

January 14, 2012 – Volume 49, Number 18 – Edition 1560 – ISSN 899-9733

**FROM THE EDITOR-IN-CHIEF**

With a new year under way, new plans are being laid for the coming year. Conditions have been excellent this year on my end; some of my local channels have yielded to DX before sunset or at night. We have three of our editors taking vacations this month; John and Nancy spent some time in Arizona, while Fresh is on a cruise. I've been enjoying some unseasonably warm weather the first week of January in St. Louis; it hit 70 degrees on January 6. Now, the cooler weather is sinking in, but there's no snow on the ground, unlike last year. The latest happenings north of the border are in this week's edition, as well as the return of DX Worldwide-East from a holiday break and the Tech column.

**NOMINATIONS FOR THE TED VASILOPOULOS AND RIC HEALD AWARDS**

Nominations Are Open for the TVA and RHA for 2011-2012

**Ted Vasilopoulos Award (TVA)**

Ted Vasilopoulos was a charter member of IRCA who died in 1965, and was known for his high DX standards and contributions to the club. This award in his honor is presented to the IRCA member who has contributed the most to IRCA and the DX hobby during the past several years. The following persons have won the TVA in the last five years and are ineligible this year: Phil Bytheway, Bill Block, Nancy Johnson, Patrick Martin, and Nick Hall-Patch

**Ric Heald Award (RHA)**

Ric Heald was an enthusiastic IRCA volunteer and contributor. In 1995, after his passing, the RHA was created to recognize the IRCA member who most benefited the club in a particularly noteworthy way during the previous year. The following persons have won the RHA in the last three years and are ineligible this year: Eric Bueneman, the late John Bryant, and Gary DeBock.

All nominations, including a brief statement supporting the nomination, should be sent to the folks listed below:

**TVA Nominations:** Phil Bytheway, 9705 Mary Ave NW, Seattle WA 98117-2334. E-mail: phil\_tekno@yahoo.com

**RHA Nominations:** Eric Bueneman, 631 Coachway Lane, Hazelwood MO 63042-1347. E-mail: NOUIHEric@aol.com

All nominations must be received by the above no later than February 1, 2012.

\*\*\*\*\* JUST RELEASED \*\*\*\*\*

\*\*\*\*\* IRCA TIS/HAR LIST (Winter 2011) \*\*\*\*\*

The **IRCA TIS/HAR LIST** lists all US TIS/HAR stations, by frequency, including call letters, state, city, county, licensee, coordinates, expiration date and dates of DXM/DXN reports. It has been updated with FCC data and DXM/DXN reports through November 15 2011.

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

To order from the IRCA Bookstore, send the correct amount (in US funds payable to **Phil Bytheway**) to: **IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117-2334**. Order through PayPal [add \$1.00] to email: **phil\_tekno@yahoo.com**. Please state club affiliation when ordering.

**WINTERFEST 2012**

Your Editor-in-Chief is inviting all IRCA members in the Midwest to Winterfest 2012, sponsored by the St. Louis and Suburban Radio Club. The hamfest will take place on Saturday, January 28 at the Gateway Convention Center in Collinsville, IL (you may use the IL 157 exit of I-55/70 or the Horseshoe Lake Road exit off I-255). Hamfests are generally great places to find good deals on new and used receivers, materials for an antenna project, or other radio-related needs. Information can be found at **www.slsr.org**

**CANADIAN RADIO NEWS**

Dan Sys- sysdan@gmail.com

For December 2011 (January 1 2012 – next update February 1 2012)

**CALL LETTER DATA**

960 ON Mississauga new Will become CKNT

**OFF THE AIR**

1310 AB Saint Paul CHLW Went dark immediately after FM flip to CHSP 97.7 without utilizing authorized 90 day simulcast period

**AM TO FM CONVERSIONS GRANTED**

860 BC Field CBRD Move to 97.1 with 9 watts

I attempt to be as accurate as possible with this information. I visit many websites and message boards on a daily basis seeking the latest in Canadian radio news to report in this column. I trust this information to be worthy; however I can't be in all these places to confirm everything. If inaccurate information is reported I do apologize.

**BROADCASTING INFORMATION**

Lee J Freshwater – 414 SE 3rd St – Ocala FL 34471

Email: EDXR-at-AMLOGBOOK-dot-COM

**CALL CHANGES**

FREQ	CALL	CITY	NEW CALL
890	KDJQ	Meridian, ID	KYWN
910	KNEW	Oakland, CA	KKSF
960	KKGN	Oakland, CA	KNEW
1210	WSKR	Denham Springs, LA	WLRO
1270	WEIC	Charleston, IL	WRJM
1530	WMBE	New Holstein, WI	WLWB

**FORMAT CHANGES**

FREQ	CALL	CITY	OLD INFO	NEW INFO
540	WASG	Daphne, AL	Silent	Religion
560	WXBT	Columbia, SC	News Talk	Sports - FOX
570	KVI	Seattle, WA	Oldies	Talk
580	WBIL	Tuskegee, AL	Urban AC	Black Gospel
690	WIST	New Orleans, LA	Fox Sports	Yahoo Sports
1030	WGSF	Memphis, TN	Silent	Regional Mexican
1040	WLVJ	Boynton Beach, FL	Religion	Spanish News Talk
1210	WLRO	Dunham Springs, LA	Sports	Black Gospel
1230	WJUL	Hiawasse, GA	Silent	Talk
1240	WCEM	Cambridge, MD	Sports	Adult Standards
1340	WMBN	Petoskey, MI	A. Standards	Sports - Fox
1400	WCOS	Columbia, SC	Sports	Black Gospel
1410	WRJD	Durham, NC	Silent	Spanish Cont. Christian
	CKSL	London, ON	Oldies	Comedy
1440	WBLA	Elizabethtown, NC	Black Gospel	Reported Silent
1510	KRDH	Canton, TX	Country	Reported Silent
1530	WMBE	New Holstein, WI	Classic Country	Reported Silent
1580	WVVO	Columbus, OH	Religion	Talk
1600	KEPN	Lakewood, CO	Sports - ESPN	Sports - FOX

**SLOGAN / IMAGE UPDATE**

560	WXBT	Columbia, SC	"560 The Team"
570	KVI	Seattle, WA	"Smart Talk 570"
690	WIST	New Orleans, LA	"Sports Talk 690/104.9"
910	KNEW	Oakland, CA	"San Francisco's Talk 910 KKSF"
960	KKGN	Oakland, CA	"960 AM KNEW"
970	WYSE	Canton, NC	"ESPN Radio 1310 & 970"
1030	WGSF	Memphis, TN	"Radio Ambiente"
1040	WLVJ	Boynton Beach, FL	"Actualidad 1020"
1210	WLRO	Dunham Springs, LA	"Hallelujah 1210"
1240	WCEM	Cambridge, MD	"Radio 1240 WCEM"
1310	WISE	Asheville, NC	"ESPN Radio 1310 & 970"
1340	WMBN	Petoskey, MI	"The Ticket"
1410	CKSL	London, ON	"Funny 1410"

LISTINGS COURTESY OF [THERADIOJOURNAL.COM](http://THERADIOJOURNAL.COM), [10000WATTS.COM](http://10000WATTS.COM), [F.C.C. DAILY DIGEST, AMLOGBOOK dot COM](http://F.C.C. DAILY DIGEST, AMLOGBOOK dot COM)

**INDIVIDUAL MEMBER AND CONTRIBUTOR LISTINGS:**

**FROM: PENNLIVE DOT COM : Electrical fire knocks Carlisle-area radio station WIOO off the air**  
**Carlisle-area** radio station **WIOO** was knocked off the air indefinitely Monday by an electrical fire that heavily damaged its studio and offices. But like the heroes of many of the country tunes it celebrates, station owners and staffers said Monday night that while they might be down, they are most definitely not out. No one was in the 180 York Road building when the blaze — believed to have started in wiring in a first-floor ceiling — broke out. There were no injuries. But fans of Patsy Cline, Johnny Cash, Loretta Lynn and a variety of other country superstars with heavy rotation in the station's "Country Gold" format will experience an aural gap on their radio dial. Temporarily, at least. Co-owner Eric Swidler said he and his father, station founder Harold Swidler, plan to get WIOO back on the air as soon as possible. "We believe we are part of the community fiber here," Eric Swidler said. "We provide entertainment, local information, community bulletins and weather to a tremendous local following, and we want to restore our operation to the way it was. "It's not going to be easy, but we're going to do our very best." Craig Senior, the station's morning disc jockey and news director, said the recovery will occur in stages. First, he said the station must find a temporary home for its studios, determine how much of the existing equipment needs to be replaced and then tie it all back in with the off-site transmitters, which were not affected by the blaze. As one example, Senior said that station personnel don't know how much of the digitized music library was destroyed, though it appears much of the station's compact disc and record library has survived. "We're trying to figure out what we need to get something up and running, and then what we need to get it right," Senior said. He said the niche station does about 60 hours per week of locally originated programming. In the short term, Senior said, WIOO might try to do limited broadcasts from its transmitter site, but that likely would not be today. The blaze was reported shortly after 1:30 p.m. Monday by passers-by, according to John Bruetsch, a spokesman for Cumberland County Emergency Management Agency. Bruetsch said firefighters arrived to find smoke and flames visible from the outside of the old farmhouse, located just east of the Carlisle Borough line in South Middleton Twp. Crews had the fire under control within about 15 minutes, Bruetsch said, but not before the building's first-floor sustained heavy fire damage and the second-floor — home to the broadcast operations — took heavy heat and smoke damage. The building might be a total loss, Senior said. Bruetsch said about 60 firefighters responded, including volunteers from Carlisle's Union Fire Company, Carlisle Fire & Rescue Services, and the Citizens, Monroe Twp. and North Middleton Twp. fire companies. Owned by the Swidler family since hitting the air in 1965, WIOO-AM was historically a dawn-to-dusk station that went off the air each evening. Originally a Top 40 station, WIOO's niche more recently has been traditional country music featuring top country and western hits from the 1950s through the '90s. The station launched an FM translator broadcast in 2009, giving it a nighttime presence after the AM station leaves the air. The Swidlers said at the time they wanted to reach the wider audience that tunes in to the FM band without abandoning WIOO's established AM audience. The expansion also allowed the tiny station to broaden its offerings, including evening political talk and high school football games on Friday nights. Senior said WIOO employs, not including the owners, five full- or nearly full-time employees and several part-timers. Until today, the station's simulcast signals could be heard at 1000 AM and 97.9 FM in Carlisle and 1480 AM and 93.9 FM in the Shippensburg/Chambersburg area

