. 2158 11/07. ID
- PUERTO RICO** WPAB, Ponce. 0000 11/06. Lively Latin music, discussion in Spanish by woman
- 558 **SPAIN** RNE5 synchros. 2132 11/08. //567
- 560 **USA** WQAM, Miami FL. 0111 11/09. Local ad J and K Roofing, Cadillac dealer Miami, Dave and Busters in Hollywood; Miami Hurricanes Radio Network
- USA** WGAN, Portland ME. 0158 11/09. ID
- CANADA** CFOS, Owen Sound ON. 0205 11/05. Presumed with 1950's Standards
- CUBA** CMIA, Radio Rebelde, Ciego de Avila CdA. 0000 11/08. Spanish talk, frequent mentions of Cuba
- 567 **SPAIN** RNE5, Murcia. 2200 11/08. Instrumental music, 5+1 time pips, male in Spanish //576
- 570 **COLOMBIA** HJND, Radio Nacional, Bogotá. 0200 11/10. Radio Nacional de Colombia ToH ID woman announcer over interference from Radio Reloj
- CUBA** CMEA, Radio Reloj, Santa Clara. 0214 11/08. Ticks and sounder
- 576 **CANARY ISLANDS** RNE1, Mesas de Galaz. 0200 11/09. Music //585 leading to ToH time pips
- SPAIN** RNE5, Barcelona. 0204 11/05. Man speaking in Spanish //909
- 580 **USA** WTAG, Worcester MA. 2200 11/08. Jordan Levy show; news radio 580 and 94.9
- PUERTO RICO** WKAQ, San Juan. 0000 11/06. Discussion by woman in Spanish, ID by man including sister outlets in Ponce and Mayaguez
- 585 **SPAIN** RNE1, Madrid. 2139 11/04. Male, female talk in Spanish //855 and web
- 590 **USA** WROW, Albany NY. 2142 11/08. Oldies
- USA** WMBS, Uniontown PA. 0132 11/10. Choice Optical ad; tel 724-438-5120. Over/under CMBF
- CANADA** VOXM, St Johns NL. 2143 11/08. Spot with ID over WROW
- CUBA** CMBF, Radio Musica Nacional, La Julia. 0100 11/09. End of classical music, ID, anthem
- DOMINICAN REPUBLIC** HIB24, Radio Santa Maria, Concepción de La Vega. 0902 11/09. Interval signal, Dominican Republic national anthem
- 596 **MOROCCO** SNRT, Oujda. 2304 11/04. Woman speaking in Arabic, weak
- 600 **USA** WSJS, Winston-Salem NC. 2312 11/07. Local ads
- CUBA** Radio Rebelde. 0100 11/08. Spanish talk by man //others
- 603 **ROMANIA** SRR Radio Romania Actualitati synchros. 2202 11/04. Radio drama //756 etc
- SPAIN** RNE5 synchros. 0000 11/10. Pop music, 5+1 pips, ID and RNE tune at top of hour
- 610 **USA** WIOD, Miami FL. 0139 11/10. Rush Limbaugh show at 0200 ToH ID "News Radio 610 WIOD Miami, iHeart Radio Station"
- COLOMBIA** HJKL, La Cariñosa Bogotá, Bogotá. 0358 11/09. "La Cariñosa Bogotá" "R-C-N" and "La Mega" IDs by a man and woman in Spanish. Good on top of frequency
- CUBA** CM--, Radio Rebelde synchros. 0100 11/08. ID
- 612 **MOROCCO** RTM, Sebââ-Aioun. 2254 11/04. North African music sung by male
- 620 **USA** WVMT, Burlington VT. 0200 11/09. ID
- CUBA** CMGN, Radio Rebelde, Colon. 0100 11/08. Male speaking //other Rebelde outlets
- 621 **SPAIN** RNE1 synchros. 2200 11/08. Radio Nacional 5 short one long pip
- 630 **USA** WBMQ, Savannah GA. 0125 11/10. Spot for local traffic and weather. "The talk everybody's talking about' WBMQ ID"
- USA** WMFD, Wilmington NC. 0026 11/09. ESPN radio
- USA** WPRO, Providence RI. 2123 11/08. Local traffic and Accuweather weather; Dan York show
- CUBA** CM--, Radio Reloj, unknown. 0000 11/06. Ticks, rapid Spanish talk by man
- PORTUGAL** Antena 1 synchros. 2200 11/09. Female vocal, male speaking, 4+1 time pips //720
- PUERTO RICO** WUNO, San Juan. 2237 11/07. NotiUno ID
- TUNESIA** RTT, Tunis. 2300 11/09. Presumed with North African music sung by male
- VENEZUELA** YVKA, RNV Informativa, Caracas. 0000 11/08. Presumed with Spanish talk and unique time pips (2 short, 1000 Hz pips 3.5 seconds apart as reported last year
- 639 **SPAIN** RNE1 synchros. 2155 11/08. Spanish male talk //684

640 **CUBA** CM--, Radio Progreso synchros. 0158 11/10. Station ID Spanish language music

650 **CANADA** CKGA, Gander NF. 2203 11/08. ID

COLOMBIA HJKH, RCN Antena Dos, Bogotá. 0200 11/09. Spanish male talk, sounder, 5+1 pips

670 **USA** WWFE, Miami FL. 0200 11/09. Spanish talk, mentions of Miami

CUBA CM--, Radio Rebelde synchros. 0200 11/09. Spanish talk, multiple Cuba mentions //other outlets

672 **UnID** 2015 11/07. Three carriers detected, known NDB beacons on frequency from Ukraine and Russia. Stronger carrier possibly corresponds to more widely heard "RS" in Rashivka, Ukraine while one of the weaker ones could be "M" in Bugulma, Russia. "RS" is heard in Europe while "M" only reported in Russia

680 **PUERTO RICO** WAPA, San Juan. 0157 11/10. Spanish, news mention of Puerto Rico by male announcer over/under WCBM

684 **SPAIN** RNE, Dos Hermanas. 2141 11/04. Male, female talk in Spanish //855

690 **USA** WOKV, Jacksonville FL. 2200 11/08. ID

COLOMBIA HJCZ, W Radio, Bogotá. 0100 11/08. Spanish talk by man, multiple mentions of Bogotá

CUBA Radio Progreso, Santa Clara SC. 0200 11/10. ToH ID

MÉXICO XEN, Radio Centro, Mexico City DF. 1124 11/09. Mexican national anthem, ID @ 1126

693 **ENGLAND** BBC Radio 5 Live synchros. 2214 11/05. Soccer sports talk

700 **USA** WZOO, Asheboro NC. 2200 11/07. Oldies, liner, ABC news

COLOMBIA HJCX, W Radio, Cali. 0100 11/08. Spanish talk by man, 5+1 pips

702 **UnID** 0200 11/09. Middle Eastern sounding music, 5+1 1 kHz pips. Only station listed on at the time is a Saudi, not known for the use of pips

710 **CUBA** Radio Rebelde synchros. 0159 11/10. Dance music, Whitney Houston, "Musica nacional aribe"

720 **CANARY ISLANDS** RNE Radio 5, Tenerife. 2200 11/08. 5+1 time pips clearly, RNE fanfare

CUBA CMMC, Radio Progreso, Mabujabo. 2335 11/07. Sounder

PORTUGAL Antena 1 synchros. 2200 11/09. Female vocal, male speaking, 4+1 time pips //630

729 **SPAIN** RNE1 synchros. 2243 11/05. Man talking in Spanish //738, 684

730 **USA** WDOS, Oneonta NY. 2200 11/07. ID

USA WLTV, Charleston SC. 2200 11/08. ID

+0129 11/10. Catholic programming, www.seekholiness.com Catholic Diocese of Columbus; later EWTN mention. Local telephone number 843-471-2261

COLOMBIA HJCU, Melodia, Bogotá. 0058 11/08. ID

CUBA CM--, Radio Progreso, La Fe. 0101 11/08. ID

MÉXICO XEX, Mexico City DF. 0127 11/10. Soccer game being called in Spanish; 0200 ToH Deportes ID

738 **SPAIN** RNE1, Barcelona. 2240 11/05. Man talking in Spanish //684

747 **SPAIN/CANARY ISLANDS** RNE5 synchros. 2140 11/04. Man speaking in Spanish //909

750 **CUBA** CM--, Radio Progreso, Palmira. 0100 11/08. Spanish male vocal music //others

756 **ROMANIA** SRR Radio Romania Actualitati, Lugo. 2200 11/09. Man giving ID, 6 short time pips

760 **COLOMBIA** HJAJ, Barranquilla. 0101 11/05. RCN Radio ID, into news by a woman

PUERTO RICO WORA, Mayaguez. 0100 11/09. ID mixing with HJAJ

765 **SAUDI ARABIA** SBA Al-Quran al-Karim synchros. 0102 11/05. Arabic music, female singer

