

# DX News

• Serving DX'ers since 1933



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**NRC/WTFDA Convention 2012:** Bill and Brenda Swiger will be hosting us in Bridgeport, WV this year, the weekend of August 3-5. Registration closes July 20, but why wait? Make your plans now! See page 23 for more details.

**From the Publisher:** Here's yet another full issue ... with the DX season winding down, we have been working through our backlog of material to keep *DX News* full of timely MW DX news! We still have some good material on hand for upcoming issues. Apologies to those who've had to wait to have their material see print – we are trying to stay within 24 pages per issue, as postage costs increase rather dramatically for larger issues. But, if you have material for publication, please do send it along ... it's better for me to have a backlog of material to choose from to keep each issue's 24 pages as full as we can.

**Help Wanted:** As you will recall, Bill Hale is stepping down as editor of AM Switch and Graveyard DX Achievements in September. We've had a couple of volunteers step forward to offer their services on GYDXA, and an announcement will be forthcoming on that column's future. We've also had a couple people express interest in AM Switch, but no definite offers yet. And time is running short!

So if you think you'd like to try your hand at AM Switch, this is your chance. The main qualifications are (1) a willingness to hunt down the station change information on the FCC web site, which is all there but not necessarily in the most user-friendly format, and the other sources available to the Club, as well as (2) an attention to detail and striving for accuracy. There are several folks around who can show you where the bodies are buried (so to speak) on the FCC web site, but the other necessary qualities can't be taught. If you got 'em, e-mail the Publisher at [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com) and let's talk.

And of course our thanks go out to Bill (who's been editing AMS or DDXD for more than 25 years now) and before him to Jerry Starr ... the two of them have been doing AMS since before I first joined the NRC in 1976. It's hard to imagine

anyone new taking on those roles ... but then I never thought I'd be the *DX News* publisher either. So you never know.

**NRC AM Log 2011-2012 (32nd Edition):** The *Log* is sold out for this year! Now it's time to work on updating the database so the 33rd Edition will be the most accurate, up-to-date North American MW station listing available anywhere. Look for the new edition to be out around Labor Day.

**Membership Report:** Welcome to new members Leon Crain, Huntington Station, NY, and Karl Dahlquist, Burbank, CA.

Welcome back to rejoining members Dan Dankert, Tustin, CA, and Gerry Thomas, Pensacola, FL.

And thanks to these renewing members for their continued support: James Arnott; Ronald K. Bailey; Doug Beard KF0VF; Mike Bugaj; Steve Chappell; Tim Clampit; Mike Clancy; Michael Diers; Ken Englert; Jerry Ervine; Scott Fybus; Robert Galerstein WB2VGD; Christopher Gay; Warren Greenberg; Glenn Hauser; Tapio Kalmi; John J. Long; Ronald J. Musco; Albert V. Prete; Sheldon Rubin; Jerry Sanderson N3JGN; Dean Sorenson; Alphonse Tobia; Tim Tomljanovich; Tom Walsh; and Philip Zmenkowski.

**Renewals:** As announced last issue, NRC dues are increasing on June 1, reflecting higher postage and printing costs for *DX News*. Please recall that you can also subscribe to e-DXN – either in addition to, or instead of, the printed version of *DX News* – at the same rates as before. E-DXN subscribers can download the PDF version of *DX News* at the same time it goes to the printer ... usually on the day following the publisher's deadline (his work/travel schedule permitting) and more than a full week before the masthead date. Renewals, whether for the printed or electronic version or both, go to NRC HQ in Aurora CO, not to the publisher in DC ... it just slows things down if you send it to me. See the back page for all the 411.

### VOL. 79 DX NEWS PUBLISHING SCHEDULE

No	In By	Date	29	Aug. 3	Aug. 13
28	June 30	July 9	30	Sept. 7	Sept. 17

# 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>
880	KJOJ	TX	Conroe	KJOZ
1230	KTJK	TX	Del Rio	KLTO
1250	KDNZ	IA	Cedar Falls	KCFI
1560	WINT	FL	Melbourne	WLZR

### CPs ON THE AIR

540	KMLB	LA	Monroe – Is now on with U1 4000/26 [ex: U4 5000/1000]. Station has a pending application for U1 1500/65.
890	KJME	CO	Fountain – New station is on the air with U4 5000/580 from 6 towers at 38-31-07/104-36-03. The two patterns are identical with major lobes to the North-northwest and South-southeast and a minor lobe off to the West. Reportedly, the format is Adult Standards and Talk.
970	WFQY	MS	Brandon – CP for U1 350/90 is on the air [ex: U4 1000/91].
1050	WSMT	TN	Sparta – Is now on with U1 950/178 [ex: U1 1000/181].
1060	WQOM	MA	Natick – Is now on the air with U4 50000/2500. [ex: U7 40000/3500 CH 23000].
1190	KQQZ	IL	Fairview Heights – CP for U4 25000/650 is on the air [ex: U4 1000/22].
1200	WINK	FL	Pine Island Center – CP for U4 50000/1000 is now on [Ex: U4 10000/1000].
1260	WWRC	DC	Washington – CP for U4 25000/5000 is now on [ex: U4 5000/5000].
1270	WSPR	MA	Springfield – CP for U1 1000/350 is on the air [ex: U4 5000/1000].
1340	KGGS	KS	Garden City – CP for U1 880/1000 is now on the air [ex: U1 1000/1000].
1410	WTIX	NC	Concord – CP for U1 1000/67 is now on [Ex: U1 1000/182].
1430	KZQZ	MO	St. Louis – CP for U4 50000/5000 is on the air [Ex: U4 5000/5000].
1450	KONP	WA	Port Angeles – CP for U1 1000/910 from a new, taller, tower at 48-05-55/123-24-20 is now on.
1570	WNKX	TN	Lobelville – CP for U1 1000/66 is now on after relocating from Centerville with U1 5000/77.

### ACTIONS

820	WVSG	OH	Columbus – CP granted for U2 6500/790.
920	WURA	VA	Quantico – This new station, having a CP for U4 7000/970 but not yet on the air, has filed for Program Test Authority, meaning they were ready to go on. The FCC denied that request as, in the filing, WURA failed to provide certain critical information. So they may re-file any time soon. So, those in the Mid-Atlantic region keep an ear out for them.
1100	KQNM	NM	Milan – Licensed for U1 250/20, KQNM has filed several applications over the past few years including one to move to Rio Rancho and another to move to 1090 kHz. They have now filed a Silent STA so that they and KMIN-980 may co-locate to a new tower site.
1230	KPRL	CA	Paso Robles – Coordinate correction to 35-39-34/120-41-01.
1270	WQKR	TN	Portland – CP granted for U1 1000/43 from a new tower at 36-36-40/86-34-52. WQKR was previously granted a CP for U4 500/29 in 2009 from a new two-tower site at these same coordinates. The towers were built and they were in the final stages of filing for their authorization when the engineer left the project. They then operated under an STA with U1 500/29 when a subsequent study revealed they could operate with the above granted facilities. They propose to dismantle the unused 2 <sup>nd</sup> tower.
1270	WSPR	MA	Springfield – CP granted for Auxiliary operation with U1 1000/350 from a new tower at 42-06-06/72-37-23 to be shared with WACM-1490 West Springfield (see 1490 below).

- 1280 WTMY FL Sarasota – Licensed for U4 500/340, WTMY has a CP for U1 300/100. They have now filed for a **Special Temporary Authorization (STA) with U1 100/85.**
- 1340 WAML MS Collins – CP granted for U1 1000/1000 from a new tower at 31-38-04/89-34-23 and relocating from Laurel.
- 1400 KKTK TX Texarkana – Coordinate correction to 33-26-34/94-03-20.
- 1410 WSHY IN Lafayette – Licensed for U4 1000/60, WSHY has applied to go non-directional as U1 270/28 using the west tower of their array. They have filed for an **STA to operate D1 250/0** from that tower while work is being accomplished on the east tower. “Work” was not defined in the filing.
- 1430 WRDN WI Durand – Licensed for U1 2000/152, WRDN is operating under an **STA with U1 110/7** using a long wire on the roof of their studio. The station was recently sold and the tower location was not included in the sale. The new owners have a CP for the same **U1 2000/152** from a new tower about five miles from the former site.
- 1490 WACM MA West Springfield – CP granted for **Auxiliary operation with U1 1000/830** from a new tower at 42-06-06/72-37-23 to be shared with WSPR-1270 Springfield (see 1270 above).
- 1490 WOLF NY Syracuse – CP granted for U1 1000/1000 [ex: U5 1000/1000].
- 1520 KYND TX Cypress – CP granted for D4 25000/18000 [ex: D4 3000/2600] relocating to a new three tower site at 29-53-13/96-00-52.
- 1540 WSIV NY East Syracuse – CP granted for U1 1000/57 relocating to the WOLF-1490 tower at 43-03-31/76-10-00.
- 1590 WPVL WI Platteville – CP granted for U2 970/470 from a new 2-tower site at 42-45-20/90-30-20.

