

# DX News

• Serving DX'ers since 1933

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**From the Publisher:** A couple of annual DX-pedition reports in this week's issue. Via Bruce Conti comes an account of the second annual "CMMC" DXpedition from the historic Marconi site in Chatham, Cape Cod, Massachusetts. And via Russ Edmunds, we have the official report from the tenth annual "LBI" DXpedition from Long Beach Island, NJ. Enjoy!

And ... Bill Hale has decided it's time to pass the baton on the editorship of *AM Switch* and *Graveyard DX Achievements*. Bill took over *AM Switch* from Jerry Starr with the beginning of Volume 71 in October 2003, and before that was a DDXD editor since 1986 or so (and GYDXA even before that). So we have some big shoes to fill here at *DX News*!

Bill has graciously agreed to continue both columns through the end of Volume 79 ... which takes us through the summer into September, and allows us time to find and prepare new editors for the columns. If you're interested in taking on either of these tasks for the NRC, or just would like more information on what they would entail, please drop a line to your Publisher at [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com).

**Membership Renewals:** Don't forget to check the label on your printed copy of *DX News* to be sure your membership doesn't expire. Send your renewal notice to Wayne Heinen at the NRC PO Box in Aurora; not to Harpers Ferry, as I'll just have to forward it on to Wayne and your renewal will take longer to process. Renewal can also be done even faster online via PayPal, for those who prefer.

And don't forget that you can sign up for e-DXN in addition to (or even instead of) the regular printer version of *DX News* and get your copy a week in advance!

## VOL. 79 DX NEWS PUBLISHING SCHEDULE

No	In By	Date	No	In By	Date
17	Jan. 20	Jan. 30	24	Mar. 16	Mar. 26
18	Jan. 27	Feb. 6	25	Mar. 30	Apr. 9
19	Feb. 3	Feb. 13	26	Apr. 27	May 7
20	Feb. 10	Feb. 20	27	May 25	June 4
21	Feb. 17	Feb. 27	28	June 30	July 9
22	Feb. 24	Mar. 5	29	Aug. 3	Aug. 13
23	Mar. 2	Mar. 12	30	Sept. 7	Sept. 17

## THE DX TIME MACHINE

**75 years ago:** From the Jan. 27, 1937 *DX News*:. FCC chief engineer T.A.M. Craven proposed reserving the expanded band of 1510-1600 kHz for local service; some 500 new stations could be authorized to serve the large number of towns that still lack local radio broadcasters.

**50 years ago:** From the Jan. 27, 1962 *DX News*: Glen Kippel noted in a Musing that he has "decided not to put up a long, long wire" but "instead to deliberately handicap myself by using the gas pipes as my only antenna, so as not to make anybody feel bad"; Joseph Fela analyzed his verification returns by type of station.

**25 years ago:** From the Jan. 26, 1987 *DX News*: Japan announced that it would begin a two-year test of all five potential AM Stereo technologies, with the goal of eventually choosing a single national standard.

**10 years ago:** From the Jan. 28, 2002 *DX News*: WSM relented under pressure and will stay C&W, shelving rumored plans to switch to sports talk; seven NRC members contributed to a special Musings issue on "How I Got Started in DXing."

## NRC AM Radio Log, 32nd Edition

The Log is unbound and three-hole punched for standard binders.

Price: To the United States, \$19.95 to members, \$25.95 to non-members; add \$3.50 for Priority Mail.

To Canada, \$26 to members, \$30 to non-members.

Airmail to all outside US/Canada: \$34.00.

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Order from: NRC, P.O. Box 473251, Aurora CO 80047-3251 or [www.nrcdxas.org](http://www.nrcdxas.org)  
CO residents add 3.5% sales tax.



# AM Switch

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Status changes in AM stations, supplied by the FCC, CRTC, listeners

## CALL LETTER CHANGES

<u>Old Call</u>	<u>New Call</u>
1010 WSPT WI Stevens Point	WPCN

## CPs ON THE AIR

1190 WAFS GA Atlanta – Is now operating D1 25000/0, eliminating their CH 2300 authorization. In their application, it was noted that since WOWO Fort Wayne, Indiana lost their designation as a Class A (formerly 1-B) station, WAFS is no longer required to protect WOWO during Critical Hours. Their 25 kW daytime signal comes nowhere near infringing on the coverage area of the lone Class A station on 1190 in the U.S., KEX in Portland, Oregon. So, WAFS can do away with the CH operation.



## GRANTS FOR NEW STATIONS

1200 KPSF CA Cathedral City – Initial CP was on 1220 kHz with U4 5000/1300 at Desert Hot Springs. They then applied for, and have been granted, U4 5000/1300 here.

## ACTIONS

650 WSRO MA Ashland – CP granted for U4 1500/62.  
 1190 WVUS WV Grafton – CP granted for U1 12000/22 CH 12000.  
 1240 KWAK AR Stuttgart – CP for U1 960/960 has been granted.  
 1440 KKMP MP Garapan-Saipan – Having recently been licensed for U1 1100/1100, KKMP is now operating under a Special Temporary Authorization with U1 200/200 using a center-fed 330 foot long horizontal ½ wave Dipole Antenna 20 feet above ground.

## AMENDMENTS TO CONSTRUCTION PERMITS

1380 KRCM TX Shenandoah – Licensed for U1 250/69, KRCM holds a CP for U1 2800/60. This application requests U4 22000/50.

## APPLICATIONS

580 CFRA ON Ottawa – Applies for U4 50000/30000 (from 50000/10000).

## AMENDMENTS TO APPLICATIONS

1100 NEW OR Lebanon – This unbuilt station initially applied for U7 2500/250 CH 2500, then submitted an amendment to U4 5000/5000, then U4 3900/3200. Now they have filed, yet, another amendment, this time for U4 3900/1500.  
 1520 KYND TX Cypress – Licensed for D3 3000/0 CH 2600, KYND applied for D4 25000/0 CH 25000. This amendment requests D4 25000/0 CH 18000.

## APPLICATIONS FOR NEW STATIONS

830 NEW OR Grants Pass – Applies for U2 5000/1000.  
 1540 NEW FL Southchase – Applies for U4 7000/300.

## APPLICATIONS DISMISSED

1100 APP ID Melba – Application for a new station.  
 1500 KBRN TX Boerne – Application for U5 1900/15.

## LICENSE CANCELLATIONS/CALL LETTERS DELETED

940 WCSY MI South Haven – Went silent for good on January 2

## AM on FM

1010 WPCN WI Stevens Point – W221CN 92.1 Marshfield  
 1350 WLOU KY Louisville – W284AD 104.7 New Albany, Indiana

1350 WLOU KY Louisville – W284AM 104.7 Middletown, Kentucky  
 1590 KGFK ND East Grand Fork – K239BG 95.7 Grafton

### HEAR AND THAR

✿ News Item: **All-News Helps Keep AM Alive in Canada** — OTTAWA — Across Canada, the AM band has been losing listeners for decades, as listeners move to stereo-friendly FM, the Web and audio streamed to smartphones. But the all-news format has been holding its own on the AM band. In fact, since 680 CFTR in Toronto became 680News in 1993, stations in Edmonton and Calgary, Alberta; Vancouver, British Columbia; and in the Canadian capital, Ottawa, have converted to an all-news format. The limited distribution of all-news AM stations — there are also many news/sports talk AM stations in Canada — speaks to the costs associated in running such an operation. Compared to music stations that can use automated systems, all-news stations require a full staff. As a result, the all-news format only makes sense in markets large enough to support such a station and its competitors. “The guys at 1010 WINS in New York City, who advised us on flipping CFTR to 680News in the 1990s, said they wouldn’t consider a market that was worth less than US\$60 million in ad revenues,” said John Hinnen, vice president of 680News, and the person responsible for the Rogers Radio all-news AMs in Calgary, Ottawa and Vancouver. “It makes sense: A market has to be big enough to pay for a full range of music stations. This is why we haven’t brought all-news to our smaller markets.” At the same time, all-news formats can be money-makers. For instance, “680News is the top-billing station in Canada,” Hinnen said. Based on the autumn 2011 ratings for Toronto, 680News is the No. 4 station in the market, bracketed on both sides by FM music stations. “But it’s not just our ratings that make the difference; it’s the nature of our listeners. People listen to the commercials more on AM news stations because they’re part of the information mix. This translates into greater value for our advertisers,” Hinnen said. A few decades ago, the Canadian AM band was awash in music stations, including Top Hit powerhouse 680CFTR. But then FM caught on during the 1970s and the slow decline of AM began. “After all, if you are going to listen to a great song, would you prefer to hear it on mono AM with its limited dynamic range, or in stereo on FM?” asks David Farough, vice president of brands, programming and content for Corus Entertainment; owner of iNews 880 in Edmonton, Alberta. “Right, you’ll tune to FM, which is why AM is in trouble.” However, AM is good enough for talk stations, which is why so many AM broadcasters across North America have chosen some form of speech-based format. In fact, the Canadian market became saturated with news/talk stations years ago, which is why all-news stations are becoming an attractive alternative. As the pioneer in this field, it wasn’t easy for Rogers to make the initial plunge. At the time the notion was proposed, 680CFTR was making a million dollars a year in revenues. Still, then-Rogers Broadcasting President Tony Viner could see the writing on the wall, which is why he pitched the concept to the company’s board and its chairman, Ted Rogers Jr. Rogers could have been forgiven for balking at the idea. “But Ted had no problem agreeing with the switch, which was built upon the format developed by 1010 WINS,” said Hinnen. “So we went ahead.” Three years later, Rogers turned its Vancouver country music station CKWX(AM) into News1130; this time using a half-hour all-news format developed by KYW Newsradio in Philadelphia. “We subsequently moved 680News to the KYW half-hour clock as well,” Hinnen said. CFFR in Calgary switched from oldies to 660 News in 2006, and Ottawa’s CIWW went from oldies to 1310News in 2010. Meanwhile, Corus flipped Edmonton’s CHQT from adult hits to iNews 880 in 2008. Today, all-news is proving to be a reliable performer for both Rogers and Corus on AM. But both companies would move their all-news operations to FM if they could get the chance. The reason? AM is so unfamiliar to younger listeners that many Canadians aren’t even aware of it; let alone tune in. “It has gotten so bad, that some car manufacturers are leaving AM off their in-dash entertainment systems,” Farough said. Both Rogers and Corus have been pushing back by promoting their all-news through their FM music stations, and making their all-news feeds available through the Web. “Still, if the regulator would allow us to move to FM, we would,” said Hinnen. “The problem is that each radio group is only allowed to own two FM and two AM stations in each market, and no more. To flip one of our all-news AMs to FM, we would have to sell one of our current FM stations, and that wouldn’t make business sense.” “If I had my way I’d be on both AM and FM,” said Hinnen. “AM travels further distances and FM would penetrate the downtown core more.” For the time being, all-news radio seems destined to remain on AM here in Canada. Even in the 21st century, people are tuning into this format on AM radio — including younger listeners who have learned about AM from FM and the Web.

✿ **Thanks to Shawn Axelrod, Bill Dvorak, Tim Noonan, Johnny Dollar and Radio World Online.**

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U.S./Canadian Loggings from Pacific/Mtn/Central Time Zones. All times ELT.

**Reporters**

- CR-IL Christos Rigas, Wood Dale, IL. Jeep Cherokee stock radio  
 JJR-WI John J Rieger, South Milwaukee, WI. Icom IC-R75, Kiwa loop, MFJ-595B tuner, preamp  
 JW-CO John Wilkins, Wheat Ridge, CO. Drake R-8B, 4-foot box loop.  
 RR-IL Rich Ray, Burr Ridge, IL. Watkins Johnson HF-1000 and Kiwa Loop.  
 RRR-IL Ron Ross, Bloomington, IL. Sangean DT 200VX & Sangean PR-D5  
 WH-CO Wayne Heinen, Aurora, CO. Drake R8B, E/W Flag, N/S Flag, Dual TG-1 Termination Gizmo and Mini DXP5.