770 **COLOMBIA** HJJX, RCN Radio FM 93.9, Bogotá. 1000 11/08. Time pips, canned ID @ 1000, //760, under Rebelde

CUBA Radio Artemisa, La Salud. 0101 11/05. Artemisa tune, Spanish talk by a man and woman w/mentions Cuba

CUBA Radio Rebelde, Victoria de Las Tunas LT. 0059 11/10. Rebelde sounder

774 **EGYPT** ERTU Al-Sharq al-Awsat, Abis. 0030 11/09. Arabic popular music, //http://www.egradio.eg/LiveRadio/

SPAIN/CANARY ISLANDS RNE1 synchros. 2144 11/04. Male, female talk in Spanish //855

783 **SYRIA** SRTV Radio, Tartus. 0159 11/10. Music, ID "H'aat al-Dimashq" @ 0200, //stream at <http://www.ortas.online/RadioDamascus/>

790 **CUBA** Radio Reloj synchros. 0059 11/10. RR

792 **SPAIN** EAJ5 SER, Sevilla. 2115 11/08. Man speaking in Spanish //1044

800 **BONAIRE** PJB, TWR, Kralendijk. 2348 11/09. Spanish talk //web

801 **SPAIN** RNE1 synchros. 2134 11/08. Male/female talking in Spanish //774

810 **COLOMBIA** HJCY, Caracol Radio, Bogotá. 1000 11/08. ID @ 1000

CUBA CMMB, Radio Progreso, Guantanamo. 0100 11/08. Spanish male vocal music //others

SCOTLAND BBC Radio Scotland synchros. 2200 11/09. Bagpipe music mixing w/WGY, into BBC News

819 **EGYPT** ERTU, Batrah. 2202 11/04. Man speaking in Arabic

820 **CUBA** CMBU, Radio Ciudad de la Habana, Arroyo Arenas. 0100 11/09. Man speaking in Spanish, ID

CUBA CMBD, Radio Reloj, Ciego de Avila. 2358 11/09. RR ID

830 **USA** WCRN, Worcester MA. 0059. 11/10. Religion, spot for Holy Land tours weak in pileup with Spanish station

DOMINICAN REPUBLIC HIJB, Santo Domingo. 0118. 11/09. Latin music, ID @ 0122

837 **SPAIN/CANARY ISLANDS** COPE synchros. 2110 11/04. Spanish talk, music

840 **HAITI** 4VEH, Cap-Haïtien. 2300 11/04. Choir music, "Dashing through the snow" IS, mixing with Cuban station

UnID 0000 11/09. 4 long, 1 short low-pitched pips over 4VEH – possibly another Latin American

855 **SPAIN** RNE1 synchros. 2110 11/04. Male, female talk in Spanish

860 **USA** WSBS, Great Barrington MA. 2101 11/08. ID

CUBA Radio Reloj, Jovellanos. 0046 11/10. RR under CJBC

864 **EGYPT** ERTU Al-Quran al-Karim, Santah. 0258 11/05. Koranic recitation

870 **CUBA** Radio Reloj synchros. 0044 11/10. RR and Radio Reloj ID

CUBA CMBC, Radio Progreso, Chambas Centro. 0017 11/09. //web

900 **CANADA** CHML, Hamilton ON. 0159 11/09. Net Credit; Bathtub King Dardanell; CHML ID

CUBA CM--, Radio Progreso, Urbano Noris. 0051 11/09. Radio Progresso ID at ToH

909 **ENGLAND** BBC Radio 5 Live synchros. 0000 11/05. Sports play by play by a fast announcer

SPAIN RNE5, Palma de Mallorca. 2112 11/04. Man speaking in Spanish

918 **SPAIN** Radio Intercontinental, Madrid. 2205 11/04. Spanish music, talk

920 **USA** WDMC, Melbourne FL. 0257 11/19. EWTN Network; 777-2664 Dave Mastro Air conditioning Satellite Beach

930 **USA** WRVC, Huntington WV. 0146 11/09. PSA high blood pressure HUD, AHA, Ad Council; PSA End Extinction project: ID The Drive ESPN 94.1 and 930

936 **MOROCCO** SNRT, Agadir. 2256 11/06. Female singing in Arabic

SPAIN RNE5 synchros. 2151 11/04. Spanish talk by female

940 **USA** WINZ, Miami FL. 2200 11/08. ID

USA WKGM, Smithfield VA. 2200 11/07. ID

COLOMBIA HJTL, Cucuta. 0140 11/09. Spanish music, talk, 5+1 pips as reported last summer

MÉXICO XEQ, La Ke Buena, Mexico City DF. 0150 11/09. Tuba music, into Spanish talk @ 0200, ID @ 0204

PUERTO RICO WIPR, San Juan. 0104 11/09. Presumed with "Mr Latin Jazz" music show which is on WIPR per their website

940.27 **COLOMBIA** HJGB, Radio Calima, Cali. 0102 11/05. South American music on reported offset

950 **CUBA** CM--, Radio Reloj synchros. 0139 11/09. RR ID

954 **CZECHIA** Český Rozhlas synchros. 2208 11/04. //Cro Dvojka web

SPAIN Onda Cero Radio, Madrid. 2208 11/04. Spanish music, talk

960 **USA** WFIR, Roanoke VA. 0130 11/09. PSA Roanoke Valley SPCA

CUBA Radio Reloj, Guantanamo GU. 0130 11/09. RR ID

970 **USA** WZAN, Portland ME. 0100 11/08. ID

USA WWRK, Florence SC. 0128 11/09. The Rock 94.1, 97.9 and 105.9 ID

972 **SPAIN** RNE1 synchros. 2300 11/06. Spanish talk, 5+1 time pips

980 **USA** WXCM, Groton CT. 2100 11/08. ID
USA WOFX, Troy NY. 2200 11/07. ID
USA WAZS, Summerville SC. 0259 11/09. Spanish up-tempo music, "La Raza" said twice
CUBA Radio Coco, Havana. 0300 11/10. Tropical music believed to be Havana

981 **ALGERIA** Chaîne 2, Ouled Fayet. 0209 11/08. Arabic music – male vocals

990 **USA** WNTY, Southington CT. 2014 11/06. ID with WNTP nulled
USA WTLN, Orlando FL. 0256 11/10. Spots First Orlando.com, Calvary Tabernacle of Orlando, local tel number
USA WNML, Knoxville TN. 0121 11/09. University of Tennessee football
CANADA CBY, Corner Brook NL. 2300 11/09. ID, CBC news
CUBA Radio Guama, Pinar del Río. 0000 11/06. ID, jingle tune under WMVP

999 **SPAIN** COPE, Madrid. 0157 11/05. Spanish talk, music //837

1000 **COLOMBIA** HJAJ, RCN, Cartagena. 0200 11/09. Spanish male talk, RCN sounder
COLOMBIA HJQ98, Cadena Radial Vida, San Jose del Guaviare. 0200 11/09. Tentative with Spanish talk, instrumental "Amazing Grace" and 5 long pips

t **COLOMBIA** HJJG, Radio Nacional de Colombia, Manizales. 0202 11/09. Presumed with male in Spanish speaking with repeated mentions of "Manizales"

p **CUBA** Radio Granma, Media Luna. 0000 11/06. Ascending tone jingle, under domestics
CUBA CM--, Radio Artemisa, Artemisa. 0058 11/09. Spanish music //1020

1017 **SPAIN** RNE5 synchros. 2207 11/07. Spanish music and talk //others

1020 **CUBA** CMAM, Radio Artemisa, Bahia Honda. 0059 11/09. ID

1026 **SPAIN** SER synchros. 2208 11/07. Spanish talk //others

1039.6 **VENEZUELA** YVLB, La Voz del Carabobo, Valencia. 0019 11/05. South American music on reported offset

1040 **USA** WURN, Miami FL. 0100 11/08. English ID
CUBA Radio Mayabecque, Guines. 0100 11/09. Sounder and ID

1044 **SPAIN** SER synchros. 2116 11/04. Strong with man in Spanish

1050 **USA** WLON, Lincolnton NC. 0303 11/19. "You're listening to The Boss 107.5 WLON Lincolnton NC **KTCbroadcasting.com**". Football game
UnID 0250 11/10. Mexican music, no IDs

1053 **ENGLAND** TalkSport synchros. 2116 11/04. Sports talk

1060 **USA** WQOM, Natick MA. 2012 11/06. Religious talk with KYW nulled
COLOMBIA HJFJ, RCN, Manizales. 2200 11/07. Presumed with Spanish female vocal, male vocal, 5+1 pips
CUBA CMGW, Radio 26, Jovellanos. 0301 11/10. Esta es Radio Cuba

p **MÉXICO** XEEP, Radio Educación, Mexico City DF. 0100 11/08. Opera under KYW, presumed

p **PUERTO RICO** WCGB, Juana Diaz. 0059 11/09. Spanish religious music, ID as "W-B... San Juan... Rock Radio Network" then promo for Luiz Palau ministries show. Rock Radio is a Puerto Rico religious network. Later heard mentions of "San Juan en San Antonio" which are both cities in Puerto Rico
UnID 0251 11/10. Mexican music, no IDs