#### AMENDMENTS TO CONSTRUCTION PERMITS

- 620 WSNR NJ Jersey City – Licensed for U4 3000/7600, WSNR had a CP for U4 8500/5000. This action has them relinquishing the CP and applying for U4 15000/15000.
- 1030 APP OR La Grande – Having a CP for U2 1000/600, an amendment has been submitted for this unbuilt station with the same U2 1000/600 at a different transmitter site utilizing a slightly altered night pattern.

#### APPLICATIONS

- 770 WEW MO St. Louis – WEW had a CP for U4 10000/200, but as the permit is set to expire before local zoning issues have been completely resolved, they have chosen to voluntarily surrender the CP and re-file for the identical parameters. The requested facilities remain the same, U4 10000/200 from a three-tower array using two towers (1 and 2) during the day and two (1 and 3) at night. The site is near Collinsville, Illinois.
- 930 KHJ CA Los Angeles – Applies to move their transmitter so as to co-locate at the tower site of KYPA-1230 and KBLA-1580 at 34-05-08/118-15-24. Their facilities will remain U2 5000/5000, but the night pattern will be adjusted.
- 1060 KBFL MO Springfield – Applies for U1 470/19.
- 1230 WMML NY Glens Falls – Coordinate correction to 43-19-45/73-38-54 [shares the tower with WENU-1410 below].
- 1260 WWRC DC Washington – Applies for Auxiliary facilities of D1 1100/0.
- 1410 WENU NY South Glens Falls – Coordinate correction to 43-19-45/73-38-54.
- 1470 WCLA GA Claxton – Applies for U1 1000/170.
- 1500 KBRN TX Boerne – Applies for U5 1900/15.

#### AMENDMENTS TO APPLICATIONS

- 1390 WBLL OH Bellefontaine – Licensed for U1 500/81, WBLL applied for D1 500/0 changing their City-of-License to Grandview Heights. This amendment requests U1 960/22 at Grandview Heights.

#### APPLICATIONS FOR RECONSIDERATION

- 1120 WKAJ NY St. Johnsville – This unbuilt station initially was issued a CP in 2008 for U4 10000/400 with Little Falls as the City-of-License. It appears there was no activity for almost three years (the time given stations to complete the action designated for any Construction Permit), except for the permit being sold in 2010. But no activity insofar as any construction. So the FCC cancelled the permit. Now, the owners have applied for reinstatement.

1510 KSPA CA **Ontario** – Application to change City-of-License to Chino with U7 50000/6000 CH 45000 was denied. They have re-applied addressing the FCC reasons for denial, plus reverted the City-of-License back to Ontario.

#### APPLICATIONS AND CPs DISMISSED

1000 KCEO CA **Vista** – CP for U4 5000/900. KCEO remains U4 2500/250.

1070 WNCT NC **Greenville** – Application for U4 35000/10000. WNCT remains U4 50000/10000.

1470 WNAU MS **New Albany** – CP for U1 2500/58. WNAU remains U2 2500/500.

#### APPLICATIONS FOR NEW STATIONS

780 APP UT **Draper** – Applies for U4 1000/250.

1100 APP OR **Lebanon** – Applies for U4 2500/250.

1400 APP AK **Juneau** – Applies for U1 25000/1000. It is interesting to note that no explanation or justification was offered in the application as to why they applied for a Class B station with 25 kW on 1400 kHz. But, the FCC accepted the application.

1580 APP CA **Red Bluff** – Applies for U2 3000/1000.

1580 APP UT **Springville** – Applies for U1 10000/570 CH 10000.

#### AM on FM

870 WPWT TN **Colonial Heights** – W264BY 100.7 Kingsport

1200 WCHB MI **Taylor** – W260CB 99.9 Hamtramck

#### HEAR AND THAR

✿ **Returning to the airwaves:** KXOR-660 Junction City, Oregon is back on with Spanish Religious as *Radio Zion, AM 660*; KYWN-890 **Meridian, Idaho** is back with a Talk format as *Talk 890*; KWAP-1430 **Wasilla, Alaska**; and WQTM-1480 **Fair Bluff, North Carolina** returns with Sports from Yahoo Sports Radio and slogan of *Sports Radio 1480*.

✿ **Reported as silent:** KMUL-830 **Farwell, Texas**; KSEW-950 **Seward, Alaska**; KICA-980 **Clovis, New Mexico**; KYET-1170 **Golden Valley, Arizona**; and WDKD-1310 **Kingtree, South Carolina**.

✿ **Fines:** WJTB-1040 **North Ridgeville, Ohio**: \$10,000 for failing to maintain a management and staff presence at their main studio; WIPS-1250 **Ticonderoga, New York**: \$1200 for failure to file for license renewal in a timely manner [this station has been deleted from the FCC database]; KCRX-1430 **Roswell, New Mexico**: \$8000 for failure to ensure the operational readiness of their Emergency Alert System equipment; WELZ-1140 **St. Paul, Virginia** (along with WELZ-FM) has been fined \$20,000, and granted a license renewal for 4 years instead of the usual 8, for failing to retain all required documentation in the public inspection file(s); KZMX-580 **Hot Springs, South Dakota**: \$21,500 (along with KAMX-FM) for failure to comply with the FCC's main studio, Public Inspection File and equipment rules; and **Pacific Empire Radio Corporation**, owner of KLBM-1450 (and KYBQ-FM) **La Grande**, KBKR-1490 (and KKBC-FM) **Baker** and KJRT-FM **Elgin (all Oregon)**, is facing a possible \$25,000 fine for Public Inspection File violations.

✿ **Thanks to Tim Noonan, Upper Midwest Broadcasting, and Radio World Online.**

## GRAVEYARD DX ACHIEVEMENTS – UPDATE

Via Bill Hale, GYDXA Editor

\* record held by DXer from North America (excluding Alaska)

+ record held by a DXer in USA/Canada where a Canadian/USA record exceeds that mileage

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
<u>1230 kHz</u>				
WXKX	WV Clarksburg	Kraig Krist	Manassas, VA	+ 160
<u>1400 kHz</u>				
WCCY	MI Houghton	Kraig Krist	Manassas, VA	* 812
WAJL	VA South Boston	Kraig Krist	Manassas, VA	159
<u>1450 kHz</u>				
WKIP	NY Poughkeepsie	Kraig Krist	Manassas, VA	+ 281

# *Domestic DX* Jim Tedford Radio\_Enthusiast@hotmail.com *Digest – West* 20310 Bothell-Everett Highway B4 Bothell, WA 98012-8133

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

## Reporters

JE-TX Jerry Ervine, Mission TX Tecsun PL-606, R-75, Sony 2010 and AOR LA380 Loop  
 JW-CO John Wilkins, Wheat Ridge, CO Drake R-8, GE Superadio II, 4-foot box loop.  
 RD-IA Rick Dau at an AmericInn in West Burlington, Iowa Sangean ATS-909X, Quantum QX Pro loop  
 RD-IL Rick Dau at a Super 8 in Peru, Illinois Sangean ATS-909X  
 RD-MI Rick Dau on the road in Hancock, Michigan Sangean ATS-909X  
 RV-TX Robert Vance, El Paso, TX WinRadio G303e/PD, 12'x9' unterminated corner-fed N-S loop, 25-yr old Palomar Loop