**Station News**

- 630 KHOW CO Denver – In a shuffle of Clear Channel's overnight radio, *Coast to Coast* is replaced with the new *Red Eye Radio* in the 0200-0700 time slot. (WH-CO)  
 850 KOA CO Denver – Local overnight host Rick Barber did not have his contract renewed here, and Clear Channel has moved *Coast to Coast* here in the 0200-0700 time slot. (WH-CO)  
 1660 KXOL UT Brigham City – 1/6 0300 – Out of SS music. "KNIV Lyman, KXOL Brigham City" in heavily accented EE the AM and FM frequencies and "La Favorita" slogans. New //FM from the log. (WH-CO)

**DX Logs (All Times ELT)**

- 540 KWMT IA Fort Dodge – 1/6 2035 – Morning show with Charlie and male news person, market reports and Classic Country including "Dang Me" by Roger Miller (RRR-IL)  
 620 KJOL CO Grand Junction – 1/03 1858 – "... Focus on the Family right here on KJOL..." amidst the SSS jumble (WH-CO)  
 640 WXSM TN Blountville – 1/6 2030 – Gospel programming; station referred to as "AM 640;" references to Shelby County. (RRR-IL)  
 680 WMFS TN Memphis – 1/5 0725 – Memphis Grizzlies promo tagged with: 'here on \_\_FM and The Blowtorch 680 ESPN.'" (RRR-IL)  
 700 WLW OH Cincinnati – 1/4 0000 – Out of local spots mentioned slogan "The Big One WLW to legal ID "News Radio 700 WLW Cincinnati" and local origination news. (WH-CO)  
 700 KHSE TX Wylie – 1/4 1737 – Central Time; fair and mixing with WLW. Indian language programming and local ad. (CR-IL)  
 700 KALL UT North Salt Lake City – 1/3 2200 – Out of ESPN coverage of a bowl game to ESPN program note; "...right here on KALL North Salt Lake City ESPN 700." (WH-CO)  
 730 KWRE MO Warrenton – 1/6 1425 – Trading post type show, 314 area codes mentioned, several mentions of KWRE. (RRR-IL)  
 740 KRMG OK Tulsa – 1/5 0405 – Coming out of local weather "... and here is your KRMG five day forecast..." mixing with KVOR and CFZM. (WH-CO)  
 740 CFZM ON Toronto – 1/4 2157 – Out of NOS music. "Zoomer Radio AM 740 AM740.ca;" and more NOS local KVOR phased. (WH-CO)  
 750 WSB GA Atlanta – 1/1 2105 – Faded up out of KKZN 760's phased IBOC "... right here with WSB's 24 hour traffic..." (WH-CO)  
 750 KMMJ NE Grand Island – 1/2 0900 – Out of Ag product spot "This in KMMJ Grand Island Keeping your mind on the message of Jesus" and SRN News. (WH-CO)  
 750 CKJH SK Melfort – 1/1 2156 – Out of David Bowie tune to some program notes: "... everything for the perfect day from CK 750" KKZN 760's IBOC phased. (WH-CO)  
 920 KDHL MI Fairbault – 1/6 2000 – *Lutheran Hour* promo followed by legal I.D. (RRR-IL)

- 940 WMAC GA **Macon** – 1/4 1952 – Spot for Dr. Frank Kelly Jr. at Northside Hospital, followed by "Newstalk 940 WMAC." (RRR-IL)
- 940 KVSH NE **Valentine** – 1/6 1758 – "Sports 940" carrying Huskers' Radio Network sports talk. (RRR-IL)
- 970 WDAY ND **Fargo** – 1/5 0620 – Poor; "This is First News on 970 WDAY" over UNID ESPN station. (JJR-WI)
- 990 WCAZ IL **Carthage** – 1/12 0835 – Obituaries and PSAs with mentions of Carthage. Not DX but new here. (RRR-IL)
- 990 WNML TN **Knoxville** – 1/12 0825 – "The Animal." Sports talk about Tennessee Volunteers vs. Mississippi State. Plus college recruiting talk. (RRR-IL)
- 1000 KTOK OK **Oklahoma City** – 1/6 0831 – Out of Fox news with "ktok.com" and "News Radio 1000 KTOK" ID's, then into "Oklahoma's First News" after a 1-800 spot. Fair in noise. (JW-CO)
- 1010 WINS NY **New York City** – 1/6 2002 – Accu-weather and news, NYC traffic. (RRR-IL)
- 1220 WSLM IN **Salem** – 1/7 0152-0304 – Poor-Fair w/Heart of Glass/Blondie, Sweet Home Alabama/Lynyrd Skynrd, Open Arms/Journey, Tonight's the Night/Rod Stewart, 10 seconds for local ID, but no ID heard; Lady Marmalade/LaBelle, :03 Jingle "America's Greatest Hits" and NO CALLS into Rock On/David Essex. Station was in for 15 minutes and no ID, nothing. Former UNID solved by EB-MI and BD-WI, who noted this was //WSLM-FM. Sincere thanks to Eric and Bill! (JJR-WI)
- 1230 KFJB IA **Marshalltown** – 1/1 0158 – Out of ESPN Happy New Year's greetings and a loud KFJB call ID followed by a PSA and a commercial for a car dealer " at the corner of... in Marshalltown..." Last new one of 2011 at 2358 my time- #20 for the year and #11 for this DX Season. Taped for the collection. (WH-CO)
- 1250 KBRF MN **Fergus Falls** – 1/6 2105 – Weather with local meteorologist, mentions of Fergus Falls and then into syndicated talk show. (RRR-IL)
- 1270 WXGO IN **Madison** – 1/5 0552 – Poor; sat thru three Oldies and got "WXGO" Played tape three times to be sure. This over a faded WLIK! NEW! (JJR-WI)
- 1270 WLIK TN **Newport** – 1/5 0540 – Poor, though alone. Jingle "AM 1270, the best oldies, WLIK" and "the Smokies' Oldies" in local ID at :Top Of Hour into CNN news. ODL. (JJR-WI)
- 1300 WLXG KY **Lexington** – 1/5 1918 – Mention of WLXG.com, ESPN promo back to syndicated sports talk; new here, good signal. (RRR-IL)
- 1320 KWHN AR **Fort Smith** – 1/5 0538 – Poor in with local TIS o/c. "Sean Hannity on NewsTalk 1320 KWHN." *Coast To Coast* AM. Alone. (JJR-WI)
- 1320 WGOC TN **Kingsport** – 1/8 1920 – Faded up just long enough to catch the call letters. (RRR-IL)
- 1350 WDCF FL **Dade City** – 12/31 1705 – Up out of the jumble "....Saturday mornings 7 to 9 right here on WDCF ....you can hear us online....;" then into the mess again. NEW! (RR-IL).
- 1360 WKMI MI **Kalamazoo** – 1/10 2030 – Faded up out of the soup just long enough to hear mention of WKMI. (RRR-IL)
- 1370 WDEF TN **Chattanooga** – 1/3 1759 – Strong all of a sudden with "Happy New Year from all of us to all of you....celebrate....all day everyday WDEF...Chattanooga;" then gone. NEW! (RR-IL)
- 1380 WKJV NC **Asheville** – 1/7 1655 – Long sermon with very southern-sounding man and then a short gospel song into legal ID. (RRR-IL)
- 1400 KRVZ AZ **Springerville** – 12/29 2200 – Out of *Rusty Humphries Show* to a long string on net spots: "Your home for News Talk and Sports AM 1400 KRVZ Springerville a ???? Communications Station" to IRN/USA news amazingly strong and in for the entire 10 minute tape period! (WH-CO)
- 1400 KDTA CO **Delta** – 12/29 2301 – "... on Christian Radio for the Western Slope coming up next is Chip Ingram and Living on the Edge on KJOL 99.5 FM Grand Junction and 91.9 FM in Montrose" faded up nicely and not mentioning Delta at all. (WH-CO)
- 1400 KAYS KS **Hays** – 12/29 2105 – Faded up with a long string of program notes "...right here on KAYS Hays..." (WH-CO)
- 1420 KBHS AR **Hot Springs** – 1/6 1759 – Up out of the mix fair to strong with Ad Council piece then "You're listening to News Talk AM 1420 KBHS Hot Springs, Malvern(?) & Hot Springs Village" into news at TOH then gone in minutes. NEW! (RR-IL)



- 1420 KULY KS **Ulysses** – 1/11 0805 – Weather, Sears ad, then Kansas news. "Your Hometown Radio" slogan. Generally fair. (JW-CO)
- 1480 WSPY IL **Geneva** – 1/8 0803 – Poor - spot for ??? seed in Kansas," followed by "WSPY Fox Valley weather" and lost to WLMV. (JJR-WI)
- 1480 KQAM KS **Wichita** – 1/11 0905 – Local ads, gal with weather forecast, then call letter ID and "The Big Talker" ID. Fair/good with not much competition. (JW-CO)
- 1490 KRUI NM **Ruidoso Downs** – 12/30 2100 – Faded up to the top with KRUI AM 1490 ID and then gone. Isn't graveyard DX fun? (WH-CO)
- 1560 KGOW TX **Bellaire** – 1/5 2000 – Promo for female soccer show tagged with: "Here on 1560 The Game." (RRR-IL)
- 1640 KDIA CA **Vallejo** – 1/7 2358 – Faded up with religious talk over KFXY and KBJA "You found 1640 KDIA" and more REL Talk in and out to ToH "You're listening to 1640 AM KDIA Vallejo - San Francisco" to more REL New logging #13 for the season. (WH-CO)
- 1640 KFXY OK **Enid** – 1/7 2200 – Out of GOS music "KFXY Enid - Oklahoma City playing a better variety of southern gospel music Faith 1640" to SRN Radio News. (WH-CO)
- 1640 KBJA UT **Sandy** – 1/8 0001 – Out of SS music "This is KBJA 1640 AM Super 1640 Salt Lake and the entire Wasatch Range" and back to SS programming. (WH-CO)
- 1640 WKSH WI **Sussex** – 12/25 1927 – "Some Day At Christmas" by Jackson 5, and typical Radio Disney programming. (RRR-IL)
- 1660 KUDL KS **Kansas City** – 1/6 0805 – Out of local News "You're listening to Radio Bach Kansas City's HD Classical Station 96.5 FM HD 2 1660 AM and streaming on the web RadioBach.com.". (WH-CO)
- 1660 KQWB ND **West Fargo** – 1/6 0500 – Out of ESPN "You're listening to the Valley's home for sports KQWB..." weakly under KXOL. (WH-CO)
- 1660 KRZI TX **Waco** – 1/6 0700 – Out of ESPN program notes "... KRZI Waco..." and a string of translators "ESPN Central Texas" to more ESPN programming. Fading up over KXOL. (WH-CO)
- 1670 KHPY CA **Moreno Valley** – 1/6 2358 – Out of SS preaching EE KHBV call sign heard mixing with WJDY the into more screaming preaching. (WH-CO)
- 1670 KNRO CA **Redding** – 1/6 2200 – KNRO ID missing with WTDY and the rather obnoxious "Fox Sports Go" at ToH. (WH-CO)
- 1670 WPLA GA **Dry Branch** – 1/2 1945 – Phil Sims voiced promo for *The Bill Shanks Show* on Fox Sports 1670. (RRR-IL)
- 1670 WTDY WI **Madison** – 1/6 2105 – Out of local news and mention WTDY fair. (WH-CO)
- 1700 KVNS TX **Brownsville** – 12/25 1922 – Pizza Hut spot, positioner, reference to "Classic Hits 1700 KVNS" into "She's Gone" by Hall & Oates. (RRR-IL)

Ron Ross (RRR-IL) reports, "In case anyone has been thinking about purchasing a Sangean PR-D5, I finally got one (in black) and it does a great job! 200mm ferrite rod antenna, great sensitivity, selectivity, build quality and sound. I've compared it other good AM DX receivers and this one does the job and at times a loop (Select A Tenna or Grundig AN 200) makes it even better. A good test: I'm in central Illinois and 540 KWMT in Fort Dodge (western Iowa) came in with a perfectly readable signal mid-morning! Only my super-sensitive Toyota Camry car radio has ever been able to do that. I found the PR-D5 for \$69.95 with free shipping at Newegg and the white version was \$59.95 + \$4.99 shipping.

I have one of these as my bedside radio, and can vouch for its usefulness for checking the mediumwave band at 4 AM, when it's too cold to crawl out from under the blankets to go to your DX desk. (JDT-WA)

Thanks to everyone who checked in. See you next time (JDT-WA)

## Antenna Reference Manual, Volume 3

A compilation of 17 articles on antennas, phasing impedance matching, and RF amplification for medium wave DX'ers, some of the articles were published in *DX News* between 1999 and 2004. 8 1/2" X 11" bound book format. NRC member price: \$11.95; non-member price \$16.95; overseas customers, please contact us for exact price. Canadian orders: PayPal or postal M. O. only. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



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 Toronto, ON M6G 3X8 CANADA  
**U.S./Canadian Loggings from Eastern/Atlantic Time Zones. All ELT.**

REPORTERS

- HF-MI      **Harold Frodge, Midland** – Drake R8B, 125 ft. bow-tie; 85 ft. RW & 180 ft. center-fed RW  
 HJH-PA      **Harry Hayes, Wilkes-Barre** – Grundig S350, Kiwa Pocket Loop  
 BH-MA      **Bob Hill, Littleton** – Sony ICF-2010, Kiwa filters, AOR LA390 active loop.  
 KK-VA      **Kraig Krist, Manassas** – Winradio G33DDC SDR, homemade 134 foot multiband antenna running NW to SE.  
 DY-WV      **David Yocis, Harpers Ferry** – R8B, Quantum phaser, LWs  
 MKB-ON      **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

Follow me on Twitter! @patria1818 DX-related tweets will be hash-tagged #MWDX.