**FROM : WORTHINGTON DAILY GLOBE KWOA-730 drops network talk for Nostalgia** Big changes are coming to the region's airwaves within the next few days. Radio Works, owned in part by Chad Cummings of Brewster and John Daniels of Sioux City, Iowa, as well as Ted Mahn of Hot Springs, Ark., and Cy Chesterman of Sioux City, will officially complete its acquisition of Three Eagles Worthington on Jan. 1. Three Eagles currently includes KWOA's AM and FM stations, as well as KITN-FM; Radio Works currently operates KUSQ-FM. "We have big plans for all four stations," Cummings said last week. "The first week of January is our target to introduce our formats on the four radio stations." KUSQ, now known as US 104, will move down the FM dial to 95.1. "KUSQ is currently a 6,000-watt station and the move to 95.1 will make it a 100,000-watt station," Daniels said. "It's a greatly increased coverage area, and greater penetration." KITN-FM, located at 93.5 on the dial, will see a rock format that varies from the current classic-rock music currently heard in Worthington. "We'll be playing new classics — from very select '70s rock to lots of '80s rock and early '90s and grunge," Cummings said. "We'll call it ROCKIT FM." "I grew up on Rolling Stones, Led Zeppelin and The Doors, but I'm at a point now where just like something a little less extreme, or even a little NPR," Daniels said. "That's what we really do with our stations — to have variety both in music and in the age groups listening to us." The current home of KUSQ, 104.3 FM, will become home to a format that, according to Cummings, has yet to exist in the Worthington region. Call letters have yet to be announced. "We're also going to offer the younger and female demographic a station that we've never had here," he said. "It will be contemporary hits radio. ... We're calling it 'The Party,' and it will be a little more aggressive with current music." KWOA-AM, located at 730, has been around since 1947, Cummings said, and has a range that can allow a listener to clearly hear the station as far as 200 miles from Worthington during daytime

hours. "It's a huge pioneer station," Cummings said of KWOA-AM. "We plan to continue the core of it with local programming, local news, sports, farm and weather in the morning. Then, in the afternoons and evenings through the overnight, we'll offer a nostalgia format. It will be 'music of your life' — the music of Tony Bennett, Frank Sinatra, Perry Como, Andy Williams... It's for a generation that has not been served by any station here." The KWOA-FM call letters will be dropped, Cummings said. He also said all operations for Radio Works will begin a transition from the current downtown Worthington location to the Three Eagles location on Nobles County 35. Besides offering a variety of listening options, the four Radio Works stations will become entrenched in the communities they serve, Daniels said. "Since we've been here with US104, we've made it a point to be involved with what our community does, and tell everyone what's going on in the community," Daniels said. "With this expansion, it gives an opportunity for further involvement — and it's more than Worthington." "We have employees who live in Rock Rapids, Iowa, Rushmore, Brewster, Heron Lake, Luverne, Adrian. ... We're going to be an active part of the whole area," Cummings added. A local-first philosophy currently drives US104, Cummings said, and that will continue with the three additional radio stations. "Instead of one outlet we'll have four, and that's exciting," Daniels said. "I've come to meet and get to know a number of local businesspeople here, and it's fun for Chad and me both to do radio like we believe radio should be done." "We're just playing radio," chimed in Cummings, smiling.

**FROM : PETOSKEY NEWS DOT COM Petoskey radio station changes format** Petoskey-based radio station WMBN (1340 AM) switched Monday to a new 24-hour-a-day sports format, "The Ticket." WMBN, owned by MacDonald Garber Broadcasting, previously had used an adult standards musical format for many years. Bill Michaels, corporate director of programming for MacDonald Garber, said the previous format, known as "Michigan's Beautiful North," was proving unprofitable, and the company anticipates that a sports format appealing to males ages 25-54 will have greater income potential. "We liked the station the way it was, but unfortunately in these tough economic times, we're forced to make some difficult decisions," Michaels said. Under its new format, WMBN will be an affiliate of Fox Sports, featuring such radio personalities as Dan Patrick and Jim Rome. It also will feature local content, including a daily morning show hosted by Tom Devitt. Other local contributors will include Vic McCarty, who has previously been a sportscaster for 9 & 10 News and TV 7 & 4, former Michigan Wolverine and Detroit Lion Jon Jansen, former Petoskey High School and Kent State basketball standout Trevor Huffman and two-time Michigan amateur golf champion Joey Garber.

**FROM : WAFB DOT COM BATON ROUGE, LA (WAFB) - Sports radio personalities lose shows** Just one week before LSU tries for the National Championship, many of Baton Rouge's most recognized sports radio personalities have lost their voices. Radio station 1210 AM "The Score" switched formats Sunday from Sports to Gospel. The station is owned by Clear Channel Communications. Former show host Buddy Sony told 9News he got a call around 10:30 Sunday morning notifying him of the switch. He said rumors of a change had been swirling in recent weeks, but the timing of the change caught everyone off guard. Jordy Hultberg, Jimmy Ott, Tommy Krysan and Richard Condin also had popular shows on The Score. Long-time radio personalities Clarence Buggs and Scott Innes lost their Clear Channel positions last October.

**Contributors:**

**Dale Park, HI**

1/07/11 1000 73's. fresh

**WESTERN DX ROUNDUP**  
**Nancy Johnson – 265 Waterton Way – Billings MT 59102-7755**  
**E-mail: [NancyJohnson@prodigy.net](mailto:NancyJohnson@prodigy.net)**

**WDXR DEADLINES:** Jan. 20, Jan. 27, Feb. 3, Feb. 10, Feb. 24, March 9. Please use Eastern Time.

**REPORTERS FOR THIS ISSUE:**

- (RB) **Rick Barton**-El Mirage, AZ [desertmoon\\_dxshack@inbox.com](mailto:desertmoon_dxshack@inbox.com)  
Hammarlund HQ-120X, Hallicrafters S-77A, Panasonic RF-2200, inverted "L," Slinky, Palomar (MW) loop
- (AB) **Art Blair**-730 SW 3<sup>rd</sup> St.-Fruitland, ID 83619 [artblair1937@gmail.com](mailto:artblair1937@gmail.com)  
NRD-515, Kiwa loop
- (BB) **Bill Block**-7716 E. Thelma Drive-Prescott Valley, AZ 86314 [billwblock@msn.com](mailto:billwblock@msn.com)  
Drake R8
- (GH) **Glen Hansen**-64985 Olson Rd.-Deer Island, OR 97054 [gbhansen2@q.com](mailto:gbhansen2@q.com)  
Drake R8B, R-390A, TMC GPR-90, R-388, Hammarlund SP-600, 800' wire E/W, 300' S/W, 950' Beverage NE, Kiwa loop
- (MS) **Mike Sanburn**-P.O. Box 1256-Bellflower, CA [mikesanburn@hotmail.com](mailto:mikesanburn@hotmail.com)  
Ford RX

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 600 KOGO **CA**, San Diego 12/10 2340 talk program, very scratchy and barely above KGEZ on Hammarlund with E/W wire. Long time no hear. (GH-OR)