## DX Loggings

- 540 KWMT IA Fort Dodge – 4/26 1908 – Fair with weather promo: "... KWMT, with 30 up-to-the-minute forecasts throughout the day," then into Don Williams song "Old Coyote Town." WAUK noted in KWMT's null. (RD-IL)
- 970 WZAM MI Ishpeming – 4/29 0828 – Fair at best with promo for program "The Sports Pen" weekdays from 4 to 5 "on ESPN 970," then weather for the Ishpeming-Marquette region. WJMS-590 was not strong here at all, at a distance of 87 miles. Ground conductivity in the UP leaves something to be desired, to say the least; not a DXers paradise. (RD-MI) Great pasties, though. (Talking about the little meat pies native to the UP, not the other things. This is a family-friendly column, after all.) (JDT-WA).
- 1030 KCTA TX Corpus Christi – 5/20 2305 – Religious programming, *Hour of Decision* with Franklin, Billy Graham, and associates. At 0000 Religion Research Institute.com with educational remarks. *Hour Of Hope*. Good (JE-TX)
- 1150 WHBY WI Kimberly – 4/29 0830 – Weak, but in there, with Fox Cities weather forecast and mention of "Newstalk 1150 WHBY." (RD-MI)
- 1190 WOWO IN Fort Wayne – 4/2 0806 – Good, as expected, with conclusion of weather forecast from meteorologist Chris Daniels: "... partly cloudy and 40 off the World-Famous Wo-Wo Fire Escape." I'd love to hear the story about how WOWO's fire escape got to be so world-famous, if someone out there knows it! (RD-IA) Oh my. Back in the day, WOWO's studios were in in one of Ft. Wayne's taller buildings, and they used to do weather observations from the building's fire escape. (It was also where the staff took their smoke breaks.) Being a 50 kW clear channel station (back when that meant something) the World Famous WOWO Fire Escape was known to millions of listeners. I grew up listening to those weather reports. Glad to hear WOWO is still promoting the fire escape. (JDT-WA)
- 1230 KFUN NM Las Vegas – 5/21 0743 – Couple of 1-800 ads, followed by "... hot new Country and your all-time favorites on AM 1230 KFUN"; C&W music ensued. Fair, over/under others. (JW-CO)
- 1240 KSLV CO Monte Vista – 5/21 0737 – C&W music, call letter ID and "Classic Country" slogan, then more music. Briefly fair in the pileup. (JW-CO)
- 1330 KLBS CA Los Banos – 5/10 0700 – Seemed to be news read by gal; call letter ID at 0711, followed by a variety of vocal music. All this in Portuguese. Fair peaks with fading; IBOC hash from KVOQ-1340 mostly nulled. (JW-CO)
- 1370 KWTL ND Grand Forks – 4/26 0659 – Mention of "Your Catholic Radio Station.com"; ID as "Real Presence Radio ...[pause]... KWTL Grand Forks"; EWTN programming followed at 0700. Fair signal. (JW-CO)
- 1460 KCLE TX Burleson – 5/1 2205 – A mix of Indonesian-like chants, EE and SS. Heavy QRM. It turns out that I was picking up at least four different stations. KCLE broadcasts both Dallas Mavericks NBA games and the best country western. Fair-Good. (JE-TX)
- 1460 KBRZ TX Missouri City – 5/14 2203 – South-East Asian music and chanting. This is station dedicated to listeners from Asia broadcasting in several different

languages, As other stations on this frequency, it has strong fading in and out. WRTH 2010 shows them as coming from Missouri City TX, which can be considered as a 'bedroom town' to Houston. I was surprised to hear it The Spanish station was out of Jalapa, Veracruz, Mexico. I tracked this station for several evenings. Poor-Good. (JE-TX)

- 1510 WLAC TN **Nashville** – 5/15 2149 – News, music QRM with SS underneath. Man re. Health Care Providers, a program re. medical advice. At 0000 hours there was QRM from a Mexican station. Poor-Fair. (JE-TX)
- 1550 KUAZ AZ **Tucson** – 5/6, 2120 – In with NPR program *Latino USA* followed by *Arizona Spotlight* at 2130. Mixing with KIVA-NM, but mostly under; with adjacent channel local XEJPV splatter phased. Noted s/off announcement at 2215, mentioning //89.1 FM. (RV-TX)
- 1550 KIVA NM **Albuquerque** – 5/6 2200 – Noted with ToH slogan: "AM 15-50, The Rock of Talk"; into CBS news. (RV-TX)
- 1560 KNZR CA **Bakersfield** – 5/13 0615 – *Coast-To-Coast AM* into station promo for the *Ralph Bailey Show* "... weekdays 3 to 6 on 15-60 AM and 97-7 FM KNZR," then local ads. Fair-Good as the station on top for the most part. (RV-TX)
- 1560 KGOW TX **Bellaire** – 5/17 0020 – Male "... down here in Houston"; various men with basketball talk, conference champions. Commercials for Lumber Liquidators-wood flooring. Bank commercial at 0046 and ID: "KGOW." Fair-Good. (JE-TX)
- 1640 KFXV OK **Enid** – 5/6 0220 – Noted with Southern GOS mx under KBJA-UT. Caught part of slogan ID "... one of best varieties of southern gospel music, Faith 16-40 ...." Very poor. (RV-TX)
- 1650 KBJD CO **Denver** – 5/6 0245 – SS contemporary Christian music; caught part of ToH ID "... siete-cicuenta A-M, Radio Luz, iluminando mente y corazon ...." Very poor, mixing with partially-phased local KSVE. (RV-TX)

Pretty quiet on the DDXD Western front. Hope that means people are enjoying outdoor spring activities. That's great, but remember, DXing doesn't go away in the warmer months, it just requires a bit more planning.

Rick Dau has the right idea – when you go on your summer road trips and vacations, take a radio, maybe a loop antenna and see what there is to hear out there.

See you next time. (JDT-WA)

## *Domestic DX*

## *Digest – East*

**U.S./Canadian Loggings from Eastern/Atlantic Time Zones. All ELT.**

### REPORTERS

- PLG-FL **Paul Gray, Melbourne** – Sangean ATS-818ACS
- TLK-FL **Terry L. Krueger, Clearwater** – JRC NRD-535, ICOM IC-R75, Sangean PR-D5, roof dipole, in-room random wire.
- JJR-MI **John J. Rieger, L'Anse** – CCRadio 2
- 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.

Friend me on Facebook! [www.facebook.com/keval.mike](http://www.facebook.com/keval.mike)

### LOGGINGS

- 560 WQAM FL **Miami** – 5/13 0455 – "Gold Coast Forum," local sports talk program discussing "Gators Gold" high-school prep sports program. Signal poor to fair, lots of fading and other competing stations, including UNID SS station and UNID New Jersey station. (PLG-FL)
- 590 WAFC FL **Clewiston** – 5/5 0800 – Relay of syndicated music show, "True Oldies Channel." Station ID at TOH. Fair signal, some adjacent-channel interference from WDBO Orlando on 580. (PLG-FL)

- 650 WSM TN **Nashville** – 5/13 0513 – C&W music program interspersed with Mother's Day music. Gary Allen featured in a station promotional spot. Good signal strength but fading was severe with rapid picket fencing, also competition from UNID SS station. **(PLG-FL)**
- 660 WORL FL **Altamonte Springs** – 5/5 0750 – Sports talk program discussing Jackie Robinson's impact on racial integration in Major League Baseball. Low signal strength (S1, occasionally S2), but audible at higher volume levels. **(PLG-FL)**
- 680 WPTF NC **Raleigh** – 5/13 0506 – WPTF ID, then into the "Red Eye Special" syndicated news program already in progress. Ad for North Carolina tourism. Good signal, some interference from other stations, fading very slight. **(PLG-FL)**
- 690 WOKV FL **Jacksonville** – 5/5 0853 – The Home and Garden Show, topics included live oak trees and feeding crows. Weather report, followed by ID and montage, "Your news traffic and weather station WOKV-AM Jacksonville, WOKV-FM Ponte Vedra." Fox News at TOH. Fair signal, little to no fading. **(PLG-FL)**
- 910 KJJQ SD **Volga** – 5/5 0625 – Poor with station promo: "The Ranch AM 910, listen live at therancham910.com" into ad, then local weather (showers, high 70, low 50). Not common, usually WFDF or KCJB. **(JJR-MI)**
- 980 WTEM DC **Washington** – 5/7 1955 – Over usual CFPL groundwave with Baltimore Orioles v. Texas Rangers on Orioles network. **(MKB-ON)** *Presumably the Washington Nationals and their flagship WFED-1500 don't mind. For many years, now-defunct CKLB/CKAR-1350 in Oshawa used to broadcast Montreal Expos games into Toronto.*
- 1060 KFIL MN **Preston** – 5/5 0710 – Poor with slogan "The best in country music" (clips of songs) "KFIL" jingle into ad, Saturday Morning Farm Time program on the Linder radio network. **(JJR-MI)**
- 1230 WKLK MN **Cloquet** – 5/5 0733 – Poor with "WKLK" jingle, Nat King Cole song and other NOS tunes. **(JJR-MI)**
- 1340 KRBT MN **Eveleth** -5/7 0700 – Poor with slogan "The Iron Range's home for Fox Sports," ToH ID into ABC news. **(JJR-MI)**
- 1360 WPPA PA **Pottsville** – 5/22 2105 – Over oldies (presumably WKYO), talk (presumably WTAQ) and others in mix with Phillies game v. Washington Nationals, promo for Phillies Home Run Payoff contest and ad for CJ's Tire and Automotive service between innings. QSLed in 1977, probably not heard since then. **(MKB-ON)**
- 1430 WTMN FL **Gainesville** – 5/2 2044 – Ad with a 352 area code followed by "... disable the cable ..." spot and "... Gospel 14-30 ..." slogan after Southern Gospel song ended. Then at 2111, female with "Gospel 14-30, Gainesville, Your Inspiration Station" slogan (slight variation on the 2012 NRC AM Log). Remains dominant throughout darkness, so are they really running 45 watts nights (U1 1000/45)? **(TLK-FL)**
- WLTG FL **Panama City** – 5/2 2026 – Very poor, fading in and out, with Tampa Bay Rays baseball, female "WLTG 14-30" ID at 2038. Lots of co-channel post-sunset, including WTMN, Gainesville, FL with Southern Gospel (mostly dominating) and briefly, WOIR, Homestead in Spanish. **(TLK-FL)**
- WION MI **Ionia** – 5/5 0742 – Poor with oldies, station promo "I-1430 and 92-7 is for smart businesses" noted before fade out. **(JJR-MI)**
- KNSP MN **Staples** – 5/5 0740 – Poor with slogan "KWAD-KNSP the Minnesota Sports leader..." several sports scores, ad for Steve's Alignment & Auto Repair. **(JJR-MI)** //KWAD-920 per NRC Log, which also shows C&W format. But as we know, stations can change formats about as often as most people change their underwear! Mike.
- 1450 WHRY WI **Hurley** – 5/7 0724 – Poor with contest promo "... chances to win this morning, 239-XXXX, the Oldies Station, 1450 WHRY" and lost in seconds. **(JJR-MI)**
- 1480 KKCQ MN **Fosston** – 5/5 0800 – Poor but steady with end of fishing show, ToH ID into ABC news. **(JJR-MI)**
- 1550 WSDK CT **Bloomfield** – 5/15 2100 – Pretty much alone on frequency with end of "Truth for Life" gospel program, "this is Life Changing Radio 1550 AM WSDK Bloomfield-Hartford" ToH ID into SRN news. QSLed as WMLB on CPC test in 1980. **(MKB-ON)**
- 1660 WCNZ FL **Marco Island** – 5/5 0715 – Playing a mix of jazz and blues, ID with call letters at TOH, then ID promo, "Your music box 1410 1480 and 1650 Avenue FLA." Poor signal at TOH then improved somewhat with slight fading. **(PLG-FL)**