STATION NEWS

- 540 WWCS PA **Canonsburg** – Ex-Disney, ex-SS Mexican, now Fox Sports in Pittsburgh market, via Twitter (@JimRome) adds Jim Rome Show, weekdays 1200-1500. (MKB-ON)

LOGGINGS

- 580 CFRA ON **Ottawa** – 1/6 0132 – In WHP/WCHS mix with "CFRA overnight weather...", local "CFRA sports..." at 0205. (KK-VA)  
 590 WKZO MI **Kalamazoo** – 1/6 0059 – In CJCL and Cuban mix with Mark Levin Show, "...weekdays at noon on AM 590 WKZO..." station promo into CBS news. (KK-VA)  
 CJCL ON **Toronto** – 1/6 0220 – In WKZO and Cuban mix with station promo "Good morning, you're on sports talk 5-90 'The Fan'". (KK-VA)  
 600 CKAT ON **North Bay** – 1/6 0230 – In mix with WMT and Cuban R. Rebelde, "... news and traffic on the 1/2 hour and weather every 5 minutes...mornings...it's all AM 600 CKAT". (KK-VA)  
 610 WIOD FL **Miami** – 1/6 0200 – In WIP and R. Rebelde mix with ToH ID: "610 AM is now on the FM at 100.3. WIOD now on the FM at 100.3 (yes, repeated). WIOD Miami Fort Lauderdale. Your news, weather and traffic station" into news. (KK-VA)  
 620 WVMT VT **Burlington** – 1/6 0229 – In mix with UNID Fox Sports station, Cuban R. Rebelde and others with FM // "WDOT Burlington Plattsburg" ID. (Stations should not be allowed to give FM IDs on AM!) (KK-VA)  
 660 WXIC OH **Waverly** – 1/11 1720 – In mix under WFAN with "Ohio's Gospel Giant AM 660 WXIC" between gospel numbers; soon surrendered to the NYC behemoth. (BH-MA)  
 680 WRKO MA **Boston** – 1/6 0200 – In CFTR/WPTF mix with ToH ID: "This is your talk station 6-80 WRKO". (KK-VA)  
 WPTF NC **Raleigh** – 1/6 1718 – ID and weather forecast, frequent time checks, lots of IDs. At 1722 "Let's get an update from the WPTF news center"; summary included a CBS item about a recent uptick in employment statistics. Mixing at times but mostly quite readable against WRKO and Howie Carr. (BH-MA)  
 CFTR ON **Toronto** – 1/6 0259 – Mixing with WRKO and WPTF with local website promo "...Toronto now dot com". (KK-VA)  
 690 KGGF KS **Coffeyville** – 1/10 1805 – Fair with "KGGF Weather Authority" local weather, "News Radio 6-90 KGGF" slogan, Kansas Information Network news, ad for Asbury assisted living. On top to about 1812 when WELD took over. KS #7 (HF-MI)  
 WIST LA **New Orleans** – 1/6 0058 – In mix with Cuban R. Progresso and others with "Sports talk 6-90 WIST" slogan. (KK-VA)

- WNZK MI Dearborn Heights** – 1/7 1730\* – On top over Fox Sports and religious stations with commentary and call-ins in Arabic, mentions of Facebook (apparently the Arabic word for Facebook is "Facebook"). EE call ID at sign off, announced move to 680 for nighttime operation. **(HF-MI)** *The only other station I know of that used two frequencies, one for day and another for night, was now-defunct CHYR-710/730 in Leamington, ON. Mike.*
- WELD WV Fisher** – 1/10 1812 – Under KGGF at first, then on top with 70s pop tunes; WELD jingle ID at 1815. **(HF-MI)**
- 720 WGCR NC Pisgah Forest** – 1/12 1659 – Out of IRN/USA news by announcer with local accent: "You're listening to WGCR AM 720 Pisgah Forest, North Carolina, and over the World Wide Web at wgcr.net." WGN in nice little null. **(BH-MA)**
- 740 WNOP KY Newport** – 1/6 0055 – Mixing with CFZM and several others, "EWTN Sacred Heart Catholic Radio" religious talk. **(KK-VA)**
- 850 WFTL FL West Palm Beach** – 1/6 0059 – Mixing with WTAR and others with ad for Hollywood Toyota, man and woman alternating station promo: "WFTL...West Palm Beach, Boca Raton, Miami, Fort Lauderdale...home to the conversation 9 till noon..." into ABC news. **(KK-VA)**
- 860 WFSI MD Baltimore** – 1/7 1400 – Usual Family Radio announcements, ID, ex-WBGR. Good, daytime regular. **(DY-WV)**
- 940 WCPC MS Houston** – 1/7 1758 – Out of rousing sermon with "Listen again next Saturday for the Pentecost Hour with Elder Willie Moore, pastor and founder of the Unity Temple Church of God in Christ, located near the corner of Hall and Berry Streets in Houston." Gave church's address and phone number, then lengthy list of specials at the local supermarket. "Here's a WCPC community calendar reminder ..." and ID at ToH: "WCPC AM 940 Houston-Tupelo-Columbus. Radio that changes the way you live." **(BH-MA)**
- 1180 WCRI RI Hope Valley** – 1/10 1644\* – Ending Vaughan Williams' Fantasia on Greensleeves with "Thank you for listening to The Classical Station WCRI 1180 AM Hope Valley. We now conclude our broadcast day on Rhode Island and Eastern Connecticut's classical station. Tune in again tomorrow morning at sunrise to Classical 1180 AM for more great classical music and local arts programming. To continue listening to our station, please tune to 95.9 FM. Thank you." **(BH-MA)**
- 1270 WJJC GA Commerce** – 1/1 0048 – Ad for State Farm Insurance, saying that the local agent can be called at 706-335-5506. Internet search reveals this agent is located in Commerce. Briefly fair in mix. **(DY-WV)**
- WMKT MI Charlevoix** – 1/9 1659 – Break from financial advice program with "1270 AM 92.1 [omitting the "point"] WMKT ..." Money guru returned with product trial offer of "ten minutes for \$10" via 800 number, then local ID at ToH: "1270 WMKT Charlevoix-Traverse City, *The Talk Station* ... and 92.1 ... number one ..."; into network news. Tough copy through mix of WTSN, CJCB, and at least one other. **(BH-MA)**
- 1310 WTLC IN Indianapolis** – 1/13 1729 – Dueling CIWW with gospel songs, ad/PSA for adult learning courses at University of Indianapolis, praiseindy.com website promo (clicked on it, turned out to be the station's website). **(MKB-ON)**
- 1360 WWOW OH Conneaut** – 1/8 1652 – Popped out of muddle with "Ladies and gentlemen, you're listening to WWOW, Conneaut," only to disappear as suddenly as they appeared. Either this one or someone else on the channel was about 20-30 Hz off-freq. **(BH-MA)**
- 1370 WSPD OH Toledo** – 1/4 1835 – Overtaking WWCB with local call in program. In briefly and loud with an ID then gone. **(HJH-PA)**
- WWCB PA Corry** – 1/4 1830 – Very strong at times with 60's and 70's oldies promotion. ID as "Oldies 1370" and mention of Erie County. **(HJH-PA)**
- 1380 WWMI FL St. Petersburg** – 12/30 2139 – Presumed the one with Radio Disney music //WQEW-1560, fair in mix. **(DY-WV)**
- 1400 WINC VA Winchester** – 1/9 1800 – Out of graveyard mush, caught woman with "News talk 1400 WINC" ToH ID into Fox news. **(MKB-ON)**
- 1480 WYZE GA Atlanta** – 12/24 0756 – Christmas greetings from pastors in Georgia towns, several "14-80 WYZE" IDs, gospel music, briefly good. **(DY-WV)**
- WDJO OH Cincinnati** – 1/8 1735 – Website and call ID given followed by song "Twist & Shout" by the Beatles. Signal dropped at 1745 due to pattern switch. **(HJH-PA)**



1600 WAAM MI Ann Arbor – 1/9 1959 – Lengthy program preview concluding “on the musical side of WAAM [said as ‘wam’]. W-A-A-M, Ann Arbor, your First Amendment at work. WAAM radio.” Struggling in a mix with WUNR and several others. (BH-MA)

*Musings of the Members* Dave Schmidt NRCMusings@aol.com  
P.O. Box 126  
New Freedom, PA 17349-0126

**Thoughts from NRC members. Local time per Muse.**

**All opinions expressed are those of the individual writers – they do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.**

To keep me in practice, a short but sweet Musings column! Our deadlines are Friday and Musings can be submitted via e-mail or sent via standard mail (yes, it’s still available in most areas). And here we go:

Ray Arruda – 47 Burt Street – Acushnet, MA 02743-1939

Dave! This MUSING is LONG overdue! (Sure is, Ray – DWS.) Greetings to all! Just a brief reintroduction: I've been a member since 1974 and started MW DXing and started listening in 1963 (age 14) with an eight-transistor Arvin AM portable. I'm not as active now with time split between MW DX and ham radio ... call sign KB1EVX. Every issue of DX NEWS is thoroughly enjoyed and a great read. My first verification was received in March of 1966 from KSL-1160. Totals from this location are 1327/1150 with recent catches sent to DDXD. We have been to many NRC Conventions (last one Rochester 2010) and the Dayton Hamvention a few times. Arlene and I are now both retired but still as busy as ever! We wonder how we got anything done when we both worked! The greatest benefit of all are the many lasting friendships made throughout the country because of the NRC and Ham Radio. Thanks for all the hard work both past and present volunteers do to make DX NEWS the best! Wishing everyone a New Year of peace, joy and good health! 73 (Thanks for checking in Ray! – DWS)

Dave Schmidt – P. O. Box 126 – New Freedom, PA 17349

Ray brought up a valid point; I should be sending my DX items into DDXD as I have been tuning the dials a few days a week, especially sunset when my light noise isn't there. (It still hasn't been fixed, my next attempt will be calling the owners of the building saying the lights are bad and might be a fire hazard.) I'm still amazed at the worthlessness of AM IBOC, I still haven't had any luck making it work on any skywave signal. And there aren't any signals here daytime that will work. But it sure is good for generating noise. More to come on that. Probably get a few people upset with what I plan to do. NEW MEMBERS ... send in a report and let us know who you are! See you when the postman shows again or the e-mail is there! 73

## NOAA Space Weather Outlook

Issued January 10 – For the period January 11-February 6, 2012

Solar activity is expected to be at low levels during the period with a slight chance for isolated M-class flare activity.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at normal levels during the period with a chance for moderate levels during January 14-16 and again on January 30-February 1.

Geomagnetic field activity is expected to be at quiet levels during January 10. An increase to quiet to unsettled levels is expected on January 11-12 and January 16 due to recurrent coronal hole high-speed stream (CH HSS) effects.

Quiet conditions are expected during January 17-27. An increase to quiet to unsettled levels is expected on January 28-29 due to another CH HSS. Quiet levels are expected from January 30-February 6.

(From <http://www.swpc.noaa.gov/ftpdir/weekly/WKHF.txt>)

# *International DX Digest*

**Bruce Conti** contiba@gmail.com  
46 Ridgefield Drive  
Nashua, NH 03062-1174

**Loggings of stations outside the Lower 48 and Canada. All times UTC.**

## Trans-Atlantic DX

252 **IRELAND** RTÉ Radio 1, Clarkestown JAN 7 0253-0303 – Man and woman interview, to program notes at 0259 and ID on the hour; news 0300-02, then discussion of U.S. politics; all in English. Fair peaks... interrupted my beacon scan! Best heard in quite a while. [Frodge-MI]

## Pan-American DX

790 **MEXICO** XERPC Chihuahua, Chih. DEC 3 1115 – Noted with U.S. and Mexican dance music. Frequent time checks followed by "Escuchar Estereo Fiesta" with the 'escuchar' spoken by a man and the rest sung by women. ID announcement at 1135, "Escuche XHRPC 99.3 FM y XERPC 790 AM, Estereo Fiesta, Estereo Fiesta... en centro Chihuahua, Chihuahua, México..." Still with Grupo Radiorama but it appears 'Radio Ranchito' slogan is history. Fair with fades to poor in LSB to get away from partially-phased local 800 XEROK. [Vance-TX]

790 **MEXICO** XERC México, DF DEC 4 0021 – Noticias programs, sports program Palco Deportivo, ads for new Christmas movie 'Operación Regalo'; plenty of "Formato Veinte-uno" slogan ID's, full ID on the hour, "...XERC, Formato 21, esta sintonia noticias, siete-noventa AM; transmite desde Constituyentes numero 1154, Colonia Lomas... una emisora de Grupo Radio Central..." followed by more news programming. Once it faded in it varied good to poor but was pretty much dominant until the presumed power reduction and/or the fade-up of XENT. [Vance-TX]

790 **MEXICO** XENT La Paz, BCS DEC 4 0115 – *R.Fórmula* news program, ID for XERM Primer Cadena at 0022, with local ID at 0023, "Radio Fórmula, La Paz... XENT, a potencia diez mil wats..." then back into news program, faded out around 0140. Mixing and above fading XERC, overall fair-poor. [Vance-TX]

810 **MEXICO** XESB Hidalgo del Parral, Chih. DEC 4 2341 – Noted with Grupo Radiofonico network ID which included XEHPC Radio Mil (1000 kHz), XESB Radio Mexicana, XEHHI La Número Uno (640 kHz), and XEHB Radio Viva Villa (730 kHz). For XEHHI, there was a "Radio..." slogan announced but it did not sound like "Radio Uno"; it sounded more like "Radio Buncon" phonetically; however, it could have been my ears playing tricks. [Vance-TX]

810 **MEXICO** XEFW Tampico, Tamps. DEC 5 0011 – First noted fading up with a balada followed by some announcements then an ID, "...cincuenta mil wats de potencia, XEFW, ochocientos-diez, AM," followed by more baladas. Same ID was heard again about 10 minutes later. Also caught a live ID, "otra vez de la XEFW Estrella... Tampico..." Poor-to-fair in USB with interference de XESN and other unID's. Local 800 XEROK semi-phased. [Vance-TX]

830 **MEXICO** XELN Linares, NL DEC 3 1227 – Poor in mix with norteñas, numerous "La Caliente" slogan ID's, time check and ID with call letters at 1300 UTC. [Vance-TX]

830 **MEXICO** XELK Zacatecas, Zac. DEC 8 0010 – ID by woman, "...Zacatecas, Digital ciento-seis punto cinco (106.5) FM... Grupo Radiofonico Zer..." Fair-poor mixing with at least another XE. [Vance-TX]

920 **MEXICO** XECQ Culiacán, Sin. DEC 5 0555 – Faded up during announcement into ID, "...ciento-cuatro punto uno (104.1) FM y 920 AM... cinco mil wats... XHECQ... de Culiacan... Grupo Promomedios, Sur Centro Sinaloa..." into a ranchera. While up it was fair-good with fading with interference de XEQD and others. [Vance-TX]