- KGEZ MT, Kalispell 12/3 1620 oldies and male with ID. Really weak and barely above the noise on Hammarlund with S/W wire. (GH-OR)
- 610 KRTA OR, Medford 12/16 2335 suddenly up out of the mix with ID and Spanish vocal music, using Collins 5151 and S/W wire. New! (GH-OR)
- 790 KJRB WA, Spokane 1/3 2201 religious news, fair mixing with KGMI. (AB-ID)
- 980 KSVK UT, Richfield 1/5 0840 local spots, "off I-70 in Richfield." Was checking for KFVB, which wasn't in the background at all. (RB-AZ)
- 1020 KANN UT, Roy 1/5 1103 conclusion of newscast of SRN news, to music. (RB-AZ)
- 1050 KTCT CA, San Mateo 1/4 at 0900 with "KNBR 1050 and KTCT San Mateo." (BB-AZ)
- 1130 KWKH LA, Shreveport 1/4 2400 Elvis hit just before TOH, ID by male on the hour "The Home of the Legends, KWKH," straight into Orbison song (Pretty Woman). Fair with no interference. (RB-AZ)
- 1140 KNWQ CA, Palm Springs 1/5 0955 female with community calendar, strong. (RB-AZ)
- 1210 KGYN OK, Guymon 12/30 1852 ad block, KGYN ID at 1853. Poor, QRN from local t-storm. (AB-ID)
- KUNF UT, St. George 1/6 0603 ID, ESPN Sports and "ESPN.com," "Sports Radio 12-10, KUNF." Heard on loop null of KGYN Guymon, OK which is often very strong. (RB-AZ)
- 1230 KXO CA, El Centro 1/3 2059 with "KXO 1230 El Centro." (BB-AZ)
- KCUP OR, Toledo 11/25 news and "K-CUP" ID. Really weak, barely dominating the pack for a moment on TMC with E/W wire. First time heard from home! (GH-OR)
- 1330 KOVE WY, Lander 12/31 1932 ad and KOVE ID, weak. (AB-ID)
- 1340 KPRK MT, Livingston 1/1 2000 KPRK ID. (AB-ID)
- KBNW OR, Bend 1/1 1948 "1340 KBNW" ID. (AB-ID)
- KWOR WY, Worland 1/2 0702 KWOR ID. (AB-ID)
- 1350 KRNT IA, Des Moines 12/25 0030 Christmas music, male gave ID. In & out of the mix and weak on TMC with E/W wire. New! (GH-OR)
- KRLC WA/ID, Clarkston-Lewiston 1/2 0680 KRLC ID. (AB-ID)
- 1390 KJOX WA, Yakima 12/18 1850 Sports Scoreboard show, really weak & choppy on Drake with Kiwa loop. Long time no hear. (GH-OR)
- 1400 KRVC AZ, Springerville 1/2 0800 "Your home for news and sports 1400 KRVC." (BB-AZ)
- 1510 KCKK CO, Littleton 12/30 1936 "Mile High Sports," ad block followed. New. (AB-ID)
- 1540 KXPA WA, Bellevue 12/2 0100 Spanish vocal music and male with ID in English. Fair signal and alone on Drake with Kiwa loop. (GH-OR)
- 1640 KDIA CA, Vallejo 1/4 1020 alone on freq., very good, with break from talk show to solid legal ID at BOH. (RB-AZ)
- 1680 KGED CA, Fresno 1/4 2100 religious program to break, legal ID, "SRN News," much more solid reception than usual, alone on the channel at this logging (RB-AZ)

#### DX TEST

- 1540 (WKVQ) GA, Eatonton 12/31 0200-0230 DX test tried, not heard. KMPC & XEHOS coming in too strong here. (MS-CA)

A "thank you" goes to our WDXR reporters this week! Nancy 1/6 2100

### CENTRAL DX ROUNDUP

**John C Johnson – 265 Waterton Way – Billings MT 59102-7755**  
**E-mail: John\_Johnson@prodigy.net CDXR reports ONLY: cdxr@ircaonline.org**

#### RIDING GAIN

- [TMJ-IL] **Tom Jasinski**, Shorewood, IL **amdxe@core.com**  
 Drake R8A and Quantum Loop V2.0
- [POB-IN] **Pat O'Brien**, Pekin, IN **obie47165@yahoo.com**  
 Eton S350DL, Grundig indoor loop

#### DOWN THE DIAL

- 550 KTSA TX, San Antonio. 12-26 good. 04:27 with Christmas music. [POB-IN]
- 620 WKHB PA, Irwin. 12-25 good briefly in WTMJ null along with WRJZ. 06:59 out of a Public Affairs program from the Lincoln Broadcast Center in Harrisburg with mention of Tri-State area, "6-20 KHB" slogan and also a mention of "7-70 KFB" followed by a weather report from the KHB Weather Center. First time heard. [TMJ-IL]
- 1230 WTCJ IN, Tell City. 12-29 fair. 01:10 with Michigan vs. Indiana basketball PBP. [POB-IN]
- 1390 WTJS TN, Jackson. 12-29 poor. 04:35 with spots, Dennis Miller Show. [POB-IN]
- 1520 KOKC OK, Oklahoma City. 12-28 poor. 04:43 with spots, faded out. [POB-IN]
- WWKB NY, Buffalo. 12-28 fair. 04:40 spots, promo Randy Rhodes afternoon show. [POB-IN]

- 1590 WAKR OH, Akron. 12-29 poor. 01:08 with basketball PBP, faded. [POB-IN]

#### DX Test

- 1540 WKVQ GA, Eatonton. 12-31 fair in partial KXEL null. 02:25 during scheduled DX Test heard Morse Code call letters, sweep tones, siren tones, more code. Unneeded as previously heard during DX Test last March. [TMJ-IL]

#### unID

- 560 unID 12-30 01:14 unID station playing oldies. [POB-IN]

#### 25 YEARS AGO

January 17, 1987 issue of IRCA's "DX Monitor" ... **Steve Mittman** of San Pedro, CA commented on KOB 770 changing to KKOB ... **John C. Johnson** of Billings, MT mentioned he had added 75 new stations in 1986 thanks to tips in "DX Monitor" ... **Dale Park** of Honolulu, HI thanked those who had contributed to his "Sports Centre" column.

#### OPEN MIKE

2012 is here. This column was typed 1/7/12. 73, John

### EASTERN DX ROUNDUP

**Lee J Freshwater – 414 SE 3rd St – Ocala FL 34471**  
**E-mail: EDXR-at-AMLOGBOOK-dot-COM**

Deadlines: Saturdays 8 AM!!

- |          |                    |                                                                                                    |
|----------|--------------------|----------------------------------------------------------------------------------------------------|
|          |                    | <b>STARS OF THE WEEK</b>                                                                           |
| (KK-VA)  | Kraig Krist        | Manassas, VA.<br>Winradio G33DDC SDR rx with homemade 134 foot multiband antenna running NW to SE. |
| (IEN-GA) | Ira Elbert New III | Watkinsville, GA<br>Sangean ATS 909 & Select Antenna                                               |

#### LOGGINGS

- 1550 VA WKBA Vinton 1/2 1625-1905 Mixing with WMRE and WDLR. WKBA with singing. 1700 "... 15-50 AM WKBA... and 13-90 AM... Lynchburg. We are the ministry station." (KK-VA)
- 1570 LA WABL Amite 1/2 1625-1905 Mixing with WNST, WNDA, WHTX, WNCA and music. 1630 "You're listening to news talk 15-70 WABL". (KK-VA)
- OH WHTX Warren 1/2 1625-1905 Mixing with WAAM, WKXX, WNDA, WABL, WNCA and music. 1834 "...CBS radio news at the top of every hour. All day. Or, listen instantly online at fabulous 1570 WHTX dot com. It's Warren Youngtown's original hits and local news powered by the Tribune Chronicle. And now CBS radio news..." WHTX jingle. (KK-VA)
- 1580 OH WVKO Columbus 1/2 1625-1905 Mixing with WHFS and CKDO. 1659 "WVKO Columbus... listener supports St. Gabriel Catholic radio." (KK-VA)
- 1600 WV WZZW Milton 1/2 1625-1905 Mixing with WAAM, WKXX, singing, Spanish, preaching and Chinese singing. 1656 "Tom Broden weekday morning 6 till 9. News talk 8 hundred and 16 hundred WVHU". (KK-VA)
- MI WAAM Ann Arbor 1/2 1625-1905 Mixing with WZZW, WKXX, singing, Spanish, preaching and Chinese singing. 1855 "The Michael Savage show on WAAM (said as the word "wham") talk 16 hundred.". (KK-VA)

#### DX TESTS

- 1540 GA WKVQ Eatonton 12/31 0200-0300 Mixing with KXEL and a station with China Radio International. WKVQ DX test with Christmas music, WKVQ in morse code and sweep tones. (IEN-GA)
- GA WKVQ Eatonton 12/31 0225 Christmas music, including Winter Wonderland and God Rest Ye Merry Gentlemen, sweep tones, Morse Code, and an announcer. Weak, but steady signal above a choppy mix of stations, most notably, CHIN, Toronto. "This is WKVQ, 1540, Eatonton, Georgia". (KK-VA)

Thanks to Kraig and Ira this week. Please note that the next hard copy DXM will be a few days late, as we will be on our annual cruise Jan-15-21. I will not be doing EDXR or the info column for issue 19. fresh 1/7 0800