# *International DX Digest*

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

## Trans-Atlantic DX

- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi APR 26 0030 – Parallel 549 with *Jil FM* ID by woman; to fair peak. [Connelly-MA]  
549 **ALGERIA** *Jil FM*, Les Trembles APR 26 0030 – Pop Arabic vocal; to fair peak. [Connelly-MA] MAY 23 0100 – Excellent, stronger than adjacent 550 WDEV; *Jil FM* IDs by a woman, contemporary Middle Eastern vocal, parallel a much weaker 531 kHz. These were the only two readable TA signals other than 1521 Saudi Arabia. [Conti-ME]  
621 **CANARY ISLANDS//SPAIN** *RNE1* synchros APR 26 0012 – Man in Spanish; fair to good. [Connelly-MA]  
711.07 **WESTERN SAHARA** *SNRT* Laayoune APR 26 0012 – Carrier, bits of audio. [Connelly-MA]  
747 **CANARY ISLANDS//SPAIN** *RNE5* synchros APR 26 0012 – Man in Spanish; poor. [Connelly-MA]  
783 **MAURITANIA** *R.Mauritanie*, Nouakchott APR 26 0012 – Man in Arabic; good, strongest TA during semi-auroral conditions. [Connelly-MA]  
1088 **ANGOLA** *R.Nacional*, Mulenvos APR 26 0012 – Slow vocal music; to fair peak, better than aurorally-weakened 1089 kHz. [Connelly-MA]  
1521 **SAUDI ARABIA** *BSKSA* Duba APR 26 0030 – Arabic newstalk; fair. [Connelly-MA]

## Trans-Pacific DX

- 747 unID MAY 23 0750 – Presumed transpacific at this hour; carrier in lightning noise, no audio. [Conti-ME]  
1107 unID MAY 23 0800 – Also presumed transpacific; carrier only. Gone by 0830 UTC. Grayline through Australia and PNG. [Conti-ME]

## Pan-American DX

- 526 **BAHAMAS** *ZLS Stella Marais* Int'l Airport, Long Island APR 26 0100 – ZLS code ID's; good. [Connelly-MA]  
530 **CUBA** *R.Enciclopedia*, Villa María APR 26 0100 – Light instrumental, *R.Enciclopedia* ID by woman; fair. [Connelly-MA] MAY 23 0858 – Good; easy listening instrumentals through the hour without ID. [Conti-ME]  
540 **CUBA** *R.Rebelde*, Sancti Spíritus MAY 23 0901 – Fair; organ theme music, "Rebelde la habana, emisora de la revolución," parallel 600, 670, 710, 1140, 1180, and 1620 kHz. [Conti-ME]  
540 **GRENADA** *GBN Klassic AM*, St. George's APR 26 0012 – Reggae/calypso; fair, over WFLF and CBT. [Connelly-MA]  
540 **MEXICO** *XEWA* San Luís Potosí MAY 5 1115 – I awaken briefly and turn on a radio here, to find a quickly echoing signal in Spanish, some kind of dramatic narration with music; furthermore there is a steady SAH of 200/minute = 3.33 Hz. I conclude it could only be the hi-power 150 kW XEWA in San Luís Potosí SLP with reverb/echo from the other lo-power 1 kW XEWA in Monterrey NL. The echo and the SAH must be very annoying in the equal-signal area somewhere between the two sites, i.e. not far outside Monterrey, and even in direxions other than SLP. [Hauser-OK]  
550 **CUBA** *R.Rebelde*, Pinar del Río MAY 23 0830 – Poor in lightning noise; tropical music parallel 540 and 600 kHz. [Conti-ME]  
570 **CUBA** *R.Rehoy*, Santa Clara APR 26 0012 – Rehoy newstalk by woman, Morse "RR" beeps, ticks, talk by man; huge, way over WMCA. [Connelly-MA] MAY 23 0901 – RR code through unID Spanish and WSYR. [Conti-ME]  
580 **MEXICO** *XEMU* Piedras Negras, Coah. MAY 13 0545 – Rancheras and norteños with frequent time checks and "La Ranchita del Aire" slogan ID's by man. Poor in mix but sometimes dominant. [Vance-TX]



- 580 **PUERTO RICO** WKAQ San Juan APR 26 0012 – Talk parallel 600 WYEL; over WTAG. [Connelly-MA] MAY 23 0845 – Fair; infomercial repeating phone number several times with mentions of puertorriqueños. [Conti-ME]
- 590 **CUBA** *R.Musical Nacional*, Santa Clara MAR 13 0000 – "Radio Musical" ID, harp music, into classical music. [Saylor-PA]
- 600 **CUBA** *R.Rebelde*, San Germán APR 26 0012 – Man with sports talk parallel 670; under WYEL. [Connelly-MA]
- 600 **PUERTO RICO** WYEL Mayagüez MAR 11 0400 – Presumed with pop music including Lady Gaga's "Edge of Glory," *R.Reloj* ID then back and forth talk by a man and woman in Spanish. No call sign or mention of parallel 580 WKAQ at top of hour (580 was not audible at this time); their AM format is listed as news/talk, but their FM reportedly broadcasts contemporary hits format, so could this be a simulcast of FM? [Saylor-PA] APR 26 0012 – Talk parallel 580 WKAQ; over Cuba. [Connelly-MA]
- 600.125 unID APR 26 0012 – Possibly Colombia with off-channel growl. [Connelly-MA]
- 600.645 unID APR 26 0012 – Off-channel carrier. [Connelly-MA]
- 610 **CUBA** *R.Rebelde*, multiple sites APR 26 0012 – Man with sports talk parallel 670; under WGIR and WIOD. [Connelly-MA]
- 610 **MEXICO** XEGS Guasave, Sin. MAY 23 1124 – Banda music; canned slogan at 1125 sounding like, "Con la música... aquí sueño Sinaloa por G-S, la que más que te ofrece," or similar; more music followed. Briefly fair but soon lost to KNML. [Wilkins-CO]
- 620 **CUBA** *R.Rebelde*, Colón APR 26 0012 – Man with sports talk parallel 670; dominant. [Connelly-MA]
- 620 **MEXICO** XEBU Chihuahua, Chih. MAY 10 1135 – Mexican music; male announcer with "La Norteñita" slogans, as well as time (UTC-6) and temperature checks. Fair signal mixing with another station, KTAR, I think. [Wilkins-CO]
- 630 **CUBA** *R.Progreso*, multiple sites APR 26 0030 – Progreso pop music parallel 650; under WPRO. [Connelly-MA]
- 630 **MEXICO** XEFB Monterrey, NL MAY 13 0855 – Poor with baladas, caught "XEFB... Grupo Radio Mexico..." ID snippet on the hour. Mixing with KSLR Texas. [Vance-TX]
- 640 **CUBA** *R.Progreso*, two sites APR 26 0012 – Parallel 650 with female uptempo folk-style vocal and percussion; over YVQO. [Connelly-MA]
- 640 **VENEZUELA** YVQO *Union Radio*, Puerto La Cruz APR 26 0012 – Venezuela news items; under Cuba. [Connelly-MA]
- 650 **CUBA** *R.Progreso*, Ciego de Avila APR 26 0012 – Parallel 640 with female uptempo folk-style vocal and percussion; dominant. [Connelly-MA]
- 660 **MEXICO** XEDTL *R.Ciudadana*, México DF MAY 11 1050-1115 – Ads 1056 with peso quotes, female mentioning "Antena Radio" whatever that was about and today's date, into news headlines by man, mention of "Instituto Mexicano" into horribly long choral version of anthem 1100-1105, female, "radio pública... XEDTL... Radio Ciudadana..." into ads, then oldie female vocal. Peaking 1100 UTC, almost gone by tune-out. [Krueger-FL]
- 670 **CUBA** *R.Rebelde*, multiple sites APR 26 0012 – Parallel 770 with sporting event; dominant. [Connelly-MA] MAY 23 0800 – Sounder through lightning noise and unIDs. [Conti-ME]
- 690 **CUBA** *R.Progreso*, Santa Clara APR 26 0012 – Vocal parallel 650; fair, over others. [Connelly-MA]
- 710 **CUBA** *R.Rebelde*, multiple sites APR 26 0012 – Sports talk parallel 670; under WOR. [Connelly-MA]
- 720 **CUBA** *R.Progreso*, Mabujabo APR 26 0058 – Beatles "Ob-La-Di Ob-La-Da" parallel 640, 650, 900; briefly atop. [Connelly-MA] MAY 23 0830 – Fair; salsa parallel 640, 690, and 750 kHz. [Conti-ME]
- 720 **NICARAGUA** *R.Catolica*, Managua APR 26 0100 – Serious-sounding talk, *R.Catolica* ID; through jumble with Cuba, others. [Connelly-MA]
- 730 **COLOMBIA** HJCU *Cadena Melodia*, Bogotá APR 26 0100 – ID "Cadena Melodia de Colombia"; over CKAC. [Connelly-MA]
- 740 **BRAZIL** ZYH446 *R.Sociedade da Bahia*, Salvador APR 26 0013 – Reverberated man in Portuguese; slightly over others. 0029 reverberated Portuguese shouting, raygun sounds; over CHCM. [Connelly-MA]
- 750 **CUBA** *R.Progreso*, Palmira APR 26 0012 – Vocal parallel 650; over YVKS. [Connelly-MA]
- 750 **VENEZUELA** YVKS *R.CR* Caracas APR 26 0030 – Spanish talk with *R.CR* ID; mixed with WSB and Cuba. [Connelly-MA]
- 760 **COLOMBIA** HJAJ RCN Barranquilla APR 26 0012 – Excited Spanish talk by man with mentions of Colombian sports teams; good, over Brazil and WORA. 0030 parallel 1000 kHz with pips on half-hour, talk by two men; good. [Connelly-MA]