1062 **ITALY** RAI Radio 1 synchros. 2258 11/06. Italian national anthem then off

1070 **USA** WPLB, Plattsburgh NY. 2203 11/08. ID
USA WNCT, Greenville NC. 0100 11/08. ID
USA WCSZ, Sans Souci SC. 0259 11/10. Spanish contemporary music. ToH ID
COLOMBIA HJAH, Emisora Atlantico, Barranquilla. 0101 11/08. Spanish music, "Emisora Atlantico" jingle
COLOMBIA HJCG, Radio Santa Fe, Bogotá. 0200 11/09. Spanish talk, multiple IDs

1080 **USA** WALD, Johnsonville SC. 0253 11/10. "You're listening to Worship and Words Network. 803-402-3639 Peter Potters Christian Life Center"

1089 **ENGLAND** TalkSport synchros. 2302 11/04. Sports talk

1098p **SAUDI ARABIA** SBA Radio Jeddah, Dammam. 2200 11/09. Presumed with recitation in Arabic, no other possibility
SPAIN RNE5 synchros. 2200 11/08. Spanish talk, 5+1 time pips

1100p **COLOMBIA** HJYZ, RCN La FM Neiva, Neiva. 0200 11/09. Mention of "Antena Dos" so must be RCN as the only RCN outlet is in Neiva

1107 **SPAIN** RNE5, Logrono. 0155 11/05. Man speaking in Spanish //909

1120 **USA** WKAJ, St Johnsbury NY. 2341 11/07. Country, ID
PUERTO RICO WMSW, Radio Once, Hatillo. 0000 11/09. ID

1125 **SPAIN** RNE5 synchros. 0153 11/05. Man speaking in Spanish //909

1130.58 **COLOMBIA** HJAC, Emisora Riomar, Barranquilla. 0100 11/08. Drifted down slightly from 1130.59 over course of listening; popular Latin American music, including some sounding Andean. ID 0059 "Emisora Riomar" and carrier off at 0207

1134 **SPAIN** COPE synchros. 0153 11/05. Spanish talk, music //837

1140 **CANADA** CBI, Sydney NS. 1000 11/05. CBC sounder, into news

1152 **SPAIN** RNE5 synchros. 2225 11/07. Spanish talk //1305

1170 **UNITED ARAB EMERITS** Sawt Al-Joumhouria, Al-Dhabbaya. 2135 11/07. Stringed middle-eastern instrumental music with vocal accompaniment, over WVVVA

1179 **ROMANIA** SRR Radio Romania Actualitati synchros. 2124 11/04. Radio drama //756 etc

1180 **CUBA** Radio Rebelde synchros. 2343 11/07. Sounder

1188 **IRAN** Radio Payam, Tehran. 0039 11/06. //web w/male vocals local music

1200 **USA** WTLA, North Syracuse NY. 2300 11/04. Local ad and ID

1210 **CUBA** CMLE, Radio Reloj, Victoria de Las Tunas LT. 2345 11/07. Ticks and Sounder
CUBA CM--, Radio Sancti Spiritus, Sancti Spiritus. 0058 11/08. ID

1215 **ENGLAND** Absolute Radio synchros. 0037 11/06. US rock music, ads, ID's – In every night all night

1224 **SPAIN** COPE synchros. 2243 11/05. Spanish talk, music

1260 **USA** WSUA, Miami FL. 2200 11/05. Spanish male announcer, promo for 104.7 translator
CANADA CKHJ, Frederickton NB. 0959 11/05. Pure Country slogan, local ads

1269 **SPAIN** COPE synchros. 2129 11/08. Spanish talk //1296

1270 **CANADA** CJCB, Sydney NS. 2201 11/09. ID

1278 **IRAN** Radio Kermanshah, Kermanshah. 0019 11/06. Farsi talk as per Real DX

1290 **USA** WJCV, Jacksonville NC. 2100 11/08. AM and FM ID
USA WDZY, Colonial Heights VA. 2200 11/05. ID

1290.29 **BRAZIL** ZYH888, Radio Timbira do Maranhao, San Luis. 0257 11/07. Portuguese talk by a man and woman on reported offset

1296 **ENGLAND** Radio XL, Birmingham. 0255 11/04. Man speaking in British English
SPAIN COPE, Valencia. 0255 11/05. Spanish talk, music //837

1305 **SPAIN** RNE5 synchros. 2303 11/04. Man speaking in Spanish //909

1309.67 **COLOMBIA** HJAK, La Voz de la Patria Celestial, Barranquilla. 0115 11/10. Man talking in Spanish, music on/near recently reported offset

1314 **SPAIN** RNE5 synchros. 2300 11/09. Spanish talk by male, 5+1 time pips

1320 **USA** WARO, Attleboro MA. 2200 11/07. ID
USA WDER, Derry NH. 2200 11/07. ID

1386 **LITHUANIA** RFE/RL, Viešintos. 2057 11/05. Talk by man in Russian

1413 **MOLDOVA** Vesti FM, Grigoriopol. 2122 11/05. //Vesti FM web w/Russian talk
SPAIN RNE5 synchros. 2200 11/08. Spanish talk, 5+1 time pips //1098

1420 **USA** WBSM, New Bedford MA. 0057 11/09. Delta Animal Rescue; Michael Savage ABC News at ToH
USA WCOJ, Coatesville PA. 0057 11/09. In mix with WBSM. WCOJ had EWTN programming

1422 **ALGERIA** Radio Coran, Ouled Fayet. 0204 11/08. Woman speaking in Arabic with music.

1431 **DJIBOUTI** VoA Arta, Djibouti. 2358 11/08. Western female vocal pop

1440 **USA** WVEI, Worcester MA. 0102 11/09. Holy Cross vs Sacred Heart hockey; J and B Financial Services; Sports Radio 1440

1458 **ENGLAND** Lyca Radio, Brookmans Park. 0105 11/06. Southeast Asian music

1460 **USA** WOPG, Albany NY. 0059 11/09. ToH ID WOPG AM and FM 89.9, religion, spot for a book Catholic Church Saved my Marriage "Dr David Anders"