## DX WORLDWIDE – WEST / TROPICAL BAND DX

Patrick Martin – PO Box 843 – Seaside OR 97138

E-mail: mwdxer@webtv.net

all times UTC

### TRANS PACIFIC DX ROUNDUP

- 153 **RUSSIA**, R Rossii. 1434 1/6/12. Weak signal with music and talk. (DV-WA)  
189 **RUSSIA**, R Rossii. 1435 1/6/12. Weak signal with woman in RR. Best signal on SW ewe. (DV-WA)  
279 **RUSSIA**, R Rossii. 1436 1/6. Weak signal with utility QRM. Best on Sky wire loop. (DV-WA)  
594 **JAPAN**, Tokyo, JOAK, NHK1. 1516 1/6/12. Weak to fair signal. Man in JJ. (DV-WA)  
648 **RUSSIA**. 1512-1515 1/6/12. Fair signal at times. PALS lists Korean. (DV-WA)  
657 **DPR KOREA**. 1530 1/6/12. Poor signal with music. (DV-WA)  
666 **JAPAN**, Osaka, JOBK, NHK1. 1521 1/6/12. Mostly weak signal with splatter. Man in JJ. (DV-WA)  
774 **JAPAN**, Akita, JOUB, NHK2. 1508 1/6/12. S-9+20 carrier, but not audio? 1523 carrier, still no audio. (DV-WA) (After s/off? PM)  
828 **JAPAN**, Osaka, JOBB, NHK2. 1507 1/6/12. Poor signal at best. 1524 carrier and no audio. (DV-WA)  
1566 **REP KOREA**, Cheju, HLAZ. 1640-1646 1/6/12. Weak audio at 1645 with music. High Performance active whip. Weak audio at 1505. 1525 good signal with CC. (DV-WA)  
1575 **THAILAND**, VOA. 1506 1/6/12. Poor signal. (DV-WA)

### TROPICAL BAND DX ROUNDUP

- 2310 **AUSTRALIA**, Alice Springs, VL8A. 1449-1451 1/6/12. Weak signal with woman and man talking. (DV-WA)  
2325 **AUSTRALIA**, Tennant Creek. 1423 1/6. Weak to fair at times with above program. (DV-WA)  
2350 **DPR KOREA**, (KCBS). 1455 1/6/12. Very weak signal. (DV-WA)  
2485 **AUSTRALIA**, Katherine, VL8K. 1458 1/6/12. Fair signal with announcer asking man trivia questions. (DV-WA)  
2850 **DPR KOREA**. 1500 1/6/12. Threshold audio, notice lately huge drop in signal here. Past seasons signal would be S-9 plus. (DV-WA)  
3250 **HONDURAS**, R Luz y Vida. 1130 1/6. Religious pgm in SS, poor, choppy. (RB-AZ)  
3320 **DPR KOREA**. 1504 1/6/12. Good carrier, no audio. (DV-WA)  
3350 **COSTA RICA**, R Exterior de Espana. 0600 1/6. Woman in SS before the hour, music, to IDs by man and woman, pips, familiar REE interval signal, to long open carrier and off. I'd forgotten this one runs only to 0600, and not 0700, so it was right on sked. (RB-AZ)  
5025 **CUBA**, R Rebelde. 1225 1/6. Man and woman co-hosts, morning program. Very good. (RB-AZ)

### THANKS TO THESE REPORTERS

- RB-AZ **RICK BARTON**, El Mirage, AZ  
Hammarlund HQ-200, Outdoor Slinky  
DV-WA **DENNIS VROOM**, Kalama WA  
DXing with JRC NRD 545, Sky wire loop 753', Long-wire 225'. 50' SW EWE

## DX WORLDWIDE – EAST

Vincent Ferme

E-mail: dxista@yahoo.ca

all times UTC

### \*\*\* TRANS-ATLANTIC LOGS \*\*\*

- 153 **GERMANY** Deutschlandfunk, Donebach, DEC 1 0401 - German news by man at low audio level. [Connelly\*Y-MA]  
162 **FRANCE** France-Inter, Allouis, DEC 1 0401 - French newstalk by man & woman, mention of economic committee; loud. [Connelly\*Y-MA]  
171 **MOROCCO** R. Mediterranee Internationale, Nador, DEC 7 2359 - song "How Do I Live"; fair. [Connelly\*Y-MA]  
183 **GERMANY** Europe No. 1, Felsberg, DEC 1 0359 - man & woman with French news and sports talk; good. [Connelly\*Y-MA]  
189 **ICELAND** Ríkisutvarpid, Gufuskalar, DEC 1 0400 - two men in Icelandic; fair to good. [Connelly\*Y-MA]  
198 **UNITED KINGDOM** BBC R.4, Droitwich et al., DEC 1 0400 - woman "Sunday at 11 a.m. and

10 p.m. on BBC World Service", man "It's 4 o'clock GMT. This is The World Today."; fair.

[Connelly\*Y-MA]

- 207 **GERMANY** Deutschlandfunk, Aholming, DEC 8 0001 - German news by woman; fair on USB. [Connelly\*Y-MA]  
216 **FRANCE** Radio Monte Carlo, Roumoules, DEC 1 0401 - woman in French mentioned Nicolas Sarkozy; good. [Connelly\*Y-MA]  
225 **POLAND** Polskie Radio, Konstantynow, DEC 1 0400 - man in Polish, pips, fanfare music; good. [Connelly\*Y-MA]  
234 **LUXEMBOURG** RTL, Junglinster, DEC 7 2200 - man & woman in French; fair. [Connelly\*Y-MA]  
252 **ALGERIA** Radiodif. Algerienne, Tipaza, DEC 1 0358 - Koranic chant; over Ireland. [Connelly\*Y-MA]  
252 **IRELAND** RTE R.1, Clarkestown, DEC 7 2201 - news about government, economy; poor to fair. [Connelly\*Y-MA]  
531 **ALGERIA** Chaîne 1, F'kirina Wilaya d'Oum El Bouaghi, DEC 7 2204 - Arabic news by man & woman; fair (about 10 dB weaker than // 549). [Connelly\*Y-MA]  
531 **ALGERIA** Chaîne 1, F'kirina Wilaya d'Oum El Bouaghi, DEC 14 2130 - // 549 with man & woman in Arabic; over others. [Connelly\*E-MA]  
549 **ALGERIA** Alger Chaîne 1, Les Trembles, DEC 7 2128 - Arabic vocal, orchestra. [Connelly\*Y-MA]  
549 **ALGERIA** Alger Chaîne 1, Les Trembles, DEC 14 2130 - // 531 with man & woman in Arabic. 531 was actually better at the time (unusual). [Connelly\*E-MA]  
576 **CANARY ISLANDS** // SPAIN RNE R.5 synchros, DEC 14 2159 - talk // 774; poor. [Connelly\*E-MA]  
585 **SPAIN** RNE R.1, Madrid, DEC 14 2201 - woman with news in Spanish // 774; in bad WEZE slop. [Connelly\*E-MA]  
603 **FRANCE** France Info, Lyon-Tramoyes, DEC 7 2200 - woman in French, France Info fanfare music; fair over presumed Spain. [Connelly\*Y-MA]  
603 **SPAIN** RNE R.5 synchros, DEC 14 2130 - dominant with man in Spanish. [Connelly\*E-MA]  
612 **MOROCCO** RTM A, Sebaa-Aioun, DEC 1 0358 - female Arabic vocal; fair. [Connelly\*Y-MA]  
612 **MOROCCO** RTM A, Sebaa-Aioun, DEC 14 2130 - woman with talk, teletalk; poor. [Connelly\*E-MA]  
639 **SPAIN** RNE R.1, La Coruna et al., DEC 14 2159 - Spanish talk; in CBN slop. [Connelly\*E-MA]  
657 **SPAIN** RNE R.5, Madrid, DEC 14 2130 - man in Spanish // 603; fair. [Connelly\*E-MA]  
684 **SPAIN** RNE R.1, Sevilla, DEC 14 2130 - man in Spanish // 603; good. [Connelly\*E-MA]  
693 **UNITED KINGDOM** BBC R. 5, Droitwich et al., DEC 7 2208 - sporting event coverage; to fair peak. + DEC 8 0000 - BBC Radio Five Live ID, news by woman mentioned talks between President Obama and Angela Merkel to seek a long-term solution to the European debt crisis. [Connelly\*Y-MA]  
693 **UNITED KINGDOM** BBC R. 5, Droitwich et al., DEC 14 2201 - talk about a Christmas special featuring a philharmonic orchestra; fair. [Connelly\*E-MA]  
702 **FRANCE (MONACO)** RMC-Info, Le Col de la Madonne, DEC 14 2100 - pips, woman in French; poor. [Connelly\*E-MA]  
711 **FRANCE** France Info, Rennes, DEC 7 2100 - loud with French talk, France Info fanfare music. [Connelly\*Y-MA]  
711 **FRANCE** France Info, Rennes, DEC 14 2159 - woman in French; fair. [Connelly\*E-MA]  
756 **GERMANY** Deutschlandfunk, Braunschweig & Ravensburg, DEC 14 2131 - German talk by man; now over Spain. [Connelly\*E-MA]  
756 **SPAIN** R. Euskadi, Bilbao, DEC 14 2130 - pips on half-hour, man in Spanish; briefly over Germany. [Connelly\*E-MA]  
774 **SPAIN** RNE R.1 synchros, DEC 14 2101 - news by man in Spanish; fair. [Connelly\*E-MA]  
783 **MAURITANIA** R. Mauritanie, Nouakchott, DEC 7 0000 - // 7245 with talk by man. [Connelly\*Y-MA]  
783 **MAURITANIA** R. Mauritanie, Nouakchott, DEC 14 2100 - tribal music with drumming; good. + DEC 14 2130 - reverberated Arabic political talk by man; loud. [Connelly\*E-MA]  
792 **FRANCE** France Info, Limoges, DEC 8 0001 - French newstalk by man; over slop. [Connelly\*Y-MA]  
810 **SPAIN** SER, Madrid, DEC 14 2100 - pips, news in Spanish; mixed with WG.Y. [Connelly\*E-MA]  
837 **CANARY ISLANDS** // SPAIN COPE synchros, DEC 7 2159 - fast Spanish talk. [Connelly\*Y-MA]  
837 **CANARY ISLANDS** // SPAIN COPE synchros, DEC 14 2130 - man with Spanish newstalk; good / dominant. [Connelly\*E-MA]  
837 **FRANCE** France Info, Nancy, DEC 14 2100 - France Info fanfare music, then French talk by