- 770 **CUBA** *R.Rebelde*, Victoria de las Tunas APR 26 0012 – Parallel 670 with sporting event; over WABC. [Connelly-MA]
- 780 **BRITISH VIRGIN ISLANDS** ZBVI Roadtown, Tortola APR 26 0101 – Woman with announcement, "We're online at [www.zbvi.com](http://www.zbvi.com)"; over *R.Coro*. [Connelly-MA]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro APR 26 0012 – *R.Coro* ID, political talk; over ZBVI. [Connelly-MA]
- 790 **CUBA** *R.Relej*, Pinar del Río and Holguín APR 26 0012 – Ticks, "RR" beeps; under WPRV. [Connelly-MA]
- 790 **MEXICO** XERPC Chihuahua, Chih. MAY 23 1111 – Non-descript vocal music; "Estéreo Fiesta" slogans. Fair signal but battling with local noise. Hard to get used to the new slogan after decades of "Radio Ranchito." [Wilkins-CO]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk MAR 12 0200 – ID in Spanish and religious instrumental music. [Saylor-PA] APR 26 0030 – Signal rapidly popped up over WNNW and others (pattern change?), Spanish ID "Radio Transmundial" and mention of "Bonaire, Antillas Holandesas"; good. [Connelly-MA]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá MAR 13 0000 – "Caracol Radio" ID mixing with WGY. [Saylor-PA] APR 26 0029 – Parallel 1100, 1170 with two men in Spanish; in jumble. [Connelly-MA]
- 810 **MEXICO** XESB Santa Bárbara, Chih. MAY 14 0520 – *R.Mexicana* dominating the frequency, looping southwest. IRCA Mexican Log and WRTH show the only one called this on 810, and the direxion fits too, is XESB Santa Bárbara, Chihuahua, "Radio Mexicana, La S-B," but it's a 1 kW daytimer, supposedly signing off at 0100. However, Cantú shows it as full-time 1 kW, instead in a nearby town: 810 XESB Radio Mexicana, Hidalgo del Parral, Chih. 1,000 1,000. All lists also show a similar station name not to confuse with it: 810 XEIM Fiesta Mexicana + FM 91.3 Saltillo, Coah. 1,000 500. [Hauser-OK]
- 820 **CUBA** *R.Relej*, Ciego Avila APR 26 0012 – Reloj program; temporarily atop St. Kitts. [Connelly-MA]
- 820 **ST. KITTS & NEVIS** TBN *R.Paradise*, Charlestown APR 26 0028 – U.S. preacher and piano music; good, way over Reloj Cuban. 0100 TBN net ID; loud over het from 819.54 Colombian. [Connelly-MA]
- 840 **HAITI** *Radio 4VEH*, Cap Haitien APR 26 0012 – Hymn; over Brazil and Cuba. [Connelly-MA]
- 860 **BRAZIL** ZYJ459 *Radio CBN*, Rio de Janeiro APR 26 0012 – Man in Portuguese, CBN net ID, "CBN futebol" promo; good, way over Reloj and presumed St. Kitts & Nevis. [Connelly-MA]
- 870 **CUBA** *R.Relej*, multiple sites APR 26 0012 – Reloj news, ticks, "RR"; over WLVP and unID Spanish talker. [Connelly-MA]
- 900 **CUBA** *R.Progreso*, San Germán APR 26 0011 – Parallel 650 with Cuban female vocal and orchestra; good. [Connelly-MA]
- 900 **MEXICO** XEWB *Los 40 Principales*, Veracruz, Ver. MAY 8 1052-1110 – Finally ID'ed this mystery XE under the bigger Mexican *W Radio* on 900 this morning. XEWB Veracruz (which used to be another "W" relay) with Spanish techno-pop vocals, female DJ mentioning, "...Martes, 8 de mayo" and time check, anthem from 1101, clear "Los Cuarenta Principales" heard a couple of times, which made no sense till checking Fred Cantú's list, which shows: 900 XEWB Los 40 Principales + FM 98.9 Veracruz 50,000/10,000. So, for certain no longer simulcasting *W Radio* (which explains not hearing the out-of-sync *W Radio* audio here for awhile). *W Radio* seems to air the anthem just before 1100 consistently, with this one 1-3 minutes later. And here is a nice quality full ID (I didn't hear anywhere near all of this) which I happened to find on [www.youtube.com/watch?v=F1b8xZ6rWRI](http://www.youtube.com/watch?v=F1b8xZ6rWRI). So I ask, what's the significance of *40 Principales* in context to a radio slogan? Not very snappy for a station with such hip music as Shakira and current Mexican dance-oriented bands per their website. [Krueger-FL] *40 Principales is Top 40?*
- 930 **CUBA** *R.Relej*, multiple sites APR 26 0100 – Reloj news, ticks, "RR" beeps; under WPKX. [Connelly-MA]
- 930 **CUBA** *R.Surco*, Ciego de Avila MAR 12 0200 – Latin American vocals and "Radio Surco" ID by woman, wobbly carrier. [Saylor-PA]
- 940 **BRAZIL** ZYJ453 Rio de Janeiro APR 26 0013 – Reverberated Portuguese man with futebol mentions; over WIPR and YVNN. [Connelly-MA]
- 940 **PUERTO RICO** WIPR *Máxima 940*, San Juan APR 26 0028 – Bayamon mentions; evenly mixed with Brazil. [Connelly-MA]
- 950 **CUBA** *R.Relej*, two sites APR 26 0012 – Reloj news; mixed with unID Latin American music station. [Connelly-MA]