920 **MEXICO** XEQD Chihuahua, Chih. DEC 5 0606 – Caught ID anmt "...XEQD, XEQD, Radio Noticias 920...cerca en Chihuahua... Radio Noticias, 920..." into baladas. Fair while it was up. [Vance-TX]

930 **MEXICO** XEQS Buena Vista de Riviera, Zac. DEC 17 2330 – Faded up with baladas and other música romántica. Frequent use of "Romántica 90.3" slogan and announced it was part of Grupo Radiofonico. Poor in USB with local 920 KQBU phased; started getting competition around 0030. [Vance-TX]

940 **MEXICO** XEYJ Nueva Rosita, Coah. DEC 17 2345 – In with various conjuntos. ID by man and woman just after the hour, "Mix nueve-cuarenta... XEYJ, XEYJ... la Nueva Rosita,

Coahuila..." Frequent "Mix Nueve-Cuarenta" slogan ID's by a man between songs. Also caught a Grupo M Radio network ID just before the top of the hour. Fair-to-poor and dominant on this frequency at this time. [Vance-TX]

- 990 **MEXICO** XEER Cd. Cuauhtémoc, Chih. DEC 25 0200 – Now with música romántica and baladas, ID at 0203 "...escuchando XEER, Radio Romance, novecientos-noventa kilohertz en la banda de AM; con cinco mil wats de potencia... Ciudad Cuauhtémoc, Chihuahua, México. E-R, Radio Romance, una estación más de Grupo de M Radio," and back into music. Dominant signal at this time on LSB with local 1000 XEFV looped. [Vance-TX]
- 990 **MEXICO** XET Monterrey, NL DEC 25 1220 – In with a variety of Mexican music. "La T Grande de Monterrey" slogans every now and then. Decent in splatter from looped local 1000 XEFV until 1300 when it was pretty much covered by XEER and another unID XE. [Vance-TX]
- 1060 **MEXICO** XETF Veracruz, Ver. DEC 29 0015 – In and out with ESPN Deportes Radio. Finally caught singing ID at 0100, "Radio... Fórmula, Radio... Fórmula, por ESPN Deportes Radio," then back into ESPN Deportes. In the ID there was a word between 'Radio' and 'Fórmula' that I couldn't quite make out. A check of ESPN Deportes Radio - México stations website, 1060 showed XETF as a Cadena 3a station. Since I never heard any call letters I can only presume it was XETF, unless somebody out there can offer some additional insight. Fair-poor withy fades and sometimes mixing with another Spanish signal. [Vance-TX]
- 1090 **MEXICO** XEAU Guadalupe, NL DEC 26 1234 – Up through the pileup with ID, "Escuche XEAU, Milenio, 1090 AM..." into announcement by a man, then news. Poor in mix with KMXA and an unID XE. [Vance-TX]
- 1130 **MEXICO** XETOL Ixtlahuaca, Edo. Mex. DEC 31 0247 – Baladas and música romántica. Top of the hour news followed by ads, then ID, "Escuche XETOL, once-treinta AM... desde Paseo Tollocan trescientos, Colonia Universidad, Toluca, Estado de México. Diez mil wats de potencia, estacion de Grupo ACIR...", then back into music. Fading fair-poor in phase of 1130 KWKH, with XEYZ lurking underneath. [Vance-TX]

### It Takes Two

Harold Frogge, Midland MI; Drake R8B, 125-ft bow-tie, 85-ft random wire, 180-ft center-fed random wire.

Robert Vance, El Paso TX; WiNRADiO G303e/PD, 12 x 9-ft unterminated corner-fed north-south loop, 3 sq meter amplified air loop.

73 and Good DX!

## *The IRCA Mexican Log* 16th Edition (Winter 2011)

The **IRCA MEXICAN LOG** lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

Prices: NRC/IRCA members - \$9.50 (US/Canada/sea mail), \$11.50 (México), \$12.50 (rest of the world). Non-NRC/IRCA members - add \$2.00.

To order from the IRCA Bookstore, send the correct amount to: IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117-2334 (PayPal [add \$1.00] email: <phil\_tekno@yahoo.com>). Please state club affiliation when ordering.

### Follow @NRCDXNews on Twitter!



Twitter can be used to disseminate hot MW DX tips to the DX community

To read tips: go to [www.twitter.com](http://www.twitter.com) and search for #mwdx

To send tips, write a tweet (140 characters max) and include the tag #mwdx



# 2012 CMMC DXpedition

## *Roll Over Marconi – Invasion of the Perseus*

### Introduction by Bruce Conti

This was the second of what will hopefully be an annual winter event at the Chatham Marconi Maritime Center (CMMC) on Cape Cod, Massachusetts. Thanks to Chris Black who did all the preliminary legwork in reserving the CMMC and having a Delta antenna ready for us, and to Rob Leiden of the CMMC who opened the Marconi operations building for us and hung around while we did our thing. After a few final adjustments including a slight redirecting of the Delta and adding a Connelly inline RF amp, we were all up and running. In addition I rolled out a few hundred feet of wire on the ground for phasing, but it really didn't make much difference once the DX started rolling in at this outstanding and historic location.



It was an interesting proving ground with Perseus SDR receivers in full force, and test of a mini SuperLoop setup. Bill Kretschmer evaluated Perseus and Excalibur SDR receivers in action as he was considering an upgrade to SDR technology. Steve Wood ran his Perseus out of the box for the very first time. Chris Black and Mark Connelly assisted Steve with loading the software and getting started, and that was basically the last we heard from Steve for the remainder of the evening as he explored all the exciting Perseus features. Meanwhile, Roy Barstow was testing his new mobile mini SuperLoop and Perseus configuration out in the parking lot, and with Mark Connelly's help got it up and running.

Transatlantic signals were coming in by 2000 UTC. Tropical DX was essentially nil except for a couple 'regulars' noted before wrapping things up in the 2300 hour. Overall some nice catches for a three-hour tour. Concluding commentaries follow the logs. All times UTC, January 7, 2012.

### The DXers and their Equipment

Roy Barstow and Mark Connelly WA1ION; Perseus, 12 x 15-ft micro-SuperLoop peak 60°, null 240°. Chris Black N1CP; Perseus, 20-ft terminated Delta at 60°.

Bruce Conti; Excalibur, MWDX-5, 20-ft terminated Delta phased with 250-ft wire on ground/100-ft radial.

Marc DeLorenzo; NRD-535, 20-ft terminated Delta at 60°.

Bill Kretschmer N2KNL; Icom 746Pro transceiver, 20-ft terminated Delta at 60°.

Steve Wood; Perseus, 250-ft wire on ground at 60°/240° with 100-ft ground radial.

### DXpedition Logbook

- 162 **FRANCE** *France Inter*, Allouis 2200 – Top of the hour theme, man with "il et vingt-trois heures" then two men in discussion in French. Good. [Black]
- 171 **MOROCCO** *R.Mediterranee Internationale*, Nador 2200 – Man in Arabic with news segments punctuated by fanfares. Good. [Black]
- 183 **GERMANY** *Europe 1*, Felsberg 2258 – Pop music and man in French. Heavy local interference. Fair. [Black]
- 189 **ICELAND** *Ríkisútoarpíð*, Gufuskálar 2258 – Teletalk in Icelandic then vocal ballad. Heavy local interference. Fair. [Black]
- 252 **ALGERIA** *R.Algerienne*, Tipaza 2300 – Top of the hour pips and man and woman joking around in French. Heavy local interference. Fair. [Black]
- 531 **SPAIN** *RNE5* synchros 2101 – Parallel 1107 with woman in Spanish; poor. [Connelly]
- 549 **ALGERIA** *Chaîne 1*, Les Trembles 2100 – Parallel weaker 531 Arabic music, top of the hour pips (5 regular and last shorter and higher pitch) then man with ID, theme music and then woman in Arabic. Very good. [Black]
- 576 **GERMANY** *SWR Cont. Ra*, Baden-Wurtemberg 2200 – Short classical snip, then man in German with ID and continuing talk with many Deutschland mentions. This station



- scheduled to go off January 8, so got it just in time. Good. [Black] 2201 – Man in German; poor. [Connelly]
- 595 **MOROCCO** *SNRT Oujda* 2200 – Carrier in 590 WEZE slop, not much showing for audio (and not much on 594). [Connelly]
- 603 **FRANCE** *France Info, Tramoyes* 2300 – Man and woman in French, France Info ID and fanfare music; over Spain. [Connelly]
- 603 **SPAIN** *RNE5 synchros* 2100 – Pips, theme, and man with "Radio Nacional de España, informativos" ID over weaker *France Info* theme. Very good. [Black]
- 612 **MOROCCO** *SNRT Sebaa-Aioun* 2200 – Bits of Arabic vocal; poor. [Connelly]
- 621 **CANARY ISLANDS//SPAIN** *RNE1 synchros* 2102 – Parallel 774 with sports shouting or political speech by man; in WZON slop. [Connelly]
- 630 **GERMANY** *VOR Braunschweig-Cremlingen* 2059 – *VOR* with man in Russian, fanfare pips (4-1 longer) then man in Russian with time check and "Golos Rossii." Over WPRO. Good. [Black] 2100 – Five pips last one longer under WPRO too weak to ID language. [Barstow]
- 639 **SPAIN** *RNE1 La Coruña et al.* 2030 – Fair with fútbol match in Spanish; noticeable echo effect. [DeLorenzo] 2100 – Man and woman in Spanish through four minutes of clip, appeared to be ending a program or commentary. No ID noted. Good. [Black]
- 684 **SPAIN** *RNE1 Sevilla* 2033 – Fair with news in Spanish. [DeLorenzo]
- 693 **UNITED KINGDOM** *BBC Radio 5, Droitwich et al.* 2034 – Fair with news by man and woman, "Five Live" ID noted. [DeLorenzo] 2100 – Man and woman asking listeners when they have been caught naked in public. Gave phone number. BBC Five Live ID at 2102. Very good. [Black]
- 702 **FRANCE** *RMC-Info, La Col de La Madonne* 2036 – Presumed this with woman in French at good level. [DeLorenzo]
- 711 **FRANCE** *France Info, Rennes* 2040 – Fair; apparent football match in French. Male doing play-by-play and female adding color commentary. [DeLorenzo] 2100 – Man in French with "vingt-deux heures" time check and France Info theme music. Very good. [Black]
- 711.05 **WESTERN SAHARA** *SNRT Laayoune* 2100 – Carrier only. [Black]
- 720 **CANARY ISLANDS** *RNE5 Finca España* 2100 – Top of the hour pips and theme music, man with "Radio Nacional de España, informativos" then woman in Spanish. Good. [Black]
- 738 **SPAIN** *RNE1 Barcelona* 2102 – Parallel 774 with sports shouting or political speech by man; in CHCM and CFZM slop. [Connelly]
- 747 **NETHERLANDS** *Radio 5, Zeewolde* 2100 – Top of the hour time pips, woman in Dutch with news. Fair-good. [Black]
- 756 **GERMANY** *Deutschlandfunk, Braunschweig & Ravensburg* 2100 – Pips, man in German. Fair-good. [Black]
- 774 **SPAIN** *RNE1 synchros* 2055 – Good with news by man and woman in Spanish. Definitely giving sports scores at 2057. [DeLorenzo] 2100 – Man and woman in Spanish through four minutes of clip, appeared to be ending a program or commentary. No ID noted. Good. [Black]
- 783 **MAURITANIA** *R.Mauritanie, Nouakchott* 2059 – Woman in apparent teletalk with another woman in Arabic. Arabic music fill to top of the hour then man in Arabic with presumed ID. 2101 very weak Arabic music under, possibly Syria. Fair-good. [Black] 2120 – Good with man chanting in African-accented Arabic and guitar-like plucking. Clearly parallel to 7245 kHz. [DeLorenzo]
- 792 **FRANCE** *France Info, Limoges* 2100 – Man in French with "vingt-deux heures" time check and *France Info* theme music. Fair. [Black]
- 819 **SPAIN** *R.Euskadi, San Sebastián* 2101 – Tentative; sounded like fast Spanish talk fading in through 820 WNYC slop. [Conti]
- 828 **GERMANY** *NDR Hannover* 2200 – Very weak threshold audio and light bouncy classical top of the hour theme music clearly parallel 783 under Mauritania. Interestingly EMWG shows 783 as *MRD Info* and 828 as *NDR Info*. Poor. [Black] 2200 – Had to tune to 827.3 for best audio. Some musical notes then a woman talking and more musical notes, unknown language. [Barstow]
- 837 **CANARY ISLANDS//SPAIN** *COPE synchros* 2023 – Fair with fútbol match in Spanish parallel to 999 kHz. [DeLorenzo] 2100 – Parallel 999 Spanish 'fútbol' announcer under *France Info*. Fair. [Black]
- 837 **FRANCE** *France Info, Nancy* 2100 – Over *COPE*; *France Info* fanfare into news. [Conti] 2100 – Man in French with "vingt-deux heures" time check and *France Info* theme music. Good. [Black] 2127 – Fair with man and woman in French over Spain. [DeLorenzo]
- 855 **SPAIN** *RNE1 Murcia et al.* 2100 – Man and woman in Spanish through four minutes of clip, appeared to be ending a program or commentary. No ID noted. Fair-good. [Black]