man and then by woman; fair. [Connelly\*E-MA]

855 **SPAIN** RNE R.1 synchros, DEC 8 0000 - fanfare music, man "Radio Nacional de Espana .. informativos"; woman with news; fair. [Connelly\*Y-MA]

855 **SPAIN** RNE R.1 synchros, DEC 14 2130 - talk by two men // 657; good. [Connelly\*E-MA]

864 **FRANCE** France Bleu, Villebon-sur-Yvette, DEC 7 2119 - showtune / jazz female vocal with piano; fair. [Connelly\*Y-MA]

864 **FRANCE** France Bleu, Villebon-sur-Yvette, DEC 14 2101 - man in French; over IBOC hash. + DEC 14 2130 - jingle, woman in French; fair. [Connelly\*E-MA]

891 **unID** ?, DEC 14 2131 - strong blank (or barely-modulated) carrier .. Algeria? [Connelly\*E-MA]

909 **UNITED KINGDOM** BBC R.5 synchros, DEC 7 2101 - // 693 with sport-related talk with two men; good. [Connelly\*Y-MA]

909 **UNITED KINGDOM** BBC R.5 synchros, DEC 14 2129 - man talking about South Africa, apartheid, Muhammad Ali, '60s activism; to good peak. [Connelly\*E-MA]

918 **SPAIN** R. Intercontinental, Madrid, DEC 14 2131 - fast Spanish talk by man; over others. [Connelly\*E-MA]

927 **BELGIUM** VRT Radio Een, Wolveterm, DEC 14 2159 - "I Want Candy" (Bow Wow Wow, '80s hit version), then man in Dutch or Flemish; to fair peak. [Connelly\*E-MA]

945 **FRANCE** France Info, Toulouse, DEC 7 2200 - France Info fanfare music, news by man & woman in French; good. [Connelly\*Y-MA]

945 **FRANCE** France Info, Toulouse, DEC 14 2101 - // 837 with man & woman in French; through WROL slop. + DEC 14 2200 - France Info fanfare music, man in French; good. [Connelly\*E-MA]

963 **FINLAND** Radio 86, Pori, DEC 14 2200 - pips, man in German mentioned Beijing, then light pop Chinese-sounding female vocal with guitar accompaniment; good. [Connelly\*E-MA]

981 **ALGERIA** RTVA Chaîne 2, Algiers, DEC 14 2100 - Arabic music, pips, man then woman in French; fair. [Connelly\*E-MA]

999 **SPAIN** COPE synchros, DEC 14 2100 - pips, emphasis music, woman "en la cadena COPE", news by man in Spanish; over suspected Moldova. [Connelly\*E-MA]

1026 **SPAIN** SER synchros, DEC 14 2159 - man & woman in Spanish; fair. [Connelly\*E-MA]

1035 **PORTUGAL** R. Clube, Belmonte, DEC 14 2201 - female version of Hank Williams' "Jambalaya"; to good peak over WBZ slop. [Connelly\*E-MA]

1053 **UNITED KINGDOM** TalkSport synchros, DEC 8 0000 - TalkSport ID; over others. [Connelly\*Y-MA]

1053 **UNITED KINGDOM** TalkSport synchros, DEC 14 2130 - promo for something "tomorrow on TalkSport"; over others. [Connelly\*E-MA]

1080 **SPAIN** SER synchros, DEC 14 2130 - // 1116 with bits of Spanish talk, pips on half-hour; under WTIC. [Connelly\*E-MA]

1089 **UNITED KINGDOM** TalkSport synchros, DEC 14 2130 - TalkSport ID // 1053. + DEC 14 2200 - talk about a horse racing scandal, jockeys intentionally losing races. [Connelly\*E-MA]

1098 **SPAIN** RNE R.5 synchros, DEC 14 2130 - talk // 855 et al. [Connelly\*E-MA]

1107 **SPAIN** RNE R.5 synchros, DEC 14 2057 - echoey Spanish talk by two men, telco fidelity audio; over rumble. [Connelly\*E-MA]

1116 **SPAIN** SER synchros, DEC 14 2130 - // 1080 with man in Spanish, pips on half-hour. [Connelly\*E-MA]

1125 **SPAIN** RNE R.5 synchros, DEC 14 2059 - very echoey Spanish talk; poor. + DEC 14 2130 - // 1107 with two men in Spanish, slight echo. [Connelly\*E-MA]

1134 **CROATIA** Glas Hrvatske, Zadar, DEC 14 2130 - woman in Croatian; slightly over Spain. [Connelly\*E-MA]

1134 **SPAIN** COPE synchros, DEC 14 2131 - man in Spanish; a bit under Croatia. + DEC 14 2200 - news // 837; fair. [Connelly\*E-MA]

1179 **CANARY ISLANDS** // SPAIN SER synchros, DEC 14 2130 - // 1116 with man in Spanish, pips on half-hour; mixed with second station that sounded a bit like Portuguese (but was probably Romanian). [Connelly\*E-MA]

1188 **IRAN** R.Payam, Tehran, DEC 14 2129 - Mideast music. + DEC 14 2200 - distinctive 3-note intro signal, news by man; to fair peak. [Connelly\*E-MA]

1206 **FRANCE** France Info, Bordeaux, DEC 7 2126 - // 711 with woman in French; through WKOX slop. [Connelly\*Y-MA]

1206 **FRANCE** France Info, Bordeaux, DEC 14 2101 - // 837 & 945 with news by man & woman in French; good. [Connelly\*E-MA]

1215 **RUSSIA (KALININGRAD)** VOR, Bolshakovo, DEC 7 2200 - Voice of Russia ID by woman; in jumble with UK, others. [Connelly\*Y-MA]

1215 **RUSSIA (KALININGRAD)** VOR, Bolshakovo, DEC 14 2000 - woman "This is the Voice of Russia World Service"; fair. + DEC 14 2059 - man "You are tuned to the Voice of Russia for

Russian Perspective."; good, over UK. [Connelly\*E-MA]

1215 **SPAIN** COPE synchros, DEC 14 2131 - Spanish talk by man; under UK. [Connelly\*E-MA]

1215 **UNITED KINGDOM** Absolute R. synchros, DEC 14 2131 - slow song by Radiohead, then English talk; over Spain. [Connelly\*E-MA]

1251 **LIBYA** Libyan Jamahiriya, Tripoli, DEC 14 2130 - muffled Arabic talk by man. [Connelly\*E-MA]

1269 **GERMANY** Deutschlandfunk, Neumunster, DEC 14 2100 - news by man in German; briefly getting by CJC/WTSN. [Connelly\*E-MA]

1296 **SUDAN** SNBC, Reiba, DEC 14 2200 - Arabic public speech, news; over others. [Connelly\*E-MA]

1296 **UNITED KINGDOM** Radio XL, Langley Mill, DEC 14 2129 - likely this with Bollywood disco; momentarily over others. [Connelly\*E-MA]

1305 **SPAIN** RNE R.5 synchros, DEC 14 2101 - news in Spanish, excerpt of speech; good. [Connelly\*E-MA]

1314 **SPAIN** RNE R.5 synchros, DEC 14 2059 - fast talk by man & woman in Spanish. [Connelly\*E-MA]

1377 **FRANCE** France Info, Lille, DEC 14 2100 - // 837 with France Info fanfare music, then French talk by man and then by woman; to good peak. [Connelly\*E-MA]

1394v **ALBANIA** TWR, Filake, DEC 14 1959 - TransWorld Radio musical box interval signal at 1959:55. [Connelly\*E-MA]

1413 **SPAIN** RNE R.5 synchros, DEC 14 2059 - // 1107 with man in Spanish; poor. [Connelly\*E-MA]