- 960 **CUBA** *R.Reloj*, Guantánamo APR 26 0029 – Reloj newstalk, beeps, ticks; dominant. [Connelly-MA]
- 960 **VENEZUELA** *R.Venezuela*, Acarigua APR 26 0013 – Male pop ballad vocal, "en Venezuela" mention; over Cuba. [Connelly-MA]
- 960.169 unID APR 26 0029 – Het growl. [Connelly-MA]
- 980 **CUBA** *COCO* Ciudad de la Habana MAY 12 0018 – Very good with baseball coverage. [Krueger-FL]
- 980 **MEXICO** unID MAY 5 1039 – Spanish female nonstop talk about children's social services issues, destroyed at 1045 by 970 WFLA IBOC. Seemed to point around 280-290 degrees. Not a Spanish religious format, so I think KRTX Rosenberg-Richmond, Texas 1000/4000 can be ruled out, putting this in Mexico regardless of my LOB on an active portable loop and compass. [Krueger-FL]
- 990 **MEXICO** unID MAY 5 1105 – Weak with Mexican national anthem from 1106, into Tejano vocals, probably after an ID that was not heard, immediately lost. Suppose 980 and 990 will be my next pursuits for ID's though the coveted 1100 anthem time with almost guaranteed ID's before/after are quickly slipping away to an earlier peak local mornings here. [Krueger-FL]
- 990 **VENEZUELA** *YVTA R.Tricolor*, Barquisimeto APR 26 0012 – Phone interview in Spanish about Venezuelan issues; slightly over jumble. [Connelly-MA]
- 1000 **COLOMBIA** *HJAQ RCN* Cartagena APR 26 0030 – Parallel 760 with pips on half-hour, Spanish talk by two men; good. [Connelly-MA]
- 1020 **CUBA** *R.Reloj*, Victoria de las Tunas APR 26 0012 – Reloj news by man and woman, Washington mention; mixed with unID Latin American music station. [Connelly-MA]
- 1030 **ARGENTINA** *LS10 Radio del Plata*, Buenos Aires MAR 12 0400 – Romantic accordion music to the hour, 5 short and one long time pip (same pitch) while music still played, then ID by man "Radio Noticias del Plata" into presumed news in Spanish by a woman. At 0430 presumed news again by woman with a man announcing before each segment e.g., "internacional," short piano/accordion interlude, then more talk. [Saylor-PA] APR 26 0030 – Tentative; 2+1 pips on half-hour, man in Spanish; way under WBZ's annoying "Kars4Kids" advert. [Connelly-MA]
- 1040 **BRAZIL** *ZYK537 R.Capital*, São Paulo APR 26 0011 – Portuguese talk by man; briefly atop mess/growl. [Connelly-MA]
- 1040 unID MAY 23 0900 – Through sub-audible hets; "Cinco en la mañana" time check and news/talk. [Conti-ME]
- 1090 **MEXICO** *XEAU Mileneo Radio*, Monterrey, NL MAY 20 1056 – XEMCA Tampico is the dominant one here local sunrise, so I expected this was them with anthem from 1056, but surprised by male, "Esta es XEAU, Mileneo Radio..." at 1058, into Spanish vocals. Good. [Krueger-FL]
- 1100 **BRAZIL** *ZYK694 R.Globo*, São Paulo MAR 11 0345 – Was surprised to hear "Radio Globo" ID and mention of Brazil here while trying to notch out 1100 to see who was on 1100.27 kHz (see below). [Saylor-PA] APR 26 0011 – Two men with excited Portuguese shouting, advert, Globo jingle; good. [Connelly-MA] MAY 23 0040 – Through lightning noise; telephone talk in Portuguese. [Conti-ME]
- 1100 **COLOMBIA** *HJAT Caracol Radio*, Barranquilla MAR 11 0405 – "Caracol Radio" ID and tune; definitely off-frequency at 1100.27 this night but back on 1100.00 the next night. [Saylor-PA] APR 26 0029 – Parallel 810, 1170 with two men in Spanish; under Brazil. [Connelly-MA]
- 1110 **CUBA** *R.Angulo*, Holguín MAY 23 0800 – Over/mostly under WBT; *R.Angulo* ID with bells into news/talk. [Conti-ME]
- 1110 **VENEZUELA** *YVQT Carúpano* MAY 23 0138 – Fair in lightning noise; "¡En Venezuela, Carúpano!" and romantic vocal. [Conti-ME]
- 1120 **PUERTO RICO** *WMSW R.Once*, Arecibo APR 26 0101 – "Puerto Rico... WMSW" ID in Spanish talk; over WBNW. [Connelly-MA]
- 1130 **BRAZIL** *ZYJ460 R.Nacional*, Rio de Janeiro APR 26 0012 – Woman in Portuguese; under WBBR and over possible YVRL. [Connelly-MA]
- 1140 **CUBA** *R.Rebelde*, multiple sites MAY 23 0901 – Fair; organ theme and ID parallel 540, 600, etc. [Conti-ME]
- 1140 **CUBA** *R.Musical Nacional*, unknown site MAY 10 1054 – Fair in the mess of other sunrise stations, parallel 590. Possibly the same transmitter that is or at least was carrying *R.Cadena Habana* (neither listed in the Molano CTOM list). Appears to LOB slightly east of Havana-proper, regardless. [Krueger-FL]

- 1160 **BERMUDA** VSB3 Hamilton APR 26 0031 – BBC news by woman mentioned UN Security Council, peace plan; good, over others. [Connelly-MA] MAY 23 0030 – Fair; BBC promos and news. [Conti-ME]
- 1170 **COLOMBIA** HJNW CARACOL Cartagena APR 26 0029 – Parallel 810, 1100 with two men in Spanish; briefly over two other Latin Americans. [Connelly-MA]
- 1170 **MEXICO** XERT *Ke Buena*, Reynosa, Tamps. MAY 10 1057 – National anthem up at 1057. Very, very poor and no ID caught after, then immediately lost. IDed the next day. MAY 11 1029-1038 – Male, "Ke Buena... AM..." at 1030 just before PSR power up from WAVS Davie, Florida with their English Caribbean programming, though pieces of XERT were audible with Mexi-tunes under. [Krueger-FL]
- 1180 **CUBA** *R.Rebelde*, multiple sites APR 26 0012 – Sporting event (likely baseball) parallel 670; dominant, some echo. [Connelly-MA]
- 1190 **COLOMBIA** HJCT *La Voz de la Costa*, Barranquilla APR 26 0101 – ID "La Voz de la Costa"; under WLIB. [Connelly-MA]
- 1210 **CUBA** *R.Caribe*, La Fe, Isla de la Juventud APR 26 1101 – ID over steel pans, four chimes and time check by man, kiddie talking/singing, another ID. Parallel 1220, so clearly a second Caribe transmitter. [Krueger-FL]
- 1210 **CUBA** *R.Rebelde*, unknown site APR 26 0012 – Sporting event (likely baseball) parallel 670; alone on channel. [Connelly-MA] APR 30 1058-1110 – Rebelde sounders, back to male newscast, sounders 1102 and ID. Fair-poor amongst WNMA Miami Springs with Spanish sports roundup, and 'new' *R.Caribe* (see log). Last heard here in November 2010, LOBS Chirivico, Santiago de Cuba per P.Zecchino follow-up on my log back then. MAY 12 1100 – Again heard. Rebelde sounder and ID, poor under many others. [Krueger-FL]
- 1220 **BRAZIL** ZYJ458 *R.Globo*, Rio de Janeiro APR 26 0012 – Two men with Portuguese sports talk; to good peak. [Connelly-MA] MAY 23 0042 – Through WSTL and lightning noise; telephone talk parallel 1100 kHz. A number of presumed Brazilian signals peaked through the hour, including 700, 760, 860, 1000, and 1040, but the lightning noise was so loud that only this and 1100 could be positively ID'ed by parallels. [Conti-ME]
- 1280 **BRAZIL** ZYJ455 *Super R.Tupi*, Rio de Janeiro APR 26 0012 – Fast Portuguese talk by man; mixed with WPKZ, Bermuda, others. [Connelly-MA]
- 1540 **BAHAMAS** ZNS1 Nassau MAR 12 0400 – Blues music program, ZNS ID. [Saylor-PA] APR 26 0030 – Soca vocal; good. 0101 political talk, "There are only 11 more days and the sun will set on what history will record as the worst 5 year term of any political party in the modern Bahamas." Loud, way over WXEX. [Connelly-MA]
- 1550 **COLOMBIA** HJCB *Radio El Sol*, Barranquilla MAR 12 0431 – Light music then ID, "Noticias, música y deporte... Radio El Sol." (Thanks to Henrik Klemetz and Renato Bruni on RealDX for ID.) Fighting with Cuba but on top at the bottom of the hour. [Saylor-PA]
- 1580 **COLOMBIA** HJQZ *R.Maria*, Barranquilla APR 26 0030 – Religious talk by woman in Spanish; over second Spanish speaker. 0100 *R.Maria* ID, piano music. [Connelly-MA]
- 1610 **ANGUILLA** *Caribbean Beacon*, The Valley MAR 12 0400 – Under CHHA with presumed Mrs. Scott's preaching in English. [Saylor-PA] APR 26 0101 – Religious talk by woman in English; to good peak over jumble. [Connelly-MA]

### Contributors

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, cardioid-pattern Micro-SuperLoop on car roof, square, 2 m per side, with 9:1 xfmr on east bottom corner to speaker wire to 2:1 xfmr to W7IUV transfer amp, and 9:1 xfmr on west corner to speaker wire to 500 ohm null-adjust potentiometer.

Bruce Conti WPC1CAT, Camden ME; WiNRADiO Excalibur, 160-m 200° south Beverage.

Glenn Hauser, Enid OK; DX-398 with internal antenna only.

Terry L. Krueger, Clearwater FL; NRD-535, Icom IC-R75, Sangean PR-D5; 1 X roof dipole, 1 X room random wire.

Brett Saylor, Bellefonte PA; Perseus, 400-ft BOG at 180 degrees (pointed towards Cuba, Colombia and Venezuela) on MAR 12. State College PA; Perseus, 16 x 32-ft corner-terminated Superloop on all other nights.