- 1467 **FRANCE** TWR, Roumoules. 2227 11/08. Eastern European Language program
1467.36 **IRAN** Radio Qom, Qom. 2235 11/06. Middle Eastern music; known offset
1476 **UNITED ARAB EMIRITS** Radio Asia, Ras-al-Kaimah. 2200 11/05. Female singing, male talk in Arabic
1480 **USA** WSAR, Fall River MA. 0104 11/09. Municipal Credit spot; ToH ID mentioned podcast 1480 SAR 94.9 FM
1485 **SPAIN** SER synchros. 2155 11/08. Male talking //1602
1503 **SPAIN** RNE5 synchros. 0150 11/05. Man speaking in Spanish //909
1510 **USA** WVJJ, Salem NJ. 2113 11/08. Old Country Gardens Holiday Spirit; Avondale Presbyterian Church, UD Campus Newark; 96.9 Jammin Wilmington
USA WPGR, Monroeville PA. 2200 11/07. Multi-station ID in sign off
ECUADOR HCIO2, Radio Naval, Guayaquil. 0101 11/08. 1 sec 1 kHz time pips clearly heard
1512 **SAUDI ARABIA** SBC, Jeddah. 2232 11/04. Arabic talk
1520 **COLOMBIA** HJLI, Su Presencia, Bogotá. 0200 11/09. Male speaking, in Spanish, "...en Bogotá..."
1521 **SAUDI ARABIA** SBA Radio Riyadh, Dubai. 2104 11/09. Very loud, clear Arabic language and singing
SLOVAKIA Radio Devín, Usovská Panica. 2239 11/04. Slavic folk music is this per RealDX
SPAIN EAJ-14, SER, Castellón. 0100 11/09. Female vocal, 5+1 time pips
1530p **ROMANIA** SRR Radio Romania Actualitati, Radauti. 2200 11/08. Presumed with 6 short time pips mixing with WCKY
SAO TOME VoA, Pinheira. 2154 11/06. //web, VoA music show, "VoA" ID's, sign off announcement
1539 **UNITED ARAB EMIRITS** Pravasi Bharathi 810 AM, Al-Dhabbaya. 2136 11/04. Indian music //web
1540 **USA** WADK, Newport RI. 2214 11/09. Jazz and adult standards; station ID; Philadelphia off on 1540
1548 **KUWAIT** Radio Sawa, Al-Kuwayt. 2042 11/06. Arabic talk by a man – similar to but not identical to web
MOLDOVA TWR Europe, Grigoriopol. 2100 11/04. TWR IS
1550 **USA** WSDK, Bloomfield CT. 2104 11/09. Religious programming and station ID
USA WRHC, Coral Gables FL. 2300 11/08. Spanish Religion, English ToH ID
CUBA CM-, Radio Rebelde synchros. 0157 11/08. Multiple echoing Rebelde jingles with Spanish male talk
1566 **BENIN** TWR Africa, Parakou. 2140 11/05. English religious talk
1570 **USA** WUBG, K-LOVE, Methuen MA. 2235 11/08. New format
GUATEMALA TGVE, Voz de Evangelica de America, Ciudad de Guatemala. 0101 11/09. "Radio VEA" ID and website address given
MEXICO XERF, La Poderosa, Ciudad Acuña. 1102 11/05. La Poderosa ID
1575 **ITALY** RAI1, Genova. 2137 11/04. Radio drama in Italian
SPAIN SER synchros. 2154 11/09. Sounded like a play with man and woman
1580p **USA** WVOK, Oxford AL. 0051 11/09. Local ad for Oxford business with 256 area code, then into oldies music
1584p **CEUTA** Radiote, Ceuta. 0150 11/09. Presumed with Spanish vocals not //SER
SPAIN SER synchros. 2100 11/05. Female, then male in Spanish //1602
1590 **USA** WCSL, Cherryville NC. 0115 11/08. High school football; Sandy Tysinger Funeral Home, Realtor 21 E Main St downtown Cherryville
USA WARV, Warwick RI. 2200 11/07. ID
1593 **FRANCE** Bretagne 5, St Goueno. 2252 11/09. French music w/French talk
ROMANIA SRR Radio Romania Actualitati, Ion Corvin. 0008 11/05. Man speaking, ID
1600 **USA** WKWF, Key West FL. 0000 11/08. Full ID, sports – 500 watts
1602 **SPAIN** SER synchros. 2202 11/05. Spanish talk by a man
1620 **USA** WQAL487, Manasquan NJ. 1605 11/08. TIS w/local announcements, ID
USA WPTU717, Ocean City NJ. 2037 11/07. Continuous loop NOAA weather
US VIRGIN ISLANDS WDHP, Frederiksted. 0057 11/09. ID in program with Calypso music woman Creole said 103.5. WDHP is owned by Reef Broadcasting and simulcasts its FM WAXJ 103.5 on weekend nights, in a mix with Cuba
1629 **GREECE** Radio Anatolia, Kilkis. 2143 11/05. Presumed pirate with Greek music in briefly
1630 **USA** WPVT511, Avalon, NJ. 2039 11/07. Continuous loop local PSA announcements
1638t **NETHERLANDS** Bluebird Radio, unknown. 2144 11/05. Strong carrier here with little to no audio – Bill Whitacre IDed as this from Lubec during QH14
1640 **USA** WTNi, Biloxi MS. 0133 11/08. C&W ID 103.5 The Possum
USA WQBR758, Spring Lake NJ. 2034 11/07. Continuous loop NOAA weather
1670 **USA** WQTD656, Mantoloking NJ. 2036 11/07. Continuous loop NOAA weather, distorted audio
1700 **USA** WRCR, Ramapo NY. 2238 11/04. Weather, ID
1707 **NORWAY** UnID 2317 11/05. USB, woman giving weather in English //1728, 1731, 1782, 1785, nothing listed for 1707. Heard apparent Norway again 11/6 2306. Appears a new or reallocated Norwegian coastal station.
SPAIN Coruna Radio, Ares. 2311 11/05. USB, Weather by male in Spanish confirmed by Mauricio Molano on Real DX
1710 **USA** WQFG689, Hudson County, Secaucus NJ. 0217 11/06. ID
PIRATE 0639. 11/09. UnID pirate over Hudson Co TIS with brief rock music – "Eye of the Tiger" then off. Played "Danger Zone" at 0645. Doesn't fit Radio Corsair or Tater Patch formats.
1713t **ICELAND** TFV, Vestmannaeyjar. 0207 11/09. UnID USB weather broadcast by a man in Nordic language. Iceland presumed based on published schedules. Also heard at 0542
1728 **NORWAY** LGN, Rogaland Radio, Marøy. 2318 11/04. USB, man with weather in English, weak
1731 **SVALBARD** LGS, Bodo Radio, Kapp Linne. 2316 11/05. USB, woman giving weather in English
1734 **DENMARK** OXZ, Lyngby Radio, Blavand. 0136 11/05. USB, man with weather in English
1752 **IRELAND** EJK, Valentia Coastguard Radio, Valentia. 2247 11/04. USB, man with weather in English, weak
1753 **INTERNATIONAL WATERS** 4KME, DriftNet Buoy, North Atlantic. 0245 11/05. CW ID and tone
1755 **BALERIC ISLANDS** EAO, Palmas Radio, Marratxi. 2340 11/04. USB, man giving weather in Spanish, weak //1767
1758 **DENMARK** OXZ, Lyngby Radio, Frederikshavn. 0138 11/05. USB, man with weather in English
1764 **SPAIN** EAF, Coruna Radio, Cabo Fisterra. 2344 11/06. USB, man giving weather in Spanish, weak //1755, 1767
1767 **SPAIN** EAO, Valencia Radio, La Asomada. 2340 11/04. USB, man giving weather in Spanish, weak //1755
1779 **SWEDEN** SDJ, Stockholm Radio, Bjuroklubb. 2200 11/09. USB, man and woman giving weather
1782 **NORWAY** LGL, Floro Radio, Orlandet. 2317 11/05. USB, woman giving weather in English
1785 **NORWAY** LGZ, Rogaland Radio, Farsund. 2321 11/04. USB, man with weather in English, weak
1797 **SWEDEN** SDJ, Stockholm Radio, Gisolvsammer. 2200 11/09. USB, man and woman giving weather
4055 **GUATEMALA** Radio Verdad, Chiquimula. 0000 11/04. IS and sign on with NA



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

Deadlines: 2/15, 2/22, 3/7 – Anniversary issue, 3/21, 4/4, 4/18 and 5/2

Glenn Hauser, PO Box 1684, Enid OK 73702 wghauser@yahoo.com

Greetings. All times and dates strictly UT. Receiver: mostly DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock caradio as specified; or IC-R75 with E-W longwire.

USA. 353-MCW kHz, February 4 at 0707, mix of IN and LI, NDB beacons of 100 and 400 watts resp. at International Falls MN and Little Rock AR.

420-MCW kHz, February 4 at 0702, mix of FQ and PK, NDB beacons, both 25 watts, at Fairmont MN, and Olathe+ KS.

CANADA. 346-MCW kHz, February 7 at 0706, ND beacon dash and YXL, which is 500 watts from Sioux Lookout ON. I was tuned to 347-USB.

382-MCW, February 7 at 0708, NDB dash and YPL, which is 1000 watts from Pickle Lake, Ontario. Both audible despite storm noise crashes from SE USA and I hope temporary local buzz noise level.

CANADA. 382-MCW kHz, February 6 at 0711, ND beacon dash and YPL, which is 1000 watts from Pickle Lake ON.
326-MCW kHz, February 6 at 0712, ND beacon dash and YQK, which is 200 watts from Kenora ON. Both audible despite storm crash noise from the southeastern USA, while many more were not, like the 25-watt ones. As spring and summer oncome, LW beacon DX will become untenable.

CANADA. 335-MCW kHz, February 8 at 0708, dash and YLD, ND beacon, 1000 watts from Chapleau ON.

351-MCW kHz, February 8 at 0710, dash and YKQ, NDB, 500 watts from Fort Rupert-Waskaganish QC.

406-MCW kHz, February 8 at 0718, dash and YLJ, NDB 40 watts from Meadow Lake SK; noise level is lower in the 400s than the 300s.

USA. 365-MCW kHz, February 7 at 0707, ND beacon AA, which is 100 watts from Fargo-Harwood ND. Was tuned to 363-USB.

400-MCW kHz, February 7 at 0709, ND beacon AHQ, which is 25 watts from Wahoo NE. Vs storm noise from SE USA and local buzz.

USA. 379-MCW kHz, February 8 at 0712, ND beacon copied as RSE on 380, but nonesuch listed. Probably really RUE, 25 watts in Russellville AR.
410-MCW kHz, February 8 at 0720, ND beacon JU, but nonesuch listed at dxinfocentre. Maybe 25-watt JUH, Jefferson-Ashe NC. Could it be miskeying? Was not hearing an H. **Classaxe.com** in fact does show that one as JU only.

USA. 410-MCW kHz, re my log of NDBeacon JU, Harold Frogge agrees that he and Ken Zichi in Michigan have also logged it, not JUH: "410 JU 1.0 Jefferson NC, Ashe County A/P; 02, 23 November, 03 December (HF), 04 November (KZ, HF)" – meaning 2019y?

USA. 650, February 6 at 1343, just after sunrise here, "The Legend, WSM 650 AM" Nashville is still in and not a sign of XETNT, which used to be an SRS regular; only one XE audible, 730, q.v.

UnID. Trans-Pacific JBA MW carrier search, February 5 at 1345: only 774 and 828 from the NW, surely the NHKs. A minute early could not hear FEBC South Korea on 1566. Need to awaken earlier before LSR now.