1422 **ALGERIA** RTA, Algiers, DEC 14 2059 - Arabic music interlude; fair. [Connelly\*E-MA]

1431 **DJIBOUTI** R. Sawa, Arta, DEC 7 2359 - dance type Arabic music; to fair peak. [Connelly\*Y-MA]

1440 **LUXEMBOURG** RTL, Marnach, DEC 14 2100 - 5-note chimes, ID in French by man at 2100:30 "Ici Radio Chine International"; over WRED/WVEI, best on LSB to avoid IBOC from WKOX-1430. [Connelly\*E-MA]

1457v **ALBANIA** Filake, DEC 14 2059 - bit of talk, Chinese music, carrier off at 2059. [Connelly\*E-MA]

1485 **SPAIN** SER synchros, DEC 14 2131 - Spanish talk, segment of "Amazing Grace"; good. [Connelly\*E-MA]

1521 **SAUDI ARABIA** BSKSA, Duba, DEC 14 2131 - man & woman in Arabic; to good peak over Spain. [Connelly\*E-MA]

1521 **SPAIN** SER R. Castellon, DEC 14 2131 - vocal // 1485; under Saudi Arabia. [Connelly\*E-MA]

1530 **SAO TOME E PRINCIPE** VOA, Pinheira, DEC 1 0459 - Yankee Doodle sign-on music; over WCKY. [Connelly\*Y-MA]

1548 **MOLDOVA** VOR, Grigoriopol, DEC 14 2100 - woman in Russian; momentarily loud at 2100:40. [Connelly\*E-MA]

1550 **ALGERIA** RASD Clandestine, Rabouni, DEC 14 2130 - two men in Arabic; over domestics. [Connelly\*E-MA]

1575 **SPAIN** SER synchros, DEC 14 2130 - Spanish talk, pips on half-hour; over others. [Connelly\*E-MA]

1602 **SPAIN** R. Vitoria, Vitoria, DEC 14 2130 - fast non-SER Spanish talk by man; over SER. [Connelly\*E-MA]

### \*\*\* PAN-AMERICAN LOGS \*\*\*

530 **CUBA** CMBQ, R. Enciclopedia, La Habana, DEC 1 0000 - woman with ID "Transmite Radio Enciclopedia .. Cuba"; good. [Connelly\*Y-MA]

530 **CUBA** CMBQ, R. Enciclopedia, La Habana, DEC 14 2230 - Muzak-style piano; good. [Connelly\*E-MA]

530 **CUBA** R. Rebelde, Guantanamo, DEC 1 0300 - // 670 with Rebelde news by woman, splash sounds; over R. Enciclopedia. [Connelly\*Y-MA]

540 **CUBA** R. Rebelde, Guantanamo & Sancti Spiritus, DEC 1 0259 - Rebelde 9-note sander; mixed with WFLF & CBT. [Connelly\*Y-MA]

550 **CUBA** R. Rebelde, Pinar del Rio, DEC 1 0300 - // 540 with Rebelde news by woman, electronic "splash" sounds between news items; dominant. [Connelly\*Y-MA]

555 **ST. KITTS & NEVIS** R. ZIZ, Basseterre, DEC 1 0000 - Mariah Carey "All I Want for Christmas is You", then "Zed I Zed" ID by man. [Connelly\*Y-MA]

560 **CUBA** R. Rebelde, Ciego Avila, DEC 1 0300 - // 540 with Rebelde news by woman, electronic "splash" sounds between news items; mixed with WGAN & WFIL. [Connelly\*Y-MA]

570 **CUBA** R. Reloj, Arroyo Arenas, DEC 1 0001 - Reloj news, ticks; over WMCA. + DEC 1 0300 - Reloj man & woman; monster-loud, annihilating WMCA. [Connelly\*Y-MA]

580 **PUERTO RICO** WKAQ, San Juan, DEC 1 0001 - WKAQ ID; in jumble, low growl noted on lower sideband. + DEC 1 0101 - advert, phone numbers, WKAQ ID; good / dominant.

[Connelly\*Y-MA]  
580 **PUERTO RICO** WKAQ, San Juan, DEC 14 2230 - WKAQ ID, local adverts in Spanish. [Connelly\*E-MA]  
590 **CUBA** R. Musical Nacional, La Julia, DEC 1 0240 - classical music; good with WEZE phased. [Connelly\*Y-MA]  
600 **CUBA** CMKV, R. Rebelde, Urbano Noris, DEC 1 2330 - // 670 with Cuba news; good. [Connelly\*Y-MA]  
610 **CUBA** CMAN, R. Rebelde, Bahia Honda, DEC 1 0301 - // 600 with Rebelde news, splash sounds; over WIOD. [Connelly\*Y-MA]  
620 **CUBA** R. Rebelde, Colon / Moa, DEC 1 0301 - // 600 with Cuban news; huge, wiping out WZON. [Connelly\*Y-MA]  
630 **CUBA** R. Progreso synchros, DEC 1 0301 - folk Spanish vocal // 640; mixed with WUNO & WPRO. [Connelly\*Y-MA]  
630 **PUERTO RICO** WUNO, San Juan, DEC 1 0100 - Spanish talk about Navidad, then NotiUno ID; good, over WPRO and others. + DEC 1 0300 - WUNO NotiUno ID; mixed with WPRO & Cuba. [Connelly\*Y-MA]  
630 **PUERTO RICO** WUNO, San Juan, DEC 14 2230 - Spanish advert for the store in Puerto Rico with the best prices and quality. [Connelly\*E-MA]  
640 **CUBA** R. Progreso synchros, DEC 1 0301 - // 630 with folk Spanish vocal; loud, over CBN. [Connelly\*Y-MA]  
640 **VENEZUELA** YVQO, Union R., Puerto La Cruz, DEC 1 0001 - Venezuelan adverts in newstalk; over Cuba, CBN. + DEC 1 0058 - Union Radio ID, Caracas items; under CBN. [Connelly\*Y-MA]  
650 **CUBA** R. Progreso synchros, DEC 1 0301 - // 640 with old-style male vocal; dominant. Some wobbling of the carrier was noted. [Connelly\*Y-MA]  
660 **CUBA** R. Progreso, Jovellanos, DEC 1 0301 - // 640 with Spanish vocal; evenly mixed with WFAN. [Connelly\*Y-MA]  
670 **CUBA** CMQ, R. Rebelde, Arroyo Arenas, DEC 1 0250 - talk // 1180; good. [Connelly\*Y-MA]  
671 **unID** (CUBA suspected) ?, DEC 1 0250 - het against 670 R. Rebelde. [Connelly\*Y-MA]  
690 **BRAZIL** ZYH587, R. Dragao do Mar, Fortaleza, DEC 1 0100 - likely this with Portuguese talk by man, then into religious-sounding talk by woman; slightly over others. [Connelly\*Y-MA]  
690 **COLOMBIA** HJCZ, R. Recuerdo, Bogota, DEC 1 0000 - ID "Esta es Radio Recuerdos"; mixing evenly with Cuba. [Connelly\*Y-MA]  
690 **CUBA** R. Progreso, Jovellanos, DEC 1 0000 - man with Progreso ID; mixed with HJCZ. [Connelly\*Y-MA]  
690 **CUBA** RADIO PROGRESO POOR 12/27 /0111 RADIO DISCUSSION, relating to CUBA. [POB-IN]  
700 **BRAZIL** ZYK686, R. Eldorado AM, Sao Paulo, DEC 1 0100 - excited Portuguese talk by man; up to good peak. [Connelly\*Y-MA]  
710 **CUBA** R. Rebelde synchros, DEC 1 0000 - // 670 with echoey / reverberated Spanish talk; mixed with WOR. [Connelly\*Y-MA]  
720 **VENEZUELA** YVQE, R. Oriente, Porlamar, DEC 1 0000 - likely this with a typical folk vocal; mixed with WGN. + DEC 1 0102 - Spanish man mentioning Margarita and Maracaibo; over WGN. [Connelly\*Y-MA]  
730 **CUBA** R. Progreso, La Fe, DEC 1 0259 - music // 640 & 690; under CKAC. [Connelly\*Y-MA]  
740 **CUBA** R. Angulo, Sagua de Tanamo, DEC 1 0330 - ID "Radio Angulo, transmitiendo desde .. Cuba"; bells; dominant. Audio was somewhat distorted. [Connelly\*Y-MA]  
750 **CUBA** CMHV, R. Progreso, Trinidad, DEC 1 0001 - saxophone music // 690; mixed with WSB. [Connelly\*Y-MA]  
750 **VENEZUELA** YVKS, RCR, Caracas, DEC 1 0100 - RCR ID, Spanish newstalk; dominant. + DEC 1 0315 - Venezuela adverts; atop Cuba, WSB, CBYG. [Connelly\*Y-MA]  
760 **COLOMBIA** HJAJ, RCN, Barranquilla, DEC 1 0301 - Colombia mentions, RCN ID; mixed with WJR. [Connelly\*Y-MA]  
770 **CUBA** R. Rebelde, Victoria de las Tunas, DEC 1 0100 - // 670 with Rebelde sounder and talk; briefly over WABC. [Connelly\*Y-MA]  
780 **VENEZUELA** YVMN, R. Coro, Coro, DEC 1 0300 - ID "Radio Coro, en la comunidad"; over WBBM. [Connelly\*Y-MA]  
790 **CUBA** R. Reloj, Pinar del Rio & Holguin, DEC 1 0000 - Reloj mixed with WPRV & WAXY. [Connelly\*Y-MA]  
800 **NETHERLANDS ANTILLES** PJB, Trans-World Radio, Bonaire, DEC 1 0330 - atop the stew with "Radio Transmundial, desde Bonaire, Antilas Holandesas". [Connelly\*Y-MA]  
810 **COLOMBIA** HJCY, CARACOL, Bogota, DEC 1 0301 - "CARACOL .. mas compania" slogan; over WGY. [Connelly\*Y-MA]  
820 **CUBA** CMDE, R. Reloj, Contramaestre, DEC 1 0000 - Reloj program; mixed with WNYC and