Robert Vance, El Paso TX; WiNRADiO G303e/PD, 12 x 9-ft terminated corner-fed north and east loops, 25-yr old Palomar Loop.

John Wilkins, Wheat Ridge CO; Drake R8, 4-foot box loop.

### The Ruby Princess Bandscans

*Winter cruise vacation report by Roger Gravelle*

The following bandscans were logged aboard the cruise ship Ruby Princess. I was on Deck 17 about 120 feet above sea level using a Tecsun PL-606. This first scan was from JAN 16 1700-1800 UTC while docked at the south end of Eleuthera, The Bahamas, about 288 miles south/southeast of Fort Lauderdale, Florida.

- 560 WQAM Miami, FL; with strong Cuba.
  - 610 WIOD Miami, FL; with strong Cuba.
  - 710 WAQI Miami, FL; with strong Cuba.
  - 740 WSBR Boca Raton, FL
  - 850 WFTL West Palm Beach, FL; strong.
  - 880 WZAB Sweetwater, FL; weak but listenable.
  - 920 WDMC Melbourne, FL; weak but listenable.
  - 940 WINZ Miami, FL; strong.
  - 1060 WIXC Titusville, FL; poor.
  - 1080 WMCU Coral Gables, FL; with strong Cuba.
  - 1170 unID; noisy, poor.
  - 1240 unID English; Melbourne, FL?
  - 1290 WJNO West Palm Beach, FL; good.
  - 1300 WFFG Marathon & WMEL Cocoa Beach, FL; garbled.
  - 1470 WWNN Pompano Beach, FL; fair to good.
  - 1510 WWBC Cocoa, FL; presumed with Turning Point religion.
  - 1520 WEXY Wilton Manors, FL; weak.
- Note: 89.3, 89.7, and 90.9 FM all in as well at 288 miles.

The next scan taken while the Ruby Princess was docked in St. Maarten (Dutch end), JAN 18 1700-1835 UTC.

- 555 ZIZ St. Kitts & Nevis; in English.
- 580 St. Martin; talk radio in French.
- 630 unID; Spanish.
- 640 Point-à-Pitre, Guadeloupe; in French.
- 680 WAPA San Juan, PR; Spanish, strong.
- 740 unID; Spanish.
- 820 TBN St. Kitts & Nevis; strong signal in English.
- 840 WXEW Yabucoa, PR; Spanish, travel info.
- 860 VON St. Kitts & Nevis; English, music, strong.
- 890 unID; Spanish.
- 940 WIPR San Juan, PR; Spanish.
- 970 WSTX Christiansted, VI; English.
- 1000 WVWI St. Thomas, VI; English.
- 1030 WOSO San Juan, PR; CBS news.
- 1060 WCGB Juana Diaz, PR; SRN news, religion in English.
- 1090 WGod St. Thomas, VI; SRN news, mixed with WSOL San German, PR.
- 1160 *R.Lighthouse*, St. John's, Antigua; BBC news.
- 1240 unID; Spanish.
- 1300 PJD-2 St. Maarten; English.
- 1340 WSTA St. Thomas, VI; English.
- 1370 WIVV Vieques, PR; presumed this with religion.
- 1470 WKCK Orocovis, PR.
- 1590 unID; Spanish, maybe Puerto Rico.
- 1610 *Caribbean Beacon*, Anguilla; religion in English.
- 1620 WDHP Frederiksted, VI; English.

It was fun DXing, but limited time. 73 – Roger.

### International News

**MEXICO:** Hot tip from Julián Santiago Díez de Bonilla, and Héctor García Bojorge in the DF of a brand-new Mexico City station on the x-band at **1650 kHz**, heard from 0230 UT April 27, XEAZR *Radio Zer*, part of the group of that name, ID as "ZER Radio 1650, XEAZR, una emisora de Grupo Radiofónico ZER." But Roberto Gómez citing apparently official info says the call is XEARZ, and the power is 5 kW day and night. They were playing instrumental music. Cantú shows this: 1650 XEARZ (en construcción) México, DF 5,000 ? (night power unknown), and in the DF list adds this: 1650 XEARZ En construcción. 5,000 watts. Permisiónada (sin fines de lucro) pero parte de Grupo ZER. i.e. its permit is non-profit, so no ads? [Glenn Hauser, *DX Listening Digest*]

73 and Good DX!

# *DX Tool Box*

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## **Improving your DX skills – tips from new and veteran members**

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 40.

### **SDR Loggings and Tips**

The SDR receivers are great to use, from everything I have heard and seen. I do have one comment about them that must be considered for the AM radio band DXer. That comment can be summed up in one word: Antenna. You may have to re-think your DXing habits with an SDR unit when you want to record the whole AM band.

Most of us use a loop antenna of some sort and find them very sharp. Well, if you are going to use the SDR's ability to record the whole AM band at once, this will have to change. If your loop is tuned to a certain frequency the further away you get from the tuned frequency the weaker the signals will become. This will have an effect on what you hear on other frequencies being recorded. In fact as you get far enough away from the tuned frequency, there may be no signals to record at all.

There is also the effect on signal strength based on the direction your loop is pointed. The loop will null signals off its side as it should but if a signal is another direction other than the one you have set up then the signal strength will be less on your recording.

The combination of direction and the frequency tuned could be a major problem for the AM band DXer when trying to use an SDR to its fullest potential. This could cause you to rethink not only the antennas you utilize in your DXing but whether or not an SDR radio is for you at all. That is not to say that an SDR is a bad option for DXing as they have many, many things going for them, but they are not perfect for all of us.

A longwire antenna or some other nontuned antenna may be all you will be able to use to record the whole band. There are numerous antennas out there besides the longwire that should help out in whole band recording. This may include antennas such as: untuned loops, Beverages, verticals, slopers, and active antennas. Your location, yard space or lack thereof, zoning restrictions, overhead power lines, etc. may all come into play when choosing an antenna other than an indoor loop.

Now that is not to say that the SDR and a loop antenna are not a good combination. It just means that the range that you can record at "full strength" may be limited to a much narrower band width than is technically possible in reality. You should be able to hear and record stations on the center frequency and at least one to three frequencies on either side with not too much of a degrading of the signal quality.

You can see Kraig Krist's loggings below to see how his wire antenna is doing. And it looks like it is doing fine from where I sit.

I guess you can say they are still working on the perfect radio and antenna combination. SDR units go a giant step towards that goal but there are still things any DX'er must consider when buying one or any other radio for that matter. Here is hoping we all live long enough to use them.

Logs from February 3, 2012, 1715-2215 EST using WiNRADiO G33DDC SDR receiver with homemade 134 foot multiband antenna running NW to SE.

- 1320 WICO MD Salisbury. Mixing with WAGY, WJNJ, WJAS and other singing. 1735 OM "Delmarva's talk station. The place to go on your radio. 92 point 5 and 13-20 WICO...".
- 1320 WJNJ FL Jacksonville. Mixing with WAGY, WICO, WJAS and other singing. 1802 OM "Church of Jacksonville broadcasting... [www.ljax.com](http://www.ljax.com)...".
- 1330 WBTM VA Danville. Mixing with WRAA, WVHI, WYRD, WSPQ, talk, singing and Vision Christiana (either directly from Dominican Republic or WWRV). WBTM with oldies. 1759 OM "Your music plays here. 13-30 WBTM Danville".
- 1330 WVHI IN Evansville. Mixing with WRAA, WBTM, WYRD, WSPQ, talk, singing and Vision Christiana (either directly from Dominican Republic or WWRV). 1728 OM "It's the sounds of southern Gospel coming to you every Saturday at 5PM right here on WVHI".
- 1330 WSPQ NY Springville. Mixing with WRAA, WBTM, WYRD, WVHI, talk, singing and Vision Christiana (either directly from Dominican Republic or WWRV). 1955 OM "...with the greatest music ever made from classic hits 13-30 WSPQ" into "Kung Foo Fighting" song.