USA. 1090, February 5 at 0703 tune-in, dead air of course from KAAV Little Rock, until 0705 cuts into tail of SRN news; 0705.5 starts music, a few seconds later cuts to other music, gospel. Something's always wrong at Cumulus KAAV.

USA [and non]. 1090, February 8 at 0700:50 to 0705:30 duration of SRN News hole of dead air after illegal ID as "AM 1090 KAAV" failing to specify Little Rock CoL, and before resuming with gospel music. During this, XEAU Monterrey dominant from south, Spanish infomercial making SAH and another very weak UnID with music.

OKLAHOMA [and non]. 1319.96, February 3 at 1915, for at least the third afternoon in a row (and 24h?) dead air only from KCLI Clinton, always way off-frequency; trace of other audio; and by 2059 recheck, skywave building up vs the KCLI LAH, ID for KWHN Fort Smith AR and ABC News sounder; CCI and by 2106 an ID from KLWN Lawrence KS, along with FM 101.7, sports-talk, my other closest 1320.0. KLWN is only 500/250 watts U1; KWHN is 5000/5000 U2; neither in NRC AM Log with network A = ABC, but KWHN with Ar = Arkansas Radio Network.

OKLAHOMA. 1319.96, February 5 at 2112, KCLI Clinton still dead air while skywavers are QRMing already from AR/KS.

OKLAHOMA. 1319.96, February 6 at 1831, KCLI Clinton is finally modulating again after at least 5 days of dead air.

OKLAHOMA [and non]. 1320.0, February 7 at 1621 check on the R75 with E-W longwire, dominant signal is in political talk, not sports, so KWHN, Fort Smith AR; with the rotatable DX-398 on 1319.96, I can separately get sports talk from SW, which is modulation from KCLI Clinton.

OKLAHOMA. 1319.96, February 9 at 1859, KCLI Clinton continues to modulate, partial ID mentions KWEY HD-4(?), 1900 into Fox Sports Radio. This time soon after local mean noon, no CCI from KWHN Fort Smith. KWEY is 1590 in nearby Weatherford, once(?) a competitor yet now jointly owned with KCLI, so there could be some cross-pollination, but is there any such thing as HD-4? Maybe I misheard. Usual references FCC and otherwise do not provide full, or any, info about what's on all those IBOC sub-channels! It seems that neither KCLI nor KWEY has a full FM counterpart, only translators. (Later: Fredrik Douren points out that KWEY does have an FM, 18+ kW on 95.5 – but no info about its HD sub-channels)

OKLAHOMA. 3740, February 6 at 0719, JBA music and talk, local mix of KCRC X 2 + KWGA (2780+960), apparently external mixing rather than receiver-produced; 2780 harmonic is always there distorted, and – 1390, February 6 at 0720, as I check for KCRC //3740 I find it's in dead air of stupid sports talk! Yet another AM station incapable of unattended operation.

USA. WOR 2020 confirmed Sunday February 9 at 0524, 16 minutes into so started very late circa 0508 on WAORCR, 1860-AM, MO. Earlier was good reception direct but later I'm listening via Peoria IL KiwiSDR. Houston AMSAT net recording was playing until 0456 when ARRL News started, so if no WOR was lost, ARRL must have lasted only 12 minutes.

NORTH AMERICA. 4045-USB, February 9 at 0119, S9+20 of blues, but already off at 0124 check after some other tuning. Many posts here say it's Ze-ke's Attic, which moved to 4107 at 0126: <https://www.hfunderground.com/board/index.php/topic,63065.0.html>. This thread covers logs on both frequencies. 4107-USB, I independently find him here at 0147, blues? song S9+10, 0148 DJ Ze-ke recognized saying he's waiting for a report from the Mojave Desert; 0149 a familiar torch song, which someapp IDs as "What's New" by Billie Holiday.

USA. 4840, February 5 at 0716, this very good WWCR signal is in dead air; 3215 is S9+10 but JBM, still with BS? 5890 is off tonight as it should be; and the other one, 5935 S9+10/20, fair with DGS. Clearly, managing more than one broadcast at a time is beyond their attention span; although the fourth may have been dumb luck, while everybody zzz at 1300 WWCR Ave, if any.

USA. 4980, February 3 at 0512 check, JBA carrier from WRMI-4, testing with exciter only into 160-degree antenna, per Jeff White. Not sure how much this or a typical exciter emit, presumably well under 100 watts.

CUBA. 5010-5040, February 9 at 0135, Radio Rebelde is splattering out to this range from 5025; while Radio Havana Cuba is also splattering out to 5030-5050 from its 5040; actually, can't tell where one transition to the other between 5025 and 5040.

USA. 5085, (and parasitic JBA spurs 5072.1 and 5097.9), Sunday February 9 at 0120, Bob Heil is talking on WTWW-2, evidently just starting his anonymous theatre organ show at very odd time, which I continue to enjoy from one radio to one ear while DXing another radio into the other ear. Ends at 0152 with WTWW ID and promos.

USA. 5130.0, February 8 at 2355, this WBCQ is S9+10 as IS and ID loop plays prior to Saturday's Area 51. Seems a better signal now than we had been getting from it. Sometime after 0100 February 9, it's GRITS Radio with someone sounding rather like Marion.

Until the next, Best of DX and 73 de Glenn!

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

A quick note to let people know that my deadline for the anniversary issue is March 7th. As usual, you can send the report early but please let me know you intend it for the anniversary issue. It's normally the largest column of the year for me. As for me right now, I am starting to do a little DXing again. I picked up a slightly used KIA Sportage back at Labor Day and, now that we are starting to get some colder weather, I have been listening to the car radio while warming up the car. It's the first time I've used a radio with a dial that tells me what frequency I am listening to and I love it. This radio is also precise enough that my locals here in Indianapolis are not bleeding over to the adjacent channels. For example, Friday morning at 0800, I was listening to a weak WIMS-1420 in Michigan City IN (where my son lives) with no splash at all from my local on 1430. Saturday night February 8th was my mystery night. We were headed out to eat at 2306 EST and I was warming up the car while listening to a very weak station with apparent C&W on 1190 with no trace of WOWO Fort Wayne IN. The music was weak but actually the dominant station even though it was hard to hear. Sunday afternoon, WOWO was very strong in the daytime so they must have been off the night before. I have been listening to semi-local WHBU-1240 Anderson IN with some good oldies from the late 50's. That's it for this week. 73.

SPECIAL FEATURE – Two UK DX Sites compared

Comparing Burssea to Clashmore – Andrew Brade (MWC)

My home QTH is Burssea in East Yorkshire, half way between Hull and York. The area is electrically quite quiet. As the location is on the eastern side of the UK, transatlantic (TA) signals have to fight their way past the urban conurbations of Yorkshire and Lancashire.

In addition to fighting UK QRM, Spain is also a source of interference. In Burssea I can hear East Coast station with ease, but finding something beyond the Great Lakes requires special conditions.

Back in 2008 I was lucky enough to be invited to visit **Martin Hall** in Clashmore. Martin's logs will be well known to MWC members, notable for hearing stations which are seldom, if ever, heard in other parts of the UK.

Since then I have made an annual trip to Clashmore and over the twelve years have established a feel for the differences between listening there and at home. I thought it would be of interest to describe my findings to other DXers, because listening there is quite different from listening at home. My trips always take place in late November – the daylight hours are short!

In Bursea, I don't have space for a beverage antenna directed at North America. I use a Wellbrook phased array which does a good job at rejecting Continental QRM, but that is not the problem that it used to be. Much more problematic is the interference caused by UK stations to the west of here. As these stations are directly between me and the USA, there is not much I can do about them.

At home, TA signals fade out rapidly at local sunrise (LSR). It is only in the month either side of the winter solstice that signals persist for an hour or two after sunrise, but the signals that do persist tend to be the stronger, common, stations that are routinely heard in any propagation conditions.

In Clashmore, the most significant difference is that TA signals continue to be heard for many hours after LSR. Not only do they continue to be heard, but the origin of the transmissions changes as the day progresses. At sunrise, reception is quite similar to what I would expect at home, but, as the morning unfolds, stations from much further west become audible while those to the east fade away. Noise is low and QRM is much less than it is at home. Prairies stations are often heard strongly, along with stations from the northern West Coast, especially from Washington State where the Seattle area is well represented. In good conditions this extends to Oregon and California, along with some of the Rocky Mountains states, all of which would be exceptional at home.

The North American stations often fade away after mid-day, giving place to transmissions from the Far East which tend to peak around 1400. This requires a conscious decision to switch between antennas at the "right time". Judging the right time is not easy. One of the oddities of reception in Clashmore is that TA signals can disappear, only to re-appear later in the morning meaning that vigilance is needed.