under TBN St. Kitts. [Connelly\*Y-MA]  
820 **CUBA** (t) ?, DEC 1 0330 - severely wobbling carrier; tearing up WNYC. [Connelly\*Y-MA]  
820 **ST. KITTS & NEVIS** Trinity Broadcast Network / R. Paradise, Charlestown, DEC 1 0000 - black gospel vocal, piano; dominant. [Connelly\*Y-MA]  
840 **CUBA** CMHW, "W", Santa Clara, DEC 1 0329 - "en Santa Clara" in fast talk; over others. [Connelly\*Y-MA]  
870 **CUBA** R. Reloj synchros, DEC 1 0300 - news, Radio Reloj ID, Morse "RR" beeps; over WLVP & WWL. [Connelly\*Y-MA]  
880 **VENEZUELA** YVYM, R. Venezuela, Puerto Ordaz, DEC 1 0258 - Caracas & Radio Venezuela mentions; under WCBS. [Connelly\*Y-MA]  
900 **CUBA** R. Progreso, DEC 1 0301 - old-style lounge type male vocal // 690; loud / dominant. [Connelly\*Y-MA]  
940 **COLOMBIA** HJGB, RCN, Cali, DEC 1 0330 - RCN ID; slightly over WIPR, others. [Connelly\*Y-MA]  
940 **PUERTO RICO** WIPR, San Juan, DEC 1 0102 - Puerto Rico adverts, "nueve cuarenta" (9-40) slogan; good. [Connelly\*Y-MA]  
950 **CUBA** R. Reloj, La Habana & Mayari Arriba, DEC 1 0302 - Reloj ticking and talking; with WPEN, others. [Connelly\*Y-MA]  
960 **CUBA** R. Reloj, Guantanamo, DEC 1 0000 - Reloj newstalk; mixed with unID Spanish-language music and WELI, WEAV, WHYL, WTGM mess. [Connelly\*Y-MA]  
980 **CUBA** R. Reloj, Moa, DEC 1 0250 - Radio Reloj program; mixed with second Spanish-language station (usual WCAP/WOFX nulled to oblivion). [Connelly\*Y-MA]  
990 **VENEZUELA** YVTA, R. Tricolor, Barquisimeto, DEC 1 0201 - likely this with Spanish talk, "en Venezuela" mentions; mixed with CBY and CKGM. [Connelly\*Y-MA]  
1020 **CUBA** R. Reloj, Victoria de las Tunas, DEC 1 0300 - Reloj news and time show; mixed with KDKA and unID Latin American music station. [Connelly\*Y-MA]  
1060 **CUBA** R. 26, Jovellanos, DEC 1 0300 - woman in Spanish mentioned events in Cuban cities and a local musician, man gave R. Veintiseis (26) ID and mentioned Matanzas; over KYW. [Connelly\*Y-MA]  
1070 **COLOMBIA** HJCG, R. Santa Fe, Bogota, DEC 1 0202 - Radio Santa Fe jingle, man in Spanish mentioned Bogota; over mess. [Connelly\*Y-MA]  
1100 **BRAZIL** ZYK694, R. Globo, Sao Paulo, DEC 1 0200 - Globo ID, whistles, jingles, reverberated Portuguese talk by man; good, over WTAM. [Connelly\*Y-MA]  
1110 **VENEZUELA** YVQT, R. Carupano, Carupano, DEC 1 0004 - "En Venezuela, Carupano"; good, over WBT. [Connelly\*Y-MA]  
1170 **CUBA** R. Trinchera Antiimperialista, Maisi, DEC 1 0500 - Cuban anthem; mixed with WWVA. [Connelly\*Y-MA]  
1180 **CUBA** R. Rebelde (CMBT Villa Maria and others), DEC 1 0000 - political speech, bad synchro-echo (multiple delays to 2 sec.); loud / dominant. [Connelly\*Y-MA]  
1220 **BRAZIL** ZYJ258, R. Globo, Rio de Janeiro, DEC 1 0159 - reverberated Portuguese talk by two men; over WHKW. [Connelly\*Y-MA]  
1280 **BERMUDA** VSB2, Hamilton, DEC 1 0159 - hymn; over WFAU, others. [Connelly\*Y-MA]  
1290 **VENEZUELA** YVLF, R. Puerto Cabello, Puerto Cabello, DEC 1 0159 - Venezuela adverts in Spanish talk; over WRNI. [Connelly\*Y-MA]  
1500 **VENEZUELA** YVRZ, Radio Dos Mil, Cumana, DEC 1 0202 - Venezuela items in Spanish newstalk; over WFFZ. [Connelly\*Y-MA]  
1610 **ANGUILLA** Caribbean Beacon, The Valley, DEC 1 0003 - male preacher quoting Leviticus 17:11; alone on channel over low-pitched het. [Connelly\*Y-MA]  
1620 **CUBA** R. Progreso, DEC 1 0003 - Radio Progreso ID, music; mixed evenly with Rebelde talkers. [Connelly\*Y-MA]  
1620 **CUBA** R. Rebelde synchros, DEC 1 0003 - Spanish talk from two Rebelde stations with a slight delay between them; mixed with a Progreso outlet. No evidence of WDHP or domestics. [Connelly\*Y-MA]  
1715 **CUBA** R. REBELDE Habana Cuba Good 12/28/0115 Editorial J. MITCHELL Talking on the Revolution/English portion of the show. [POB-IN]

### \*\*\* CONTRIBUTORS \*\*\*

[Connelly\*Y-MA]

**Mark Connelly**, South Yarmouth, Cape Cod, MA, USA.

Email: MarkWA1ION@aol.com

**Receiver:** Microtelecom Perseus

**Antenna 1:** west-null Kaz Delta, 5 m vertical (mid-base to apex) by 20 m horizontal, base height 1 m.

**Antenna 2:** north-null Delta, 6 m vertical (mid-base to apex) by 7 m horizontal,



base height 1 m.

**Phasing unit:** DXP-6 <<http://chowdanet.com/markc/web2005a/dxp-6.zip>>

[Connelly\*E-MA]

**Mark Connelly**, Eastham, Cape Cod, MA, USA.

(GC= 41.819 N / 69.962 W) (= 41° 49.14' N / 69° 57.72' W) (Fort Hill Park)

**Receiver:** Microtelecom Perseus

**Antenna:** cardioid-pattern Micro-SuperLoop on car roof, square, 2 m per side, with 9:1 transformer on east bottom corner to speaker wire to 2:1 transformer to W7IUV transfer amp, and 9:1 transformer on west corner to speaker wire to 500 ohm null-adjust potentiometer.

See <[http://home.comcast.net/~dx\\_lab/pictures/micro\\_superloop.htm](http://home.comcast.net/~dx_lab/pictures/micro_superloop.htm)> for a similar antenna.

[POB-IN]

**Pat O'Brien**, Pekin, Indiana.

**Receiver:** ETON S350DL

**Antenna:** Grundig Indoor Loop

## IRCA TECHNICAL COLUMN

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### The Backpack Ferrite Sleeve Loop (FSL) Antenna

by Kevin Schanilec

This is a design for a 12" diameter backpack version of the FSL with a "contra" wound coil that allows coverage between 150 and 1700 kHz in two overlapping bands. The actual coil of the antenna is approximately 11 inches in diameter, and it is housed in a plastic "pie carrier" which provides structural support and protection from the elements.

My goal was to build an FSL that I could take with me to work, stopping off at the local park to DX and then continuing on. I therefore needed a much slimmer FSL than a design using 6" or 8" long ferrites, plus some sort of stand to get the antenna off the ground. My hope was that it would be nearly as effective as my larger FSL.



Figure 1



Figure 3

A few design notes:

- The "contra" method of winding the coils allows for dual-band operation with the flip of a switch. A good discussion of this winding method is presented by Dave Schmardeer at <http://makearadio.com/coils/contracoils.php>. I ended up with two 17-turn coils. In series, they have about 780 uH of inductance, and in parallel 195 uH.
- A schematic of the circuit is in Figure 17. Using a DPDT, in one position the coils are in parallel for MW, and it tunes 440 to >1700 kHz if both sections of variable capacitor 'A' are tied to Point 'D' on the schematic (rather than one section to Point 'E'), and down to about 610 kHz if wired as shown.
- In the other switch position, the coils are in series, and all four variable capacitor sections are engaged. This tunes from 153 to 850 kHz, covering the entire LW broadcast band, the NDB band and a good



Figure 2



Figure 4



Figure 4

chunk of the MW band.