- 2130 – Excellent; fútbol match in Spanish. Play-by-play by male and color commentary by female. Perhaps this is a trend in Europe now a la Suzan Waldman on the NY Yankee Radio Network. [DeLorenzo]
- 864 **FRANCE** *France Bleu*, Villebon-sur-Yvette 2130 – Good; *France Bleu* jingle into a French reggae song. [Conti] 2135 – Good with pop music, man in French briefly, jingle and more pop music. [DeLorenzo] 2200 – Top of the hour theme and man with "il et vingt-trois heures" then woman with France Bleu mentions and pop music. Fair. [Black]
- 873 **SPAIN** *SER* synchros 2201 – Parallel 1080, 1116 with fast Spanish talk by man. [Connelly]
- 880 **VENEZUELA** *R.Venezuela*, two sites 2300 – Under WCBS; merengue music, Venezuela 880 slogan. [Conti]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford et al. 2141 – Good ending light music and into discussion between man and woman. [DeLorenzo] 2200 – Man with "...BBC Radio Wales" ID. Poor. [Black] 2200 – Fair, over Spain; "This is... on BBC Radio Wales, tonight's program is dedicated..." [Conti]
- 891 unID 2207 – Strong open carrier; Algeria likely. [Conti]
- 900 **CUBA** *R.Progreso*, San Germán 2300 – Signature chime with time check well under domestics. What sounded like Koranic vocals heard earlier likely from Saudi Arabia. [Conti]
- 909 **UNITED KINGDOM** *BBC Radio 5* synchros 2100 – Man and woman asking listeners when they have been caught naked in public. Gave phone number. BBC Five Live ID at 2102. Good. [Black] 2147 – Excellent with teletalk and noticeable echo effect. Best signal ever from this one! [DeLorenzo] 2200 – Good, slight synchro echo; talk show host says, "Have a good weekend" into news, "On digital and online, this is BBC Radio, Five Live" and 10 o'clock time check. [Conti]
- 936 **IRAN** *IRIB R.Iran*, Urumiyeh 2201 – Man in presumed Farsi. Poor. [Black] 2210 – Fair; Middle Eastern music parallel 1503 kHz. [Conti] 2211 – Discussion between two men in presumed Farsi – per tip from Bruce. [DeLorenzo]
- 936 **SPAIN** *RNE5* synchros 2300 – Poor; familiar fanfare and news intro barely making it through whatever else was on the frequency. [Conti]
- 945 **FRANCE** *France Info*, Toulouse 2222 – Good; man in French playing audio clips of football highlights from earlier in the day. [DeLorenzo]
- 954 **CZECH REPUBLIC** *Ceský rozhlas* synchros 2300 – Poor; signing off with instrumental orchestra national anthem through the hour. [Conti]
- 954 **SPAIN** *Onda Cero*, Madrid 2201 – Man in Spanish; good, birdie on about 956 notched. [Connelly]
- 963 **FINLAND** *Radio 86*, Pori 2059 – CRI program with Chinese orchestral music; mixing with apparent Spain. [Connelly]
- 972 **GERMANY** *NDR Info*, Hamburg 2310 – Fading in strong with pop music, just before we wrapped it up for the night. [Conti]
- 963 **TUNISIA** *RTT Tunis* 2200 – Koranic vocal through two other stations; Tunisia likely. [Conti] 2201 – Arabic vocal; over two talkers, one of which was Spain. [Connelly]
- 981 **ALGERIA** *Chaîne 2*, Algiers 2100 – Top of the hour pips and woman in French. Heavy 980 WCAP interference. Poor. [Black] 2100 – Poor in 980 WCAP slop; time marker, announcement, and fanfare into news. [Conti]
- 999 **MOLDOVA** *VOR Maiac* 2058 – A series of five second tones five seconds apart in advance of 2100 sign on. Top of the hour pips (3-1) then man in Russian with greeting, fanfare and news segments. [Black] 2100 – Good, over *COPE* Spain; open carrier, then time marker on the hour and "Golos Rossii, Novosto" into news. [Conti] 2300 – "Golos Rossii" ID. EMWG shows *VOR* World Service this time. Fighting with Spain. Fair-good. [Black] 2300 "Golos Rossii" ID, chimes, then signal disappeared into the muck. [Conti]
- 999 **SPAIN** *COPE* Madrid 2019 – Fair with futbol match in Spanish; second TA noted underneath – probably Moldova per others. Heard more than an hour before local sunset. [DeLorenzo] 2100 – Parallel 837, "fútbol" announcing under/over Moldova. Fair. [Black] 2200 – Over Moldova; sports commentary in Spanish. [Conti]
- 1008 **NETHERLANDS** *GrootNieuwsradio*, Zeewolde 2101 – Man in Dutch then piano music. Heavy 1010 WINS slop. Poor. [Black] 2258 – Poor in heavy 1010 WINS slop; English vocal with piano accompaniment, quick ID on the hour, and more music. [Conti]
- 1026 **SPAIN** *SER* synchros JAN 7 2202 – Fast Spanish talk parallel 1080; through WBZ slop. [Connelly]
- 1035 **PORTUGAL** *Star FM*, Belmonte 2301 – Had to really dig this out of heavy 1030 WBZ analog slop; *Star FM* jingle into pop music. [Conti]



- 1044 **SPAIN** *SER* San Sebastián & Valladolid 2200 – Through 1030 WBZ HD digital noise; time marker and sports talk parallel 873, 1080, 1116, and 1584 kHz. [Conti]
- 1053 **UNITED KINGDOM** *TalkSport* synchros 2100 – Man with news. Poor-fair. [Black]
- 1062 **ITALY** *Rai Radiouno* synchros 2100 – Male and female in Italian. 2201 – Woman in Italian. Fair. [Black] 2225 – Good on fade in with synchro echo; talk in Italian. [Conti] 2257 – Fair; light music, woman in Italian with apparent signoff announcement, brief test tone and carrier cut at 2301. [DeLorenzo] 2300 – Fair; usual sign-off with test tones, off at 2301 UTC. [Conti]
- 1071 **IRAN** *IRIB R.Maaref*, Qom 2201 – Muslim chanting; poor to fair. [Connelly]
- 1080 **SPAIN** *SER* synchros 2100 – Fair under WTIC with time pips then into news. A minute ago they were on top the channel. [Barstow] 2100 – Parallel 1026; top of the hour pips then exuberant man in Spanish. Good. [Black] 2100 – Good over WTIC; many "once" mentions apparently talking about what's coming up at 11, heard "once" mentions again at 2200, parallel 1116 and 1485 kHz. [Conti]
- 1089 **UNITED KINGDOM** *TalkSport* synchros 2100 – Man with news and promos. Gave weather report for Scotland. Het from 1088 Angola and splat from 1090 WILD Boston. Poor-fair. [Black] 2307 – Good with teletalk. [DeLorenzo]
- 1098 **SPAIN** *RNE5* synchros 2100 – Pips, RN theme and man with "Radio Nacional de España, informativos" ID. Poor-fair. [Black] 2300 – Good over unID; time marker, "Son las doce de la noche..." time check, "Radio Nacional de España, 24 horas..." parallel 1107 and 1125 kHz. [Conti]
- 1107 **SPAIN** *RNE5* synchros 2100 – Pips, RN theme and man with "Radio Nacional de España, informativos" ID. Poor-fair. [Black] 2200 – Good, synchro echo; "Radio Nacional de España, Informativos," parallel 1125 kHz. [Conti] 2313 – Fair; man in Spanish, music bridge, woman with news or feature in Spanish. [DeLorenzo]
- 1116 **ITALY** *Rai Radiouno* synchros 2301 – Caught a clear sign-off test tone under *SER* Spain. [Conti]
- 1116 **SPAIN** *SER* synchros 2100 – Parallel 1026; top of the hour pips then exuberant man in Spanish. Poor-fair. [Black] 2300 – "Cadena Ser... deportes" promo, time marker, and vocal leading into sports program, "Muy buenas noches..." [Conti]
- 1125 **SPAIN** *RNE5* synchros 2100 – Pips, RN theme and man with "Radio Nacional de España, informativos" ID. Good. [Black] 2202 – Mixing with another station. Madeira? [Barstow] 2300 – Fair; significant synchro echo between stations. [Conti]
- 1134 **CROATIA** *Hrvatske Radio*, Zadar 2159 – Pips (two long and last longer) then man with "Hrvatske radio" ID and fanfare. Then news in Croatian by woman. Good. [Black] 2259 – Good; choral national anthem, then signature time marker and *Hrvatske Radio* ID with fanfare into news. [Conti] 2319 – Excellent with news in English. [DeLorenzo]
- 1134 **SPAIN** *COPE* synchros 2100 – Parallel 1143; man in rapid Spanish over weaker Croatia. Fair-good. [Black]
- 1143 **KALININGRAD** *VOR Bolshakovo* 2100 – "Golos Rossii Radyo" then fanfare and time pips (3-3). Fighting with Spain. Poor-fair. [Black] 2100 – Fair; "Golos Rossii, Radyo," chimes and time marker. [Conti]
- 1143 **SPAIN** *COPE* synchros 2100 – Parallel 1134; man in rapid Spanish. Poor-fair. [Black]
- 1152 **ROMANIA** *România Actualitati*, Cluj 2130 – Fair, over Spain; discussion between a man and sing-songy woman parallel 1179 and a weak 1332 kHz. [Conti]
- 1152 **SPAIN** *RNE5* synchros 2101 – News by man and woman in Spanish; poor. USB used to dodge WWDJ but notch was also needed to take out local birdie on approx. 1153.8 kHz. [Connelly]
- 1179 **CANARY ISLANDS//SPAIN** *SER* synchros 2100 – Parallel 1116; top of the hour pips then exuberant man in Spanish. Heavy interference from 1170. Poor. [Black]
- 1179 **ROMANIA** *R.România Actualitati*, Galbeni-Bacau et al. 2300 – Orchestral vocal, top of the hour time pips and man in Romanian. Fair. [Black] 2300 – Good; nostalgic orchestra vocal, *R.România Actualitati* ID, time marker with time check into news. [Conti]
- 1188 **IRAN** *IRIB R.Payam*, Tehran 2300 – Top of the hour signature ascending tones, man in Farsi. Poor-fair. [Black] 2300 – Fair; signature ascending notes into news. [Conti]
- 1197 **SPAIN** *Euskadi Irratia*, Vitoria 2058 – Poor; bumper music leading up to news, parallel 1386 and 1476 kHz. [Conti]
- 1206 **FRANCE** *France Info*, Bordeaux 2100 – Man in French with "vingt-deux heures" time check and *France Info* theme music. Very good. [Black]



**Radio România**  
**Actualități**



- 1215 **KALININGRAD** VOR Bolshakovo 2059 – Voice of Russia world service female announcer giving frequencies and web address under *Absolute Radio*. Poor. [Black] 2059 – Woman in English with internet and email addresses, then off – leaving *Absolute Radio* and COPE Spain. [Conti]
- 1215 **SPAIN** COPE synchros 2100 – Man in rapid Spanish fighting with *Absolute Radio*. Good. [Black] 2101 – Man with sport-related shouting/fast talk; briefly over UK. [Connelly]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros 2056 – Good; Elton John "The Bitch Is Back," *Absolute* classic rock promo into ad string. [Conti] 2100 – Rock music, ads and promos with *Absolute Radio* IDs, fighting with COPE Spain. Very good. [Black]
- 1242 **FRANCE** *France Info*, Marseille 2200 – *France Info* fanfare music, French talk; barely over the WBUR slop. [Connelly]
- 1251 **LIBYA** *R.Libya*, Tripoli 2201 – Arabic news by man; poor. [Connelly]
- 1269 **GERMANY** *Deutschlandfunk*, Neumunster 2158 – Man with news in German and *Deutschlandfunk* mention. Fair. [Black] 2200 – Through 1270 CJCB slop; news in German parallel 1422 kHz. [Conti]
- 1287 **SPAIN** SER synchros 2201 – Poor in WRNI slop; talk parallel 1044, 1080, etc. [Conti]
- 1296 **UNITED KINGDOM** *Radio XL*, Langley Mill 2059 – Asian music, 2100 man with news. 2200 Man with "This is Radio XL" and into news and sports. Poor-fair. [Black] 2200 – Fair; "On digital and 1296 AM, this is Radio XL" into news/sport report. [Conti] 2203 – To a good peak; mentioned a number, 212702500 then into weather. [Barstow]
- 1305 **IRAN** IRIB Bushehr 2100 – Carrier noted at ~1305.1 per mwoffset list. [Black]
- 1305 **SPAIN** RNE5 synchros 2100 – Pips, RN theme and man with "Radio Nacional de España, informativos" ID. Fair-good. [Black] 2100 – Spain and another unknown with 3 pips at top of the hour. Maybe another Spain? [Barstow] 2100 – Over unID; loud synchro echo with one-second delay between stations; "Radio Nacional de España... Nacional de España... Informativos... Informativos." [Conti]
- 1305 unID 2215 – Someone here with rock music in an unID language. One of the Spaniards I guess. [DeLorenzo]
- 1314 **SPAIN** RNE5 synchros 2100 – Pips, RN theme and man with "Radio Nacional de España, informativos" ID. Fair. [Black]
- 1314 **UNITED ARAB EMIRATES** *R.Farda*, Al Dhabbaya 2157 – Presumed this with Middle Eastern music and man in apparent Farsi. Time pips apparently from Spain cutting through at 2200. [DeLorenzo]
- 1323 **GERMANY** VOR Wachenbrunn 2158 – Man and woman in Russian, top of the hour pips (4). Fair. [Black] 2200 – Good; "Golos Rossii" ID and loud time marker. [Conti]
- 1332 **IRAN** *R.Tehran*, Tehran 2200 – Men in telephone talk. Poor-fair. [Black] 2200 – Good; telephone talk with brief instrumental interlude. [Conti] 2201 – Sounded like a call in talk show – man and a woman in unknown language. [Barstow]
- 1341 **NORTHERN IRELAND** BBC *R.Ulster*, Lisnagarvey 2100 – Irish music. Man with BBC *R.Ulster* ID then woman with news. Heavy interference from *ESPN Radio 1340* and other domestics. 2300 – Nostalgic male vocal ballad. "This is BBC Radio Ulster." Fair-good. [Black] 2300 – Good; nostalgia, "On 92 and 95 FM, and 1341 medium wave, this is BBC Radio Ulster" into BBC news. [Conti]
- 1368 **UNITED KINGDOM** *Manx Radio*, Foxdale 2301 – Presumed this with news in English during a break in 1370 WFEA slop. [Conti]
- 1377 **FRANCE** *France Info*, Lille 2125 – Good; talk parallel 945, 1206, 1224, 1494, and 1557 kHz. [Conti] 2200 – Man in French with "vingt-deux heures" time check and *France Info* theme music. Fair-good. [Black]
- 1394.85 **ALBANIA** TWR Fillakë 2029 – Fair; contact info and one cycle of TWR interval signal. [Conti] 2100 – Strong carrier and threshold audio only. [Black]
- 1413 **SPAIN** RNE5 synchros 2100 – Pips, RN theme and man with "Radio Nacional de España, informativos" ID. Very good. [Black] 2300 – Good; time marker and check, fanfare, "Radio Nacional de España, 24 horas..." parallel 855 and 1305 kHz. [Conti]
- 1422 **GERMANY** *Deutschlandfunk*, Heusweiler 2059 – Techno modern music then man with "Deutschlandfunk" ID and news items in German. Fair-good. [Black] 2300 – Good, over unID; "Deutschlandfunk" and time marker into news. [Conti]
- 1431 **DJIBOUTI** *R.Sawa*, Arta 2100 – "Radio Sawa" ID and Middle Eastern pop music. Heavy 1430 WKOX slop. Poor. [Black] 2100 – Fair in 1430 WKOX slop; *R.Sawa* ID, contemporary music. [Conti-NH]
- 1440 **LUXEMBOURG** RTL Marnach 2100 – RCI theme and man with "Ici Radio Chine International," then relay of CRI with woman in French. Fair-good. [Black] 2300 –