Clashmore benefits from a coastal location with long beverage antennas oriented to various target areas including the US West Coast and Alaska; the US East Coast and Japan. The terrain on which these antennas are built is by no means flat; in fact it is quite hilly, with many of the antennas rising from the feeder end before descending towards the sea. The photograph shows the East Coast antenna as it drops towards the coast. Strong winds and heavy rain are common and the exposed location means that beverage wire is often blown from its bamboo cane supports. Wires being blown from their supports are one thing; the further damage they sustain once on the ground is another. Sheep and cattle roam on the land – the common grazings on which any crofter can place his animals. Although of no nutritional value, antenna wire tends to get eaten!

Having described the differences in reception conditions, the next question to explore is the reason for them. There are a few factors at play here:

- The west coast location – clearly with a directional antenna, a location on the British west coast with nothing but sea between the antenna and the target is superior to a location near the east coast with many UK stations to the west.
- The northerly location – in the winter, Clashmore is never far from the terminator. Daylight hours are short – the sun rises after 0900 and sets before 1600. A glance at any of the global day/night models will show this.
- The remote location – there are fewer AM transmitters in Scotland and none nearby. The mountainous terrain to the east and south of the location means that those that do exist are not really a source of interference. That said, it was interesting to note that I can hear local 1350 Kingstown Radio from Hull quite easily in Clashmore! Yet local pest URY from York, also 1350, was inaudible during my last visit.

Reception conditions this year were very good in Clashmore – the best I have experienced for many years. I was encouraged by Martin to make a log of what I heard (I normally do this but not with the object of publishing it). My log is in this issue of MWN. As I didn't set out with the object of publishing it I made no mp3 recordings and neither did I make a note of the signal strength – so for many of these logs I arbitrarily attributed "F" to the SIO column.

While I was away I was making Perseus recordings at home, and I returned in anticipation of finding similarly good conditions and lots of exciting DX. Sadly I was to be disappointed. Whilst reception in Clashmore was exciting, at home it was very ordinary, and after a cursory listen the recordings were deleted! Such is the difference between the two locations.

On that subject, we are at the solar minimum but when I compare my logs this year with those made in 2009, there is a big difference. At the last solar minimum I would hear stations like 1070 KNX, 1470 CJVB and many of the Prairies stations regularly. I've hardly heard them at the corresponding point in this solar cycle.

That's my view of the differences to be found between the two locations. I'd like to thank Martin and his family for making me feel so welcome over the years. I've got to know some of the local residents and it is always a great pleasure to visit, despite the often wild weather experienced in that part of the world. The good company and good DX more than compensate for the chill November winds.



276° Beverage



Martin/Andrew – 1 December 2018



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

This column is dedicated to the memory of Kobe Bryant, the Los Angeles Lakers legend who lost his life in a helicopter crash near Calabasas CA on January 26 2020.

Welcome to another edition of SportChannels! Basketball season is under way, and we're now featuring NBA network lists. In this edition, the radio listings from the Atlantic Division of the Eastern Conference are featured. This is the division the defending NBA champion Toronto Raptors play in. Flagship stations are in **boldface** type.

BOSTON CELTICS Sean Grande, Cedric Maxwell, Web: nba.com/celtics/

98.5 WBZ-FM Boston, MA only

BROOKLYN NETS No play-by-play personnel information available, Web: nba.com/nets/

AM	FM	106.7 WJFK-FM-HD3 Manassas, VA
660 WFAN New York, NY	101.9 WFAN-FM New York, NY (simulcast)	
	105.9 WOCL-HD3 DeLand, FL	

NEW YORK KNICKS Ed Cohen, Brendan Brown, Web: nba.com/knicks/

98.7 WEPN-FM New York, NY only

PHILADELPHIA SEVENTY-SIXERS Tom McGinnis, Web: nba.com/sixers/

97.5 WPEN Burlington, NJ only

TORONTO RAPTORS No play-by-play personnel information available, Web: nba.com/raptors/

590 CJCL Toronto, ON (43 games) **1050 CHUM Toronto, ON** (43 games)

That will wrap it up for this edition of SportChannels. In the next edition, the listings for the Central Division will be presented. 73 and play hard from NØUIH, the Florissant Valley Dial Twister.



WBZI 1500 – Zenia OH, WKFI 1090 – Wilmington OH, WEDI 1130 – Eaton OH

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

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 October through March, twice monthly from April to October.) **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists.



CLUB OFFICERS AND CONTACT INFORMATION

President: Bruce Portzer, 6546 19th Ave NE, Seattle WA 98115
 Email: portzerbt@gmail.com (all proposals, suggestions and gripes go here)

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

Board of Directors: Phil Bytheway (chairman) – phil.bytheway@gmail.com, Dennis Gibson – wb6tnb@yahoo.com, Stephen S Howe – showe@albany.edu, John C Johnson – John_Johnson@prodigy.net, Patrick Martin – mwdxer@webtv.net, Mike Sanburn – mikesanburn@hotmail.com and Robert Wien – wienbob@aol.com

Publishing Committee: Editor-in-Chief: Phil Bytheway, 9705 Mary Ave NW, Seattle WA 98117-2334
 Email: DXM.EIC@gmail.com (all material for publication goes here)

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For information on **subscribing to the IRCA mailing list** at Groups.io, a group Email service, contact the moderator, Lynn Hollerman at lynnhollerman@yahoo.com.

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Freq – Country – Call – Station – City Prov/State – Time (UTC) – Date – Details