- 1330 either WWRV NY New York City or HVC Santo Domingo, Dominican Republic. 1856 OM in Spanish "Santo Domingo Republica Dominicana".
- 1340 WJRI NC Lenoir. Mixing with singing, oldies, Fox sports, ESPN and c&w. 1726 OM "... right here on news talk 13-40 WJRI".
- 1350 WGPL VA Portsmouth. Mixing with WARF, WOYK, other talk, music and c&w. WGPL with urban oldies. 1802 OM "13-50 AM your passionate leader". 1812 ET YL "Don't touch it. Don't move it. There's nothing like this music. Passion 13-50 AM" OM "Thank you Mimi and you are exactly right. There's nothing like this music. We are the baddest station in the nation. The all new passion 13-50 AM."
- 1360 WELP SC Easley . Mixing with WCHL, WSAI, WPPA and Spanish. 1729 ET OM "Radio that changes the way you live. WELP Easley Greenville".
- 1360 WCHL NC Chapel Hill. Mixing with WELP, WSAI, WPPA and Spanish. 1758 ET OM with ad for "Performance Auto Mall in Chapel Hill" into promo for buying local. YL "Thank you WCHL".
- 1370 WVMR WV Frost. Mixing with WSPD, WGIV, WTAB, WXXI and oldies. 1800 ET OM "It is now time for WVMR 13-70 AM Frost West Virginia to end its broadcast day. WVMR operates on an assigned frequency of 13-70 kilohertz under authority granted to the Pocahontas Communications Cooperative Corporation. Our studios and offices are located near Frost West Virginia. We invite you to tune into one of our sister stations...".
- 1380 WKJV NC Asheville. Mixing with WNRR, WWMI, rock & roll, Spanish and Chinese. 1718 ET OM "Welcome to 'Prayer and Issues' on WKJV". 1747 ET OM with funeral notices.
- 1380 WNRR SC North Augusta. Mixing with WKJV, WWMI, rock & roll, Spanish and Chinese. OM "News radio WNRR".
- 1390 WZQQ KY Hazard. Mixing with WNIO, WZHF, WEED, WSPO, ESPN, singing and oldies. 1838 ET OM "... every Sunday from 1 PM to 5 PM on the talk of the county 13-90 AM WZQQ."
- 1390 WEED NC Rocky Mount. Mixing with WNIO, WZHF (with V. of Russia programming), WZQQ, WSPO, ESPN, singing and oldies. 1818 ET OM "WEED Rocky Mount 13-90 jammin' Gospel".
- 1400 WAJL VA South Boston. Mixing with WPCE and talk. 1859 ET OM "You're listening to AM 14 hundred WAJL South Boston Virginia".
- 1400 WPCE VA Portsmouth. Mixing with WAJL and talk. 1740 ET YO "Whatever you do, make sure you're tuned in right here 14 hundred AM WPCE".
- 1410 WHLN KY Harlan. Mixing with WING, KQV, WPOP and c&w. 1716 ET YL "We're your music station for the best variety." OM "WHLN 24 7 count on us" into song.
- 1410 WING OH Dayton. Mixing with WHLN, KQV, WPOP and c&w. WING with typical ESPN radio programming. 1728 ET OM "14-10 WING ESPN radio".
- 1420 WVOT NC Wilson. Mixing with WKCW and talk. WVOT with Gospel songs. 1800 ET OM "Top Gospel hits in America." 1901 ET YL with ad for advertising on WVOT. YL "We are 14-20 WVOT Wilson North Carolina."
- 1430 WNSW NJ Newark. Mixing with CHKT, WVAM, WEIR, singing, oldies and other talk. WNSW with V. of Russia programming. 1900 ET YL "Welcome to Voice of Russia broadcasting on 13-90 AM Washington DC and 14-30 AM New York."
- 1430 WVAM PA Altoona. Mixing with CHKT, WNSW, WEIR, singing, oldies and other talk. WVAM with a call in show about the Super Bowl. OM "Mike from Altoona". 1830 ET OM "Mike and Mike will talk about it weekday morning on ESPN radio 14-30 WVAM."
- 1430 WEIR WV Weirton. Mixing with CHKT, WNSW, WVAM, singing, oldies and other talk. 1909 ET OM "You're listening to... on sports radio 14-30 WEIR. We're also streaming online at weir (said as word we're) sports dot net."
- 1440 WKLV VA Blackstone. Mixing with WAJR, WHKZ, WGIG, singing and rock & roll songs. 1715 ET OM "This is 14-40 AM Blackstone with the Fox sports radio". "Loose Cannons Show".
- 1440 WAJR WV Morgantown. Mixing with WKLV, WHKZ, WGIG, singing and rock & roll songs. 1732 ET OM "WAJR news time 5 33..." Different OM "This is the Capitol Report on... the voice of West Virginia...".
- 1440 WGIG GA Brunswick. Mixing with WKLV, WHKZ, WAJR, singing and rock & roll songs. 1759 ET OM "The Rush in on. Rush Limbaugh weekdays from 12 to 3 only on... radio 14-40 WGIG Brunswick".
- 1450 WREL VA Lexington. Mixing with WVAX, c&w, oldies and other ESPN. 1929 ET OM "AM 14-50 WREL Lexington a... station" into news.
- 1450 WVAX VA Charlottesville. Mixing with WREL, c&w, oldies and other ESPN. 1730 ET OM "This is ESPN radio 14-50 WVAX".

- 1470 WLMC SC Georgetown. Mixing with Religious songs, talk, other talk and Spanish. 1905 ET OM "This is 14-70 WLMC I'm Rod Stallings with you..."
- 1480 WYZE GA Atlanta. Mixing with WPWC, WGUS, WDJO, WHBC, WADR, R. Disney and Fox Sports. 1802 ET OM "... invite you to tune in each Saturday 8PM... inspire, lift... praise... right here... AM 14-80 WYZE". Must have gone to night power as signal gone.
- 1480 WGUS GA Augusta. Mixing with WPWC, WYZE, WDJO, WHBC, WADR, R. Disney and Fox Sports. 1801 ET OM in English "WGUS AM Augusta... FM Warrenton".
- 1480 WPWC VA Dumfries-Triangle. Mixing with WGUS, WYZE, WDJO, WHBC, WADR, R. Disney and Fox Sports. Reactionary radio. Call in with veteran professing he's now a reactionary. 1937 ET OM "WPWC re-act radio".
- 1480 WDJO OH Cincinnati. Mixing with WGUS, WYZE, WPWC, WHBC, WADR, R. Disney and Fox Sports. 1715 ET OM "Great oldies 14-80 WDJO".
- 1480 WHBC ON Canton. Mixing with WGUS, WYZE, WPWC, WDJO, WADR, R. Disney and Fox Sports. 1729 ET OM "Want to know what's going on?... on news talk 14-80 WHBC."
- 1480 WADR NY Remsen. Mixing with WGUS, WYZE, WPWC, WDJO, WHBC, R. Disney and Fox Sports. WADR with rock and roll songs. 1835 ET OM "14-80 WADR... 95.5 FM rock and roll..."
- 1490 WNTJ PA Johnstown. Mixing with WBCB, WXTG, oldies and teen songs. 1758 ET OM "Michael Savage weeknights at 8... on the WNTJ news talk sports network.". 1759 ET OM "14-90 WNTJ Johnstown 9-90 'The Fan' WNTW Somerset. WNTJ... serving the Laural Highlands" into Fox news.
- 1490 WBCB PA Levittown. Mixing with WNTJ, WXTG, oldies and teen songs. 1835 ET OM "... on 14-90 WBCB."
- 1510 WLKR OH Norwalk. Mixing with WLAC, other talk, singing, Spanish, other Spanish and Religious. WLKR with oldies. 1834 ET OM "More classic hits now... true gold 15-10 WLKR."
- 1520 WARR NC Warrenton. Mixing with WWKB, other talk, other singing, bluegrass. 1741 ET OM "Broadcasting live city to city, nation to nation, worldwide. It's your number 1 AM station WARR 15-20 AM in Warrenton North Carolina. Where the community comes together.". 1759 ET YL with signoff "This is radio station WARR 15-20 AM in Warrenton North Carolina signing off the air for another broadcast day. WARR is owned and operated by Darensburg and operates on the assigned frequency 15-20 kilohertz with a maximum output power of 5, 000 watts as authorized by the Federal Communications Commission in Washington DC. WARR studio and offices are located at 824 Highway 158 Business West in Warrenton. Our tower and transmitter are located at 729 Highway 158 East in Warrenton. Join us again tomorrow morning at sunrise for the best in music, news and information on AM 15-20 WARR."
- 1540 ZNS1 Bahamas Nassau. Mixing with WTXY, WNWR, KXEL, CHIN, WYNC, singing Spanish, other Gospel and Chinese. 1902 ET YL with beach warnings for northern and eastern shorelines of the Bahamas. 1903 ET OM "Radio Bahamas community announcements". Rap music.
- 1540 WNWR PA Philadelphia. Mixing with WTXY, ZNS1, KXEL, CHIN, WYNC, singing Spanish, other Gospel and Chinese. WNWR with China R. International programming. 1740 ET OM "... please join us tomorrow when programming resumes on WNWR" into National Anthem.
- 1540 WTXY NC Whiteville. Mixing with WNWR, ZNS1, KXEL, CHIN, WYNC, singing Spanish, other Gospel and Chinese. 1731 ET under WNWR National Anthem OM "15-40 WTXY..."
- 1540 WYNC NC Yanceyville. Mixing with WNWR, ZNS1, KXEL, CHIN, WTXY, singing Spanish, other Gospel and Chinese. WYNC with Gospel singing. 1754 ET YL "You're in tuned to 15-40 WYNC music with a message."
- 1550 WKBA VA Vinton. Mixing with WIGN, WMRE, Spanish, other Spanish and other talk. WKBA with religious talk. 1754 ad for church in Roanoke. OM "