- Over/under WRED; web address and ID in English, "This is CRI... Beijing" and news in English from "China Radio International." [Conti]
- 1457.8 **ALBANIA** *CRI Fllakë* 2040 – Measured 1457.864 kHz in a het party with 1458.000 and 1458.004 kHz. [Conti]
- 1458 **UNITED KINGDOM** *Sunrise Radio*, Brookmans Park 2100 – *Sunrise Radio* jingle ID, man and woman with news, and ad spots with phone numbers, London mentions, punctuated with fanfares. Poor-fair. [Black]
- 1467 **FRANCE** *TWR Roumoules* 2100 – Ethnic music then woman in presumed Kabyle per EMWG. Good. [Black] 2259 – Good; end of Arabic program, one cycle of *TWR* interval signal, then momentarily off for antenna pattern change, "Good evening and welcome to TransWorld Radio UK, broadcasting on 1467 kilohertz..." into "Saturday broadcast of Rendezvous." [Conti]
- 1476 **SPAIN** *Euskadi Irratia*, Biribilondo 2233 – Good; female vocal parallel 1386 kHz. Het on high side noted strongest at 2100 likely from Iran. [Conti]
- 1485 **SPAIN** *SER* synchros 2100 – Parallel 1134; man in rapid Spanish. Good. [Black] 2200 – Good; talk with "once" time checks parallel 1080 and 1116 kHz. [Conti]
- 1494 **CORSICA** *France Bleu*, Bastia 2101 – French talk by man was not parallel 1206; to fair peak. [Connelly]
- 1494 unID 2302 – Urban contemporary/dance music, not parallel 864 *France Bleu* or any of the *France Info* frequencies. Potential *ERA* Greece parallels not found either. [Conti]
- 1503 **IRAN** *IRIB R.Iran*, Bushehr 2100 – Fanfare then piano flourish and man in Farsi and more middle eastern sounding music. Fair. [Black] 2258 – Good; setar with percussion, man in Farsi. [Conti]
- 1503 **SPAIN** *RNE5 La Línea de Concepción & Piñeira* 2200 – Significant synchro echo indicating reception of both stations, fading up over Iran; time marker and fanfare into news. [Conti]
- 1521 **SAUDI ARABIA** *BSKSA* Duba 1938 – As usual, the first TA to produce audio, nearly two hours before local sunset. Fair with Arabic teletalk. [DeLorenzo] 2100 – Arabic music, theme music and man in Arabic with news items. Very good. [Black]
- 1530 **ROMANIA** *R.România Actualitati*, Mahmudia & Mihaileni 2258 – Under WCKY; nostalgic orchestra vocal, time marker and ID into news parallel 1179 kHz. [Conti] 2300 – Time pips under WCKY; parallel 1152 and 1179 kHz. [Barstow]
- 1530 **SAO TOME E PRINCIPE** *Pinheira* 2100 – Yankee Doodle under WVBF and others. [Barstow] 2159 – Woman with VOA promo, then man on the hour with "This is the Voice of America, Washington DC signing off" and gave info for times and frequencies. Good. [Black] 2200 – Good; "This is the Voice of America, Washington DC, signing off," and postal address for program schedule. [Conti]
- 1539 **UNITED ARAB EMIRATES** *VOA Al Dhabbaya* 2159 – Fair; contemporary Middle Eastern vocal, fanfare with presumed ID in unID language, then news in English. [Conti] 2200 – News in English; in fair. [Barstow]
- 1548 **MOLDOVA** *VOR Grigoriopol* 2059 – Light jazz music filler to the hour, then woman in Italian ending program. Then into Serbian program. Fair-good. [Black] 2100 – Over/under *BBC R.Bristol*; Serbian program. [Conti]
- 1548 **UNITED KINGDOM** *BBC R.Bristol*, Mangotsfield 2200 – Fanfare music into BBC news at 10 o'clock. Good then buried in the mix. [Barstow] 2200 – "Stand by for BBC news and weather," then woman with FM and on-line mention and man with "BBC Radio Bristol" ID, then double fanfare and time check (ten o'clock). Fair. [Black] 2200 – Over Moldova and Kuwait mix; "Across the west on FM, DAB, and online, BBC Radio Bristol" with fanfare, then "BBC news at 10 o'clock." [Conti]
- 1557 **FRANCE** *France Info*, Fontbonne 2100 – Man in French with "vingt-deux heures" time check and *France Info* theme music. Very good. [Black] 2300 – Excellent; *France Info* ID, fanfare into le journal. [Conti]
- 1575 **ITALY** *Rai Radiouno* synchros 2300 – Sign-off test tones under *R.Farda*. Poor. [Black] 2300 – Under *R.Farda*; sign-off test tones. [Conti]
- 1575 **UNITED ARAB EMIRATES** *R.Farda*, Al Dhabiya 2259 – Female vocal, top of the hour announcement and woman in Arabic with news. Fair. [Black] 2300 – Good over Italy; *R.Farda* ID into news parallel 1314 kHz. [Conti]
- 1584 **SPAIN** *SER* synchros 2100 – Parallel 1026; top of the hour pips then exuberant man in Spanish. Fair. [Black] 2100 – Good; talk over music bed, parallel 1116 and 1485 kHz. [Conti]
- 1584 **ITALY** *Rai Radiouno*, Terni 2300 – Sign-off test tones only. Poor. [Black] 2300 – Under Spain and 1590 WARV slop; sign-off test tones. [Conti]
- 1602 **SPAIN** *R.Vitoria*, Vitoria 2200 – Woman with "Euskadi Irratia Radio Vitoria" ID then alternating man and woman with news in Spanish. Fair-good. [Black]

**Roy Barstow**

First off nice to see other DXers at a good DX site. Also nice to know my mobile setup is working fine as about everything heard inside I also received outside with a 12 by 15-ft loop and Perseus. Thanks to Mark Connelly for helping me out with antenna set-up and computer work. Mark and I were picking up a buzz maybe from the outside lanterns in the parking lot at times. I did not list all my captures, only the new ones for me and some others.

**Marc DeLorenzo**

All things considered, I was pleasantly surprised. Nothing extraordinary heard but a few awesome signals from some of the regulars: 855 RNE and 909 BBC were "best ever" signals for me. Only new one for me was 1062 Italy thanks to a tip from Bruce. And a huge thanks to Mark C for loaning us his amplifier!

**Steve Wood**

Everything I received has been mentioned by others. I really spent most of the time putting the new Perseus thru its maiden run. A lot of the listening I did was on the shortwave bands, nothing out of the ordinary was heard. I'm still working on familiarizing myself with the overall operation of the receiver.

**Chris Black N1CP**

Well, so ends our second annual Chatham event. I hope everybody had fun. We keep getting better each time we role in like the circus and then disappear into the night! And it was great that everybody got to participate. I would give the TAs a solid C+. I took a look at my totals from last year (99 logs from 36 countries) and compared to this year (80 logs from 26 countries). Of course the cycle is moving up, there was definitely more noise this year, and the south was AWL. I was pleased that we managed to work around all the local building (or power line?) QRM and get what we did. I will try to get down again with my 'hot and sour' radio and see if I can get a better fix on the sources of the QRM.

**Internet Connections**

Visit the CMMC website at [www.chathammarconi.org](http://www.chathammarconi.org) to learn about the history of the Marconi Wireless WCC site. Consider supporting CMMC preservation and education efforts by becoming a member.

Check out the 2011 CMMC DXpedition report at [www.bamlog.com/cmmcdxped.htm](http://www.bamlog.com/cmmcdxped.htm) for more photos and background information from the inaugural event.

See [http://home.comcast.net/~dxlab/pictures/micro\\_superloop.htm](http://home.comcast.net/~dxlab/pictures/micro_superloop.htm) for a Mark Connelly micro SuperLoop design drawing.

73 and Good DX!

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# LBI-10 DXPedition

**LBI 10 / 2011 Attendees**

Dave Hochfelder (N2HTA)– Albany, NY – Drake R8B & Quantum Phaser

Russ Edmunds (WB2BJH) – Blue Bell, PA – 2 Modified Sony ICF 2010's

Rob Stonier (WE2Z) – Hawthorne, NJ – Drake R8

Brett Saylor (N3EVB) – State College, PA – Perseus SDR, TenTec RX-320, Drake R8, Collins R-390

Chuck Rippel (WA4HHG) – Chesapeake, VA – Perseus SDR

Jim Chenard – Blairstown, NJ – Drake R8 ( Friday night )

Kris Field – Philadelphia, PA – Drake R8

Michael Hunter (W2MHZ) – Neshanic Station, NJ - Drake R8, Perseus SDR

**Antennas for all:**

North BOG: 1000' terminated @ 33 degrees

South BOG: 850' terminated @ 213 degrees

16x36' pre-amplified flag

6' pre-amplified Broadband Loop

Wellbrook ALA-1530

**Dave speaks:**

It's hard to believe that this has been our tenth DXpedition to LBI! Every year I get stares from friends and coworkers when I tell them that I'm going "down the shore"--in November. One thing I really like about the LBI outings is their inclusiveness. Over the past ten outings we've had a total of about 20 DX'ers participate. So the high point of any LBI gathering is renewing old friendships and making new ones, no matter what conditions are like. (I especially appreciate Chuck aligning my Drake, which was 60 or 70 cycles off frequency, without my knowing it.)

Now that we have a baseline of DXpeditions extending over most of a solar cycle, LBI 10 ranks somewhere in the middle of the pack. We had decent signals from the usual TAs like France, Spain, Algeria, and the UK, but we didn't penetrate further east than coastal Europe and North Africa. On the first night we had very good reception of three or four Iranians and on the second night the Saudis were very strong, but we didn't hear any new countries on the broadcast band. The southern BOG was dominated by Cubans, as usual. Brett and Russ trolled around the LW utilities like NDBs, NAVTEX, and DGPS, so maybe that will put another few countries or states on the list.

One of the interesting trends since we started doing this in 2002 is the changing technology we deploy. At LBI 1, I had a Sony ICF-2010 and the top of the line radios brought by other DX'ers were Drakes. Nobody had laptops. At LBI 10, most of us had Perseus rigs (Drake for me...), most of us had laptops and an IRC chat room to "shout" our logs to each other in real time, and Brett brought something like half a dozen radios and computers for recording NAVTEX and other utilities. It will be interesting to see what the gear looks like at LBI 20.

### **Brett speaks:**

It's hard to believe that this was the 10th consecutive LBI DXpedition. I've been to every LBI since #2, and have enjoyed watching it grow into an annual event that's as much about the social connections as it is about actually listening to the radios.

Conditions were "average", definitely not as hot as two years ago but still yielding some interesting catches. The highlight was definitely the multiple Iranian stations that were heard parallel to 1503, with an excellent recording of an ID on the first night. The other TAs were "garden variety" but I still have many hours of Perseus recordings and, as in past years, there are probably a few gems still hidden there.