198	USA	DIW, Dixon, NC. 0500 11/08. NDB	309	CANADA	909, Alert Bay BC. 0816 11/05. DGPS beacon
201	CANADA	GL, La Grande Riviere QC. 0150 11/07. NDB		CANADA	927, Lauzon QC. 2354 11/05. DGPS beacon
	CANADA	YKX, Kirkland Lake ON. 0500 11/08. NDB		COLOMBIA	GPI, Guapi. 0556 11/08. NDB
204	CANADA	YFY, Iqaluit NU. 0500 11/08. NDB	310	CANADA	944, Cape Norman NF. 2354 11/05. DGPS beacon
205	USA	LNH, Millen GA. 0500 11/08. NDB	312	CANADA	935, Western Head NS. 2354 11/05. DGPS beacon
	CANADA	YRQ, Trois Rivers QC. 0500 11/08. NDB	313	CANADA	925, Moise QC. 2354 11/05. DGPS beacon
206	CANADA	QI, Yarmouth NS. 0500 11/08. NDB	315	USA	AT, Dayton OH. 0205 11/07. NDB
207	CANADA	CL, Charlo NB. 0205 11/07. NDB		CANADA	940, Cape Race NL. 2354 11/05. DGPS beacon
208	CANADA	YSK, Sanikiluaq NU. 0100 11/07. NDB		CUBA	UBR, Cayo Las Brujas. 0556 11/08. NDB mis-keying as "UBN"
209	USA	MJ, Lawrence Center NH. 0500 11/08. NDB	316	USA	FFC, Peachtree City GA. 0556 11/08. NDB formerly "FF" now "FFC"
	USA	GF, Glens Falls NY. 0205 11/07. NDB		ICELAND	RE, Reykjanesskoli. 0500 11/08. NDB via PskovNDB
	CANADA	MT, Chibougamau QC. 0205 11/07. NDB	317	CANADA	ZMX, Janvier QC. 0556 11/08. NDB
212	CANADA	SJ, St John NB. 0137 11/08. NDB	318	FINLAND	B, Pori. 0100 11/07. NDB via PskovNDB
213	CANADA	YRC, St Honore QC. 0500 11/08. NDB		FINLAND	A, Sodankyla. 0100 11/07. NDB via PskovNDB
214	CANADA	K8, Nemiscau QC. 0500 11/08. NDB	319	USA	838, Detroit MI. 1000 11/05. DGPS beacon
215	CANADA	YTR, Trenton CFB ON. 0150 11/07. NDB		CANADA	936, Point Escuminac NB. 2354 11/05. DGPS beacon
	ECUADOR	ESM, Esmeraldas. 0500 11/08. NDB	320	USA	TY, Tyler TX. 0556 11/08. NDB
216	USA	CO, Concord NH. 0205 11/07. NDB	322	USA	839, Youngstown NY. 2354 11/05. DGPS beacon
	CANADA	YFA, Fort Albany Airport ON. 0500 11/08. NDB	323	CANADA	KR, Squaw QC. 0500 11/08. NDB
	CANADA	ME, Matane QC. 0205 11/07. NDB		TRINIDAD AND TOBAGO	TAB, Crown Point. 0500 11/08. NDB
218	CANADA	YUY, Rouyn QC. 0205 11/07. NDB	324	USA	844, Hudson Falls NY. 2354 11/05. DGPS beacon
219	CANADA	W7, Du Rocher-Pierce QC. 0205 11/07. NDB	326	USA	MA, Midland TX. 0556 11/08. NDB
220	CANADA	BX, Lourdes-de-Blanc-Sablon QC. 0248 11/05. NDB		USA	BKT, Blackstone VA. 0500 11/08. NDB
223	CANADA	YYW, Armstrong ON. 0150 11/07. NDB		CANADA	FC, Fredericton NB. 0237 11/05. NDB
224	CANADA	QM, Moncton NB. 0100 11/07. NDB		CANADA	VV, Wiarton ON. 0205 11/07/2019. NDB
	CANADA	MO, Moosonee ON. 0500 11/08. NDB	328	CANADA	YTL, Big Trout Lake ON. 0500 11/08. NDB
230	CANADA	AC, Pleasant Lake NS. 0205 11/07. NDB		GREENLAND	HB, Sisimuit. 0500 11/08. NDB
	CANADA	QB, Quebec QC. 0205 11/07. NDB	329	USA	CH, Charleston SC. 0500 11/08. NDB
232	CANADA	GP, Gaspé QC. 0500 11/08. NDB		CANADA	YEK, Arviat NU. 0500 11/08. NDB
233	CANADA	UM, Churchill Falls NF. 0100 11/07. NDB	330	PUERTO RICO	SJ, Patty. 0556 11/08. NDB
235	CANADA	9H, La Grande 3 QC. 0150 11/07. NDB	332	USA	FIS, Key West FL. 0205 11/07. NDB
236	CANADA	OW, Ottawa ON. 0246 11/05. NDB		USA	HK, Hickory NC. 0500 11/08. NDB
239	USA	GIW, Greenwood SC. 0150 11/07. NDB		CANADA	YTE, Cape Dorset NU. 0205 11/07. NDB
	CANADA	5Q, Fontanges QC. 0205 11/07. NDB		CANADA	YFM, La Grande QC. 0236 11/05. NDB
241	CANADA	YGT, Igloodik NU. 0500 11/08. NDB	333	FINLAND	G, Kemi-Tornio. 0100 11/07. NDB via PskovNDB
245	USA	FS, Sioux Falls SD. 0556 11/08. NDB	334	CANADA	YER, Fort Severn ON. 0205 11/07. NDB
	CANADA	YZE, Gore Bay ON. 0205 11/07. NDB	335	USA	SW, Newburgh NY. 0205 11/07. NDB
248	USA	FRT, Spartanburg SC. 0500 11/08. NDB		CANADA	YLD, Chapeau ON. 0236 11/05. NDB
	CANADA	UL, Montreal QC. 0241 11/05. NDB		CANADA	ZKF, Kitchener (Wellington) ON. 0205 11/07. NDB
250	USA	UGS, Albany OH. 0500 11/08. NDB	336	USA	MA, Cadillac MI. 0500 11/08. NDB
251	USA	AM, Amarillo TX. 0556 11/08. NDB		CANADA	BV, Quebec-Champlain QC. 0234 11/05. NDB
260	USA	MTH, Marathon FL. 0205 11/07. NDB	338	USA	RYN, Tucson AZ. 0556 11/08. NDB
	CANADA	YAT, Attawapiskat ON. 0205 11/07. NDB		USA	UMP, Indianapolis IN. 0500 11/08. NDB
	CANADA	UFX, St Felix de Valois QC. 0205 11/07. NDB		CANADA	ZEM, Eastmain QC. 0205 11/07. NDB
261	CANADA	2H, Lebel-sur-Quevillon QC. 0205 11/07. NDB		MADEIRA	PST, Porto Santo. 0500 11/08. NDB
263	CANADA	YGK, Kingston ON. 0205 11/07. NDB	339	CUBA	UAM, Santiago de Cuba. 0500 11/08. NDB
	CANADA	QY, Sydney NS. 0239 11/05. NDB	340	CANADA	YY, Mont Joli QC. 0234 11/05. NDB
	CANADA	YBB, Kugaaruk NU. 0100 11/07. NDB	341	USA	FM, Iona FL. 0556 11/08. NDB
266	CANADA	YZX, Greenwood NS. 0500 11/08. NDB		USA	CQN, Chattanooga TN. 0556 11/08. NDB
	CANADA	ZMM, Montreal QC. 0500 11/08. NDB		CANADA	GF, Aylesford NS. 0500 11/08. NDB
270	CANADA	ZNF, St Johns NF. 0500 11/08. NDB		CANADA	ZLP, Toronto ON. 0500 11/08. NDB
271	USA	HXO, Huntsboro NC. 0500 11/08. NDB	344	CANADA	YGV, Havre St Pierre QC. 0500 11/08. NDB
272	USA	PFH, Hudson NY. 0205 11/07. NDB	347	USA	AIK, Aiken SC. 0556 11/08. NDB
	CANADA	YQA, Muskoka ON. 0205 11/07. NDB	349	USA	GW, Greenwood MS. 0556 11/08. NDB
274	CAPE VERDE	SAL, Sal Island. 0500 11/08. NDB	350	USA	CP, Belleville IL. 0556 11/08. NDB
275	USA	BBN, Babylon NY. 0000 11/08. NDB		USA	RG, Oklahoma City OK. 0556 11/08. NDB
276	CANADA	YEL, Elliot Lake ON. 0500 11/08. NDB		CANADA	RB, Resolute Bay NU. 0500 11/08. NDB
	CANADA	YHR, Chevery QC. 0210 11/06. NDB		CANADA	D7, Kincardine ON. 0500 11/08. NDB
277	CANADA	YLC, Kimmirut NU. 0100 11/07. NDB	351	USA	MSQ, Stevensburg VA. 0500 11/08. NDB
278	USA	GPQ, Carrollton GA. 0556 11/08. NDB		AZORES	PD, Ponta Delgada. 0500 11/08. NDB
	CANADA	NM, Matagami QC. 0208 11/06. NDB	353	USA	VV, Greensboro GA. 0500 11/08. NDB
279	GREENLAND	SI, Simiutaq. 0000 11/07. NDB		USA	IN, Ericsburg MN. 0500 11/08. NDB
280	CANADA	QX, Gander NF. 0238 11/05. NDB		CANADA	PG, Portage MB. 0556 11/08. NDB
286	USA	804, Sandy Hook NJ. 0000 11/05. DGPS beacon		CANADA	QG, Saint Clair Beach ON. 0205 11/07. NDB
288	CANADA	942, Cape Ray NF. 0000 11/05. DGPS beacon	355	BRAZIL	URC, Coari. 0556 11/08. NDB
289	CANADA	YLQ, La Tuque QC. 0500 11/08. NDB		FINLAND	J, Varkaus. 0100 11/07. NDB via PskovNDB
290	USA	799, Penobscot ME. 0000 11/05. DGPS beacon		ICELAND	RK, Reykjavik. 0500 11/08. NDB via PskovNDB
291	CANADA	9C, Amos Magny Municipal Airport QC. 0500 11/08. NDB	356	USA	PI, Marquette Heights IL. 0556 11/08. NDB
292	USA	836, Cheboygan MI. 0000 11/05. DGPS beacon		USA	HEU, Schenectady NY. 2030 11/07. NDB
293	USA	803, Moriches NY. 0000 11/05. DGPS beacon		USA	GR, Chicago Corners WI. 0556 11/08. NDB
295	CANADA	939, Partridge Island NB. 0000 11/05. DGPS beacon		CANADA	AY, St Anthony NL. 0138 11/06. NDB
296	CANADA	929, St Jean Richelieu QC. 0000 11/05. DGPS beacon		CANADA	YBG, Bagotville QC. 0500 11/08. NDB
298	USA	831, Upper Keweenaw MI. 1000 11/05. DGPS beacon	359	USA	LYZ, Bainbridge GA. 0556 11/08. NDB
	CANADA	937, Hartlen Point NS. 0000 11/05. DGPS beacon	360	USA	PI, Safety Harbor FL. 0556 11/08. NDB
	GREENLAND	KU, Kook Islands. 0500 11/08. NDB		CANADA	PN, Port Menier QC. 0233 11/05. NDB
299	CANADA	946, Rigolet NF. 0000 11/05. DGPS beacon		BRAZIL	JAC, Jacare-a-Canga (PA). 0205 11/07. NDB
300	CANADA	906, Sandspit BC. 0828 11/05. DGPS beacon	362	USA	SUR, Fitzgerald GA. 0205 11/07. NDB
	CANADA	926, Riviere du Loop QC. 1000 11/05. DGPS beacon		USA	EW, New Bern NC. 0556 11/08. NDB
	GALAPAGOS	SCR, San Cristobal. 0556 11/08. NDB		CANADA	YZS, Coral Harbor NU. 0500 11/08. NDB
302	PANAMA	972, Miraflores. 1000 11/05. DGPS beacon		CANADA	SB, Sudbury ON. 0205 11/07. NDB
	ST VINCENT	CAI, Canouan Island Airport. 0556 11/08. NDB	363	USA	RNB, Millville NJ. 0144 11/06. NDB
304	CANADA	ZQM, Riverview NB. 0500 11/08. NDB	365	USA	HQG, Hugoton Municipal Airport KS. 0556 11/08. NDB
306	USA	772, Acushnet MA. 2354 11/05. DGPS beacon		USA	AA, Harwood MN. 0556 11/08. NDB
	CANADA	919, Cardinal ON. 1000 11/05. DGPS beacon		ECUADOR	PAL, Palma. 0150 11/07. NDB
307	CANADA	934, Fox Island NS. 2354 11/05. DGPS beacon	366	CANADA	YMW, Maniwaki QC. 0232 11/05. NDB
	PANAMA	971, Gatun. 0310 11/07. DGPS beacon			