- A consideration in using shorter ferrites is that there is less room to wind the main coil. There should probably be at least 10-12 mm (up to a half inch) or so of ferrite on either side of the coil. With the 65 mm rods or 62 mm bars, a MW coil of say 15-20 turns fits easily, but a LW coil gets cramped, and may not fit on a smaller-diameter FSL. For example, with the Backpack FSL, the required turns for a LW coil just barely fit, using 330/44 Litz wire.

Here's how I made the Backpack FSL:

The inside of the pie carrier is about three inches deep, and the ferrites are about 2.5" long. The 6" PVC coupler was cut in half on a table saw to make a 3"-high form. I then put two layers of 1/2" foam wrap around the PVC coupler (see Figure 1), making a final diameter of approximately 8.5" on which to put the ferrite sleeve, which will eventually just fit the ferrites and the pie carrier.

Each layer of foam wrap was held in place with heavy duty double-stick carpet tape, Ace Hardware #54308. The outside of the foam wrap was wrapped with 2-inch strapping tape, resulting in a very sturdy foundation for the ferrites.

The contra-coil design has four wire leads to be connected to the switching and tuning circuitry. In order to pass the two middle leads through to the center, I drilled a 1/4" hole through the foam wrap and PVC coupler for these leads. See Figure 2 for position of the hole.

Using two thin strips of the double-sided carpet tape, start putting the ferrites on, starting right next to the 1/4" hole and ending just short of the hole. With all of the ferrites on, I put another layer of strapping tape around them to firmly hold them in place as well as to provide something for the next layer of foam wrap to adhere to. Make sure you punch a hole in this and subsequent layers of foam and tape to keep the 1/4" hole open and accessible. In Figure 4, you can see the small gap I left in the ferrite sleeve at the top for the wires to pass through.



Figure 5

I wrapped another layer of 1/2" foam wrap around the ferrite sleeve, giving the necessary gap between the ferrites and the Litz coil. I used a 1/2" gap, which seems to be close to an optimum distance, at least for a larger FSL such as this. This was again wrapped with a layer of strapping tape (see Figure 5).

I then wound the coils around this, first threading the ends through the 1/4" hole to leave about a 6 inch end that can connect to the switching and tuning circuitry. Note that high-count Litz wire flattens out when wrapped in a coil: I didn't realize this, and my coil was wider than I anticipated. If I re-wrap this

FSL, I will make sure to squeeze the coils together, likely raising the inductance of the coil and extending the lower tuning range.

With the coils on, I wrapped a 1/4" layer of foam around the coil, bringing it to the final diameter which fit snugly inside the pie carrier. Again, this received a final wrap of strapping tape to hold it all together. (see Figure 6). The yellow circle is masking tape that I used to keep the coil in place. You can use double-stick tape to wind the coils on, which would then make the masking tape unnecessary.

You can also see the one of the Litz wire leads travels underneath the ferrite sleeve and through a notch in the PVC coupler, and is held in place with a piece of yellow masking tape. Since the FSL will sit flush against the bottom of the pie carrier, this notch is necessary to protect the wire.

Figure 7 shows the FSL snugly installed in the pie carrier. The wire coming through the notch is seen at the



Figure 6

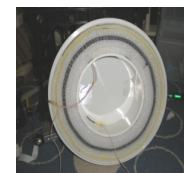


Figure 8



Figure 7

bottom of the inside of the PVC coupler, and the two center leads (via the 1/4" hole) are seen at the top. I used a couple pieces of strapping tape on the inside

of the PVC coupler to hold the FSL in place and keep it

from rotating.



Figure 11



Figure 10



Figure 9

I used double-stick foam to adhere the varicaps, but 2.5 mm screws may also be used. With these three components in place, wire up as suggested using the schematic in Figure 17. For experimental ease, I used a 4-wire spring-loaded speaker-type termination plate as a wiring harness to provide for connecting the four FSL leads. (see

Figure 8)

Figure 9 shows what it looked like before I closed it up, with the FSL connected via the wiring harness. Eventually, I will shorten the wires up and solder everything. I laid a layer of 1/4" foam across the top of the FSL to make it fit snugly under the cover.

Figure 10 shows the front of the assembly, with the varicaps flanking the DPDT switch which is in the center. I put two small pieces of 1/2" foam under the pie carrier's handles to keep them up and away from the cover itself, providing extra protection for the knobs and switch.

(Figure 11 shows a holding stand fashioned out of commonly-available PVC pipe and fittings, while Figure 12 show the FSL sitting in the stand. With the two arms holding the FSL cut to just the right length, the antenna sits perfectly vertical.)

Longer legs can be put on the stand for outdoor or floor-standing use as seen in Figure 13. This stand is about three feet high, and quite stable.



Figure 14



Figure 13



Figure 12

Disassembling the taller stand yields a manageable pile of pieces, seen in Figure 15, all of which fits nicely into a standard student-size backpack (Figure 14).

Performance Comparison

To see how well the Backpack FSL performs, I compared it on LW and MW with my "reference" FSL seen in Figure 16 and described in the article A Dual-Band Ferrite Sleeve Loop (FSL) Antenna (found at <http://www.angelfire.com/electronic2/index1/12-Inch-FSL-Design-Rev-A.pdf>), which has a larger 12.5" coil of 660/44 Litz wire and 160 mm ferrites. I went out to a local park in order to get away from as much RF noise as possible, and selected weak daytime signals on the LW and MW bands. In summary, the shorter ferrites allows the Backpack FSL to have the same signal coursing through its Litz wire as with the reference FSL.

On MW, I simply couldn't tell any meaningful difference in performance between the two, using a Tecsun PL-380 DSP and PL-210 analog receiver. The only difference was that I generally had to hold the radio a bit closer to the Backpack FSL to get the same result, both in terms of audible results and the SNR/RSSI read-out on the PL-380. A recent trip to the beach had the same results with other portable radios as well.

On LW, the need to hold the radio a bit closer was more pronounced, and it became apparent that while the RF signals in the FSLs' Litz coils may be the same, their ability to couple with a receiver are in fact different. I have seen this before with ferrite couplers, where the same number of turns around a long ferrite makes a much better coupler than on a shorter ferrite. With an FSL, it appears that the longer ferrite generates a stronger field to which the radio's internal antenna can be coupled: it's then up to the radio to receive it.



Figure 16

With a receiver that is reasonably sensitive at LW frequencies such as the Tecsun PL-210 or a "stealth" PL-380 (or a very sensitive souped-up

DeBockian Tecsun PL-380, pictured on top of the 12" FSL, below), the radio had to be closer to the Backpack FSL, but the LW beacon or broadcast station sounded essentially the same in the end. Occasionally, the larger FSL had a marginal signal-to-noise advantage: with its slightly larger capture area and higher-count Litz wire, some difference is to be expected. The radio was generally louder as well, even if the DX signal sounded the same. In my testing, though, the antennas were very close, and I didn't hear anything on the larger FSL that I didn't on the Backpack.

However, with a radio that is quite insensitive on LW, such as the stock Tecsun PL-380, the larger FSL was noticeably better on the low end of the LW band. In this case, the stock PL-380 is so stone-deaf on LW that it seems there simply wasn't enough signal coming from the Backpack FSL to get completely above the radio's noise floor. The outer case of the pie carrier meant that the radio has to be at least an inch or so from the windings of the FSL coil, whereas for the bottom of the LW band the radio really needs to be right up against the coil. This was noticeable up to about 300-350 kHz, at which point the paltry stock internal ferrite antenna was finally sufficiently sensitive, and the two FSLs started sounding almost identical again, even with the radio an inch away from the Backpack FSL. So, provided that a portable radio with at least modest sensitivity is used, an FSL built with shorter (and cheaper) ferrites works as well as one built with longer ferrites.

MW-only Version

A simpler, less expensive version can be made for MW frequencies.

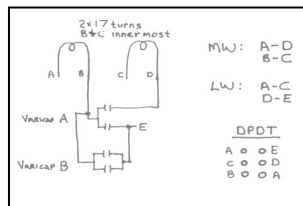


Figure 17

Perhaps half of the Litz wire may be used to wind a single coil of around 250-300 uH, and this may be directly attached to one or both sections of a variable capacitor. This would save approximately \$30 in Litz wire and perhaps \$10-15 in parts.

IRCA Facebook Page

The IRCA's Facebook page is now online! This is a new feature of IRCA, featuring photos of transmitter sites (many of which provided by our Chairman, John C. Johnson), members' shacks (your Editor-in-Chief included) and plenty of information. If you have a Facebook page, enter "International Radio Club of America" into your Facebook search engine, then click the "Like" icon. Many thanks to Mike Sanburn (KG6LJU) and John C. Johnson for setting this page up.

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