Deployment of the antennas went well this year, and the local police patrolling the beach didn't even stop to ask what we were doing this time (maybe the WGBW AM 1590 "Honorary Tower Site Supervisor" T-shirts, courtesy of Mark Heller, convinced them we were legit?) This marked the last year for the 6-foot Connelly BBL loop – too many trips to the beach and accidental drops from the car during the loading and unloading rendered it non-functioning by the end of the weekend. I wanted to set it aflame and launch it into the surf Viking-style, but the others convinced me that may not help our image with the local law enforcement so we unceremoniously left it next to the garbage can upon our departure. But I am happy to say that I plan to have a new version of a 6-foot loop ready to deploy next year.

Another highlight was the field repair of my classic R390A by Chuck Rippell. Chuck quickly diagnosed the cause of the blown fuses and replaced the power supply only to find that the replacement supply was miswired and only putting out a fraction of the high voltage required. Some bad words, and a few modifications with a soldering iron later, and the radio was singing like it did 55 years ago when it left the Collins factory. Thanks, Chuck!

As we do every year, one of the topics at breakfast was "loops vs. BOGs" and again, as in previous years, the jury is still out on whether a loop-only DXpedition would be a good idea. I guess as long as our backs hold out we'll continue to string out and bury the nearly half-mile beverage wires.

### **Mike speaks:**

This was my first LBI trip and the strongest impression I had was what a great bunch of guys you are. When I think back on how my DX'ing has pretty much a solitary late night hobby, it was quite an experience for me to participate in such a well organized group activity.

My first goal for next year is to make certain that my Friday schedule is clear so I can arrive earlier and participate in antenna set up. I felt like a slacker for arriving late in the afternoon.

Using a SDR has the advantage of allowing stations missed to be heard later and to have a "do-over" on bandwidth and audio settings to clarify the recording. Next year I will be more careful in the amount of time allocated to recording (actually increase it) as I had fairly short snippets of stations that would have been interesting to identify.

Going through the audio files is pretty tedious, but is rewarding when live conditions are bad and you can recall good conditions from the files. To catch up, I took the files on a business trip using my laptop with headphones to listen in the hotel. I resolve to finish sooner next year.

The loop antennas were impressive, and I am inspired to finish my flag antenna project.

As good as the Perseus is, I still like the audio provided by the conventional receivers like the Drake.

Thanks to Chuck for bringing the old Drake on frequency. That radio hasn't been opened since I bought it about 20 years ago. For years I didn't use it often as I had a preference for the NRD-525. Since I have been listening more I have come to like the Drake. And now, thanks to Chuck, it doesn't have the low frequency rumble anymore.

Wrestling with log books while sitting on a camp chair has its limitations. I wonder why the WRTH isn't available in an electronic form yet? Speaking of which, Barnes and Noble sent a notice this week that the WRTH is delayed. I hope it doesn't suffer the fate of the Passport to World Band Radio.

### Russ speaks:

Little did I think when I was one of 4 DX'ers who decided to hold a one-night DXpedition on Long Beach Island ten years ago that it would become an annual event, with as many as ten DX'ers on hand, nor that I would end up having been able to attend each of them. With 8 DX'ers this time, attendance and interest was again strong and included one first-time attendee in Mike Hunter, and one who had only paid us a brief visit before, Kris Field.

Conditions were at best average, although we anticipated more owing to low geomagnetic indices the preceding week and some promising receptions in the days prior. The highlight was the reception of 4 IRIB-1 outlets all in // early Friday night with Middle Eastern singing. Conditions unfortunately deteriorated from then on, and for this DXpedition we have more loggings of NDB and DGPS beacons than regular MW and LW broadcast stations.

Despite the conditions, the company was as always enjoyable. Antenna experiments were conducted, some receiver repairs made, and some future equipment organization improvements identified – once again both radio rooms were characterized by jumbles of wires, preamplifiers, splitters and assorted radio equipment and supplies.

### The Loggings (all in UTC)

- 162 **FRANCE** *France Inter*, Allouis – 20 NOV 0504 - Male/female alternating in French.  
 171 **MOROCCO** *R. Mediterranee Int'l*, Nador – 18 NOV 2240 – Very good with Arabic music.  
 183 **GERMANY** *Europe 1*, Felsberg – 18 NOV 2145 – Pop music, male announcer in French.  
 234 **LUXEMBOURG** *RTL Bediweiler* – 20 NOV 0506 – Pop music.  
 252 **IRELAND** *RTE R1*, Clarkstown – 20 NOV 0100 – News in English by man.  
 507 **USA** *WE2XGR/6*, Penn Yan NY – 19 NOV 0245 – Beacon; slow Morse ID.  
 516 **CANADA** *YWA*, Petawawa ON – 19 NOV 0256 – Beacon; Canadian format, Morse ID.  
 526 **BAHAMAS** *ZLS*, Stella Maris – 19 NOV 0255 – Beacon; Morse ID.  
 530 **CUBA** *R. Rebelde*, Guantánamo – 19 NOV 0100 - // 540 and others.  
**CUBA** *R. Enciclopedia*, Havana – 19 NOV 0249 – Classical/easy listening.  
 531 **ALGERIA** *Algier Chaine 1*, El Ain Beida – 19 NOV 2220 – Talk by man in Arabic interspersed with musical stingers // 549.  
 540 **CUBA** *R. Rebelde* – 19 NOV 0100 - // 530, others.  
**USA** *WFLF* Pine Hills FL – 19 NOV 0245 – Dave Ramsey; 352 area code; station IDs.  
 549 **ALGERIA** *Algier Chaine 1*, Les Trembles – 20 NOV 0104 – Talk by man in Arabic.  
 550 **CUBA** *R. Rebelde*, location unknown – 19 NOV 0247 – ID by male announcer.  
**HONDURAS** *ABC R.*, Tegucigalpa – 19 NOV 1000 – Thanks to Don Moore for the ID; Mexican music.  
 555 **ST. KITTS** *ZIZ*, Basseterre – 19 NOV 0255 – Reggae music; sounder at :59 cuckoo sound/  
 560 **CUBA** *R. Rebelde*, Moa/Holguin – 19 NOV 0259 – Sounder TOH.  
 570 **CUBA** *CMDC R. Reloj*, Santa Clara – 19 NOV 0234 – ID.  
 580 **CUBA** *R. Rebelde*, Guantanamo – 19 NOV 0100 - // 530, others.  
**PUERTO RICO** *WKAQ* San Juan – 19 NOV 0800 – Patter by DJ in Spanish, call sign incl another station's call, mentions of PR.  
 590 **CUBA** *CMHI R. Musical Nacional*, Santa Clara – 19 NOV 0100 – Signature harp tune and "Radio Musical ID by woman; classical music selections.  
**CUBA** *R. Rebelde* – 19 NOV 0100 - // 530, others.  
 600 **CUBA** *CMKV R. Rebelde*, Urbano Noris – 19 NOV 0234 – Rebelde net ID.  
 610 **CUBA** *CMAN R. Rebelde*, Bahia Honda – 19 NOV 0235 - // 600.  
**USA** *WIOD* Miami FL – 19 NOV 0100 – Local traffic report, commercials, ID "Newsradio 610 WIOD" also mentioning 100.3 FM.  
 620 **CUBA** *R. Rebelde* – 19 NOV 0235 - // 600.  
 630 **CUBA** *CMQ R. Progreso*, Pinar del Rio – 19 NOV 0100 - // 640 and others.  
 640 **CUBA** *CMBC R. Progreso*, Guanabacoa – 19 NOV 0236 - // 630.  
 650 **CUBA** *R. Progreso* – 19 NOV 0236 - // 630.  
 660 **CUBA** *R. Progreso*, Santa Clara – 19 NOV 0100 - // 630.  
 670 **CUBA** *R. Rebelde*, Arroyo Arenas – 19 NOV 0236 - // 600.  
 675 **UnID** 20 NOV 0100 – Talk by woman in unID language; single beep at TOH.



- 684 **SPAIN** *RNE1*, Sevilla – 20 NOV 0100 – Talk by men in Spanish, top of the hour jingle then news delivered by woman alternating with man.
- 690 **COLOMBIA** *HJCZ R. Recuerdos*, Bogota – 19 NOV 0500 – ID, mixing with equal strength R Progreso.  
**CUBA** *R. Progreso*, Jovellanos – 19 NOV 0100 - // 630.
- 693 **ENGLAND** *BBC R. Five Live*, synchros – 20 NOV 0100 – Good with news in English.  
**SPAIN** *RNE1*, synchros – 19 NOV 2258 -// 684 under BBC with talk by man in Spanish.
- 710 **CUBA** *R. Rebelde*- 19 NOV 0100 - // 530, others.
- 730 **COLOMBIA** *HJCU Cadena Melodia de Colombia*, Bogota – 19 NOV 0100 – In a mix of Latins, with distinctive chimes at TOH.  
**CUBA** *R. Progreso*, Nueva Gerona – 19 NOV 0100 - // 630.
- 750 **CUBA** *CMHV R. Progreso*, Trinidad – 19 NOV 0100 - // 630.
- 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg – 20 NOV 0100 – Presumed with light music, time pips at TOH.
- 760 **CUBA** *R. Progreso* – 19 NOV 0100 - // 630.
- 770 **CUBA** *CMKB R. Rebelde*, Las Mercedes – 19 NOV 0237 - // 600.
- 774 **SPAIN** *RNE-1*, various – 19 NOV 2138 – Talk, vocals in Spanish.
- 780 **CUBA** *R. Reloj*- 19 NOV 0237 – ID.
- 783 **SYRIA** *R. of Syrian Arab Republic* (presumed) – 19 NOV 2255 – Talk between man and woman in Arabic; another station under with Koran singing. Suspect Syria is the stronger station.
- 790 **CUBA** *CMAQ R. Reloj*, Pinar del Rio – 19 NOV 0100 – “RR.”
- 800 **CUBA** *CMDT R. Progreso*, Manzanillo – 19 NOV 0237 - // 630.
- 810 **CANADA** *CJVA Caraque* NB – 20 NOV 0058 – “For the Good Times” (in English, country version), call letters, talk by a man in French, then French song; good under WGY.  
**COLOMBIA** *HJCY Caracol R.*, Bogota – 20 NOV 0600 – Caracol Radio ID with signature tune at TOH, fair under WGY. Apparent Mexican IDs and “Radio Libertad” program may have also been from a program on this station.  
**CUBA** *CMBC R. Progreso*, Guantanamo – 21 NOV 0600 – Progreso signature tune.
- 820 **CUBA** *CMDE R. Reloj*, Contramaestre – 19 NOV 0100 – “RR.”  
**CUBA** *CMCA R. Ciudad de la Habana*, Santa Catalina – 19 NOV 0100 – Very modern, non-Cuban sounding-discussion between man and woman, edgy US and pres Cuban pop/rock music, ID at TOH with R Ciudad jingle. Reloj under.
- 837 **FRANCE** *R. Info*, Nancy – 19 NOV 2122 - // 1377.  
**UnID** 18 NOV 2319 – Talk by man; not // 1206 so not sure if France Info. COPE?
- 840 **CUBA** *CMHW Dobleve*, Santa Clara – 19 NOV 0100 – TOH Dobleve jingle under 4VEH.  
**CUBA** *CMKC R. Revolucion*, Santiago de Cuba – 19 NOV 0500 – NA (over another station playing NA) then “CMKC Radio Revolucion” ID.  
**HAITI** *4VEH R. Evangelique*, Cap Haitien – 19 NOV 0100 – Church service with talk in French, choir music with organ, strong under WHAS.
- 850 **CUBA** *R. Reloj*, Nueva Gerona – 19 NOV 0100 – “RR.”
- 855 **SPAIN** *RNE R. Nacional* – 20 NOV 0402 – SS male & female; four time pips at 0400 UTC.
- 860 **CUBA** *R. Reloj*, Baracoa – 19 NOV 0238 – ID.
- 864 **UnID** – 20 NOV 0405 – Strong carrier; some music in noise.
- 870 **CUBA** *CMDT R. Reloj*, Sancti Spiritus – 19 NOV 0239 – ID.  
**CUBA** *R. Reloj* – 19 NOV 0100 – Second “RR” behind first.
- 880 **CUBA** *R. Progreso* – 19 NOV 0100 - // 630.
- 909 **ENGLAND** *BBC Radio 5*, various – 18 NOV 2340 - // 693.
- 910 **CUBA** *CMHA R. Cadena Agramonte*, Camagüey – 19 NOV 0500 – ID by man.  
**CUBA** *CMBL R. Metropolitana*, La Lisa – 19 NOV 0500 – ID by woman.
- 918 **UnID** 19 NOV 2257 – Slow vocal music, Nigerian het from 917. Slovenia or Spain?  
**UnID** 20 NOV 0145 – Carrier; no audio.
- 927 **BELGIUM** *VRT R. Een*, Wolvertem (presumed) – 19 NOV 2257 – Pop music by female.
- 930 **CUBA** *CMIP R. Surco*, Ciego de Avila – 19 NOV 0500 – ID, national anthem, wobbly carrier.
- 936 **IRAN** *IRIB* – 20 NOV 0140 – Koran, musical interlude and talk by woman in Farsi; thanks to Vlad and Sylvain on RealDX for ID.
- 945 **FRANCE** *R. Info*, Toulouse – 20 NOV 0100 – Classical music, jingle at top of the hour, into pres news in FR by woman.  
**IRAN** *IRIB Regional*, Dehghan – 20 NOV 0206 – Koran.
- 950 **CUBA** *R. Reloj*, Havana – 20 NOV 0155 – ID.
- 954 **UnID** 20 NOV 0328 – Carrier, noisy, maybe woman vocal.
- 960 **CUBA** *R. Reloj*- 19 NOV 0100 – “RR.”
- 963 **UnID** 20 NOV 0330 – Female voice in the noise.