368 **USA** AN, Alamo TX. 0556 11/08. NDB
 369 **ANTIGUA** ZDX, St Johns. 0055 11/06. NDB
 370 **BRAZIL** IK, Bento. 0556 11/08. NDB
 371 **USA** AZ, Vicksburg MI. 0556 11/08. NDB
SVALBARD NSV, Svea. 2030 11/07. NDB via PskovNDB
 373 **CANADA** 2Q, Mont-Laurier QC. 0500 11/08. NDB
CANADA YXK, Rimouski QC. 0105 11/08. NDB
 375 **BRAZIL** CUB, Corumba Airport. 0556 11/08. NDB
 378 **CANADA** RJ, Roberval QC. 0202 11/06. NDB
CANADA UX, Hall Beach NU. 0500 11/08. NDB
CANADA HO, Hopedale NF. 0500 11/08. NDB
 379 **USA** DL, Duluth MN. 0500 11/08. NDB
USA BRA, Asheville NC. 0205 11/07. NDB
 380 **USA** UMB, Milledgeville GA. 0500 11/08. NDB
AZORES FIL, Horta. 0500 11/08. NDB
 381 **USA** MNI, Manning SC. 0205 11/07. NDB
SWEDEN AN, Avidsjaur. 0150 11/07. NDB via PskovNDB
 382 **USA** SJX, St James MI. 0500 11/08. NDB
USA IRS, Sturgis MI. 0500 11/08. NDB
USA BT, Burlington VT. 0100 11/07. NDB
CANADA YE, Fort Nelson BC. 0500 11/08. NDB
CANADA YPL, Pickle Lake ON. 0500 11/08. NDB
GREENLAND SF, Sondrostrom. 0500 11/08. NDB
TRINIDAD AND TOBAGO TRI, Port of Spain. 0205 11/07. NDB
 383 **USA** LB, Liberal TX. 0556 11/08. NDB
 384 **USA** JB, Lumberton NC. 0500 11/08. NDB
 385 **USA** EMR, Augusta GA. 0205 11/07. NDB
CANADA ZNS, Halifax NS. 0500 11/08. NDB
GUADELOUPE PTP, Pointe a Pitre. 0205 11/07. NDB
 386 **INTERNATIONAL WATERS** AK, Shell Esso Auk A Platform. 0150
 11/07. NDB
ST PIERRE ET MIQUELON SP, St Pierre. 0500 11/08. NDB
 388 **USA** CFJ, Crawfordsville IN. 0500 11/08. NDB
USA UN, State College PA. 0500 11/08. NDB
CANADA JW, Pigeon AB. 0500 11/08. NDB
CANADA H7, Manitoulin East ON. 0205 11/07. NDB
 389 **USA** PVC, Provincetown MA. 2030 11/07. NDB
USA EN, Kenosha WI. 0500 11/08. NDB
 391 **USA** FIQ, Morganton NC. 0205 11/07. NDB
CANADA OO, Oshawa ON. 0205 11/07. NDB
PUERTO RICO DDP, San Juan. 0103 11/06. NDB
 392 **USA** ML, De Loach LA. 0556 11/08. NDB
USA FMZ, Fairmont NE. 0556 11/08. NDB
CANADA ML, Charlevoix QC. 0226 11/05. NDB
 393 **USA** FGP, Fort Bragg NC. 0500 11/08. NDB
VENEZUELA EVG, El Vigia. 0205 11/07. NDB
 396 **USA** NEL, Lakehurst NJ. 0225 11/05. NDB
USA UV, Martinsville VA. 0500 11/08. NDB
CANADA JC, Rigolet NL. 0100 11/07. NDB
CANADA YPH, Inukjuak Airport QC. 0500 11/08. NDB
 397 **CANADA** ZST, St John NB. 0225 11/05. NDB
CANADA ZHA, Ancaster ON. 2030 11/07. NDB
 400 **USA** OHY, Coney GA. 0500 11/08. NDB
USA NHK, Patuxent River MD. 2030 11/07. NDB
USA CI, Sault Ste Marie MI. 0500 11/08. NDB
USA LKR, Lancaster SC. 0205 11/07. NDB
BRAZIL GJM, Guajara Mirim Airport. 0500 11/08. NDB
 401 **CANADA** YPO, Peawanuck Airport ON. 0500 11/08. NDB
CANADA Y8, Drummondville QC. 0500 11/08. NDB
 402 **USA** LW, Lawrence MA. 0205 11/07. NDB
ST PIERRE ET MIQUELON MQ, Miquelon. 0500 11/08. NDB
 405 **USA** UTX, Jupiter FL. 0500 11/08. NDB keying incorrectly as "5"
PARAGUAY CON, Concepcion. 0804 11/08. NDB
 407 **USA** BZ, Statesboro GA. 2030 11/07. NDB
USA OX, Ocean City MD. 2030 11/07. NDB
USA FR, Farmingdale NY. 0224 11/05. NDB
USA AQ, Appleton WI. 0556 11/08. NDB
CANADA ZHU, Montreal QC. 0001 11/08. NDB
 408 **CANADA** SN, St Catharines ON. 0500 11/08. NDB
FINLAND H, Enontekio. 0100 11/07. NDB via PskovNDB
 409 **CANADA** YTA, Pembroke ON. 0224 11/05. NDB
 410 **USA** BA, Columbus IN. 0500 11/08. NDB
USA JU, West Jefferson NC. 0500 11/08. NDB
 412 **USA** CTZ, Clinton NC. 0205 11/07. NDB
USA CMY, McCoy WI. 0556 11/08. NDB
 413 **CANADA** YHD, Dryden ON. 0205 11/07. NDB
 414 **SVALBARD** NYA, Ny-Alesund. 0500 11/08. NDB
 415 **USA** DJD, Canton GA. 0205 11/07. NDB
CAYMAN ISLANDS CBC, Cayman Brac. 2120 11/04. NDB
ST LUCIA SLU, St Lucia. 0556 11/08. NDB
 417 **USA** IY, Floyd IA. 0500 11/08. NDB
USA HQT, Coats NC. 0205 11/07. NDB
USA SLP, Shelby NC. 0205 11/07. NDB
 418 **ECUADOR** TLC, Tulcan. 0500 11/08. NDB
 419 **USA** RYS, Detroit/Grosse Ile MI. 0205 11/07. NDB
 420 **USA** CFY, Evans SC. 0100 11/07. NDB
 423 **USA** SIF, Reidsville NC. 0500 11/08. NDB
 426 **USA** IZS, Montezuma GA. 0205 11/07. NDB
 490 **CANADA** VAR-9, Chebogue NB. 2332 11/04. NAVTEX
CANADA VCK, Moise QC. 0035 11/05. NAVTEX
 503 **CANADA** DC, Princeton Municipal Apt BC. 0500 11/08. NDB
 515 **USA** OS, Columbus OH. 0500 11/08. NDB
 516 **CANADA** YWA, Petawawa ON. 0250 11/04. NDB
 518 **USA** NMF, Boston MA. 2055 11/05. NAVTEX
USA NMB, Charleston SC. 0440 11/10. NAVTEX
USA NMN, Portsmouth VA. 0612 11/08. NAVTEX
CANADA XMJ-32, Ferndale ON. 0915 11/06. NAVTEX
CANADA VAR-9, Chebogue NB. 2324 11/05. NAVTEX
CANADA VOK, Cartwright NF. 0350 11/08. NAVTEX
CANADA VCO, Port Caledonia NS. 0942 11/06. NAVTEX
CANADA VCK, Moisie QC. 0756 11/06. NAVTEX
BELGIUM OST, Ostend. 0332 11/08. NAVTEX
BERMUDA ZBR, Bermuda Harbor. 0413 11/06. NAVTEX
CANARY ISLANDS EAL, Las Palmas. 0523 11/08. NAVTEX
ENGLAND GNI, Niton. 0540 11/08. NAVTEX
GERMANY DDH47, Pinneberg. 0300 11/10. NAVTEX
GREENLAND OXI, Nuuk. 0340 11/08. NAVTEX
GREENLAND OXF, Simiutaq. 0600 11/08. NAVTEX
NORWAY LGQ, Rogaland. 0204 11/06. NAVTEX
PUERTO RICO NMR, San Juan. 2256 11/05. NAVTEX
SPAIN EAR, Coruna. 0433 11/06. NAVTEX
 520 **CANADA** F9, Miramichi NB. 0113 11/08. NDB
 521 **USA** GM, Greenville SC. 0500 11/08. NDB