- 972 **GERMANY** *NDR Info*, Hamburg – 20 NOV 0203 – Presumed with talk in German by woman, poor.
- 980 **CUBA** *CMB R. COCO*, Habana (presumed) – 19 NOV 0040 – Romantic music, talk between two men in Spanish with frequent mentions of "los Cubanos."
- 980 **CUBA** *R. Reloj*- 19 NOV 2233 – ID.
- 981 **ALGERIA** *Alger Chaine 2*, Ouled Fayet (tentative) – 19 NOV 2235 – Interesting mix of a low-voice male and middle eastern music, not sure of it was same station. Earlier (2215) was talk between the low voiced man and a woman.
- IRELAND** *R. Star Country*, Emmyvale – 19 NOV 2239 – Presumed with English talk.
- 1000 **COLOMBIA** *R. Dif. Nacional*, various – 18 NOV 2355 – Frequent mentions of Colombia. Another SS under.
- CUBA** *CMNM R. Granma*, Manzanillo – 19 NOV 0500 – Radio Granma jingle, Cuban NA, New at LBI.
- 1008 **SPAIN** *SER R.*, synchros – 19 NOV 2110 – Sports play-by-play in Spanish.
- 1020 **CUBA** *R. Reloj* – 19 NOV 0100 – "RR."
- 1035 **PORTUGAL** *Star FM*, Belmonte – 19 NOV 2120 – Raindrops Keep Falling On My Head and // to internet stream.
- 1044 **SPAIN** *SER*, various – 19 NOV 2115 – Man talking in rapid-fire Spanish.
- 1053 **ENGLAND** *Talksport*, synchros – 20 NOV 0100 – Sports talk in English // 1089.
- 1080 **CUBA** *CMCU R. Cadena Habana*, Güines – 19 NOV 0500 – ID, NA.
- 1089 **UK** *Talk Sport*, unknown – 19 NOV 2256 – Soccer; male announcer.
- 1098 **SPAIN** *RNE5*, synchros – 20 NOV 0100 – Talk by man in Spanish, time pips at TOH // 1107.
- 1116 **SPAIN** *SER*, synchros – 20 NOV 0100 – Talk by man in Spanish.
- 1125 **SPAIN** *R. Nacional*, various – 19 NOV 0200 – Presumed with Spanish programming.
- 1130 **USA** *KWKH* Shreveport LA – 19 NOV 0500 – C&W music, ID.
- 1140 **CUBA** *CMIP R. Surco*, Ciego de Avila – 19 NOV 0500 – Cuban NA, then ID "Transmite CMIP Radio Surco desde Ciego de Avila" by man. Rebelde also on the frequency but this was on top. Also // 930 with wobbling carrier.
- CUBA** *R. Rebelde* – 19 NOV 0100 - // 530, others.
- 1179 **UnID** 20 NOV 0100 – SER? Music, not // SER Spain 1116.
- 1180 **UnID** 19 NOV 2305 – Female vocal in SS over WHAM. Rebelde?
- 1206 **FRANCE** *France Info*, Bordeaux – 18 NOV 2250 – French talk.
- 1210 **CUBA** *R. Rebelde* – 19 NOV 0100 - // 530, others.
- 1215 **KALININGRAD** *Voice of Russia*, Bolshakovo – 18 NOV 2215 – News in English by man and woman announcers, including mention of Occupy Wall Street protesters; trading places with Absolute Radio.
- UK** *Absolute Radio*, synchros – 18 NOV 2315 – Pop song "Time of Your Life" by Green Day; British-accented DJ between songs.
- 1251 **LIBYA** *Libyan Jamahiriya*, Tripoli (presumed) – 19 NOV 2037 – Presumed with talk by man in Arabic, mentions of "Arabia."
- 1314 **UnID** 20 NOV 0058 – Rock music.
- 1332 **IRAN** *IRIB-1*, Tehran – 18 NOV 2321 – Middle Eastern music-singing // 1503, 1512, 936.
- 1350 **CANADA** *CKAD* Middleton NS – 20 NOV 0100 – Commercial for "Leon's Furniture House of Champions on AVR."
- USA** *WEZS* Laconia NH – 20 NOV 0100 – "New Hampshire's Good Times Oldies Station."
- 1377 **FRANCE** *France Info*, Lille – 20 NOV 0058 – Music, jingle tune at TOH and talk in French.
- 1394.86 **ALBANIA** *TWR*, Fillake – 19 NOV 2037 – Talk in what sounds like Eastern European language; late with religious music.
- 1413 **UnID** – 20 NOV 0133 – Female voice in noise, accent unknown. VOR or BBC?
- 1422 **GERMANY** *Deutschlandfunk*, Heusweiler – 20 NOV 0052 – Light orchestral music; time pips at TOH then talk in German by M.
- 1440 **USA** *WHKZ* Warren OH – NOV 19 0114 - // 1220, Cleveland State basketball.
- 1467 **FRANCE** *Trans World Radio*, Roumoules (presumed) – 18 NOV 2215 – Talk alternating between an Arabic-sounding language and English, including phrases "accept the Lord" and "the will of God" and "believe in the Lord"; later solid copy in English only.
- 1503 **IRAN** *IRIB-1*, Bushehr – 18 NOV 2330 – Talk by man and woman in presumed Persian with "Radio Iran" ID.
- 1512 **IRAN** *IRIB-1*, Ardabil – 18 NOV 2319 – Middle Eastern music-singing // 1503, 936, 1332.
- 1520 **USA** *WTHE* Mineola NY – 19 NOV 2146 – Sign-off at 1645 ET.
- 1521 **SAUDI ARABIA** *BSKSA*, Duba – 20 NOV 0128 – Koran.
- 1548 **KUWAIT** *R. Sawa*, Kuwait City – 18 NOV 2214 – Rock music, talk by female announcer between songs.
- 1550 **CUBA** *R. Rebelde* – 19 NOV 0100 - // 530, others.

- 1557 **FRANCE** *France Info, Nice* – 18 NOV 2137 – Talk in French by man, jingle, woman announcer then back to man.
- 1570 **USA** *WVTL Amsterdam NY* – 20 NOV 0126 – Oldies // WBBS-104.7 "Lite 104.7."
- 1575 **UAE** *R. Farda, Al Dhabiya* – 19 NOV 2058 – Talk by woman and man in presumed Persian, pop music between talks.  
**UnID** – 18 NOV 2137 – Ballad song, not typical Farda dance music. Italy or Spain?
- 1602 **SPAIN** *R. Vitoria or SER* – 19 NOV 2102 – Spanish talk.  
**UnID** 19 NOV 0258 – Instrumental music, weak.
- 1610 **ANGUILLA** *Caribbean Beacon, The Valley* (presumed) – 18 NOV 2257 – Preaching in English by a male; new at LBI.  
**USA** *WPFJ882 Ocean City MD* – 19 NOV 1617 – ID.
- 1620 **CUBA** *R. Rebelde* – 19 NOV 0259 – Sounder.  
**USA** *WQAL487 Manasquan NJ* – 19 NOV 1655 – ID.  
**USA** *WPTU717 Ocean City NJ* – 19 NOV 1655 – ID.
- 1630 **USA** *WPVT502 Avalon NJ* – 19 NOV 1616 – ID.  
**USA** *WQFG844 Point Pleasant Beach NJ* – 19 NOV 1616 – ID.
- 1640 **USA** *WPVN442 Brigantine NJ* – 19 NOV 1615 – ID.
- 1650 **USA** *WQFQ235 Ship Bottom NJ* – 19 NOV 1614 – ID.
- 1670 **USA** *WQMB847 Stone Harbor NJ* – 19 NOV 1612 – ID.  
**USA** *WQSZ859 Tuckerton NJ* – 19 NOV 1611 – ID.
- 1700 **USA** *KNAA585 Jamaica NY* – 19 NOV 1610 – ID.
- 1710 **USA** *unID* – 19 NOV 1637 – SS SS talk and music on North antennas.

**Plus these NDBs:** **DIW-198** Dixon NC (18 Nov 2245); **QI-206** Yarmouth NS (19 Nov 0209); **CL-207** Charlo QC (20 Nov 0500); **MT-209** Chibougamau QC (20 Nov 0512); **CLB-216** Carolina Beach NC (18 Nov 2247); **BX-220** Lourdes-de-Blanc Sablon QC (20 Nov 0206); **QB** Quebec QC (20 Nov 0205); **OW-236** Ottawa ON (20 Nov 0208); **EZF-237** Fredericksburg VA (19 Nov 1254); **LE-240** Auburn-Lewiston ME (21 Nov 0420); **YZE-245** Gore Bay ON (20 Nov 0515); **UL-248** Montreal QC (19 Nov 0024); **IL-248** Wilmington DE (19 Nov 1257); **FRT-248** Fairmont SC (20 Nov 0400); **5B-254** Summerside PEI (20 Nov 0405); **LLW-254** Elizabeth City NC (20 Nov 0405); **ELQ-261** Emporia VA (20 Nov 0406); **YQA-272** Muskoka ON (20 Nov 0518); **ZV-273** Sept-Iles QC (19 Nov 2315); **YHR-276** Chevery QC (20 Nov 0307); **NM-278** Matagami QC (19 Nov 0046); **QX-280** Gander NF (20 Nov 0212); **YLQ-289** La Tuque QC (19 Nov 2318); **UWP-323** Argentic NL (19 Nov 0319); **FC-326** Fredericton NB (19 Nov 0047); **ZEF-326** Elkin NC (20 Nov 0410); **OU-329** Quebec-St. Foy QC (20 Nov 0357); **CH-329** Charleston SC (20 Nov 0411); **YFM-332** La Grande QC (19 Nov 0048); **FIS-332** Key West FL (20 Nov 0412); **YLD-335** Chapleau ON (19 Nov 0220); **YY-340** Mont Joli QC (20 Nov 0228); **YYU-341** Kapuskasing ON (20 Nov 0229); **JA-344** Jacksonville FL (20 Nov 0419); **VU-346** Albemarle NC (20 Nov 0426); **DF-350** Deer Lake NL (20 Nov 0312); **LE-350** Raleigh NC (20 Nov 0421); **YKQ-351** Fort Rupert QC (20 Nov 0231); **CGE-355** Cambridge MD (20 Nov 0423); **PN-360** Port Menier QC (19 Nov 0049); **RNB-363** Millville NJ (19 Nov 1540); **YMW-366** Maniwaki QC (20 Nov 0233); **RJ-378** Roberval QC (20 Nov 0000); **D8-386** Dolbeau QC (20 Nov 0447); **RNW-388** Chocowinity NC (20 Nov 0433); **JT-390** Stephenville NL (19 Nov 0244); **DDP-391** San Juan, Puerto Rico (19 Nov 0051); **ML-392** Charlevoix QC (19 Nov 0052); **NEL-396** Lakehurst NJ (20 Nov 0002); **FO-400** Westhampton Beach NY (19 Nov 0056); **YSL-404** St. Leonard QC (20 Nov 0003); **ZHU-407** Montreal QC (20 Nov 0240); **FR-407** Farmingdale NY (20 Nov 0003); **YTA-409** Pembroke ON (20 Nov 0243); **3U-414** Ottawa ON (20 Nov 0442); **OGY-414** New York NY (20 Nov 0004); **HQT-417** Coats NC (20 Nov 0438); **IZN-432** Lincolnton NC (20 Nov 043).

**Plus these DGPS stations:** #804-286 Sandy Hook NJ (19 Nov 0045); #942-288 Cape Ray NL (19 Nov 0045); #806-289 Driver VA (19 Nov 0045); #799-290 Penobscot ME (19 Nov 0045); #869-290 Louisville KY (19 Nov 0900); #788-291 Hawk Run PA (19 Nov 0045); #778-292 Kensington SC (19 Nov 0045); #803-293 Moriches NY (19 Nov 0045); #771-294 New Bern NC (19 Nov 0045); #843-295 St. Marys WV (19 Nov 0045); #929-296 Saint-Jean-sur-Richelieu QC (19 Nov 0045); #792-297 Bobo MS (19 Nov 0045); #937-298 Hartlen Point NS (18 Nov 2245); #831-298 Upper Keweenaw MI (19 Nov 0045); #866-299 Sallisaw OK (19 Nov 0045); #926-300 Riviere-du-Loup QC (19 Nov 0045); #847-301 Annapolis MD (19 Nov 0045); #824-303 Greensboro NC (19 Nov 0045); #777-304 Mequon WI (19 Nov 0045); #782-305 Dandridge TN (19 Nov 0045); #772-306 Acushnet MA (19 Nov 0045); #834-307 Hagerstown MD (19 Nov 0045); #870-309 Reedy Point DE (19 Nov 0045); #944-310 Cape Norman NL (18 Nov 2245); #859-310 Whitney NE (19 Nov 0045); #935-312 Western Head NS (18 Nov 2245); #827-312 Tampa FL (19 Nov 0045); #925-313 Moisie QC (18 Nov 2245); #874-313 Billings MT (19 Nov 0045); #808-314 Card Sound FL (19 Nov 0045); #800-316 Brunswick ME (19 Nov 0045); #858-317 Hartsville TN (19 Nov 0045); #823-318 Summerfield TX (19 Nov 0045); #818-319 Savannah GA (19 Nov 0045); #865-320 Millers Ferry AL (19 Nov 0045); #862-322 St. Louis MO (19 Nov 0045); #950-323 St. Davids, Bermuda (19 Nov 0900); #844-323 Hudson Falls NY (19 Nov 0045).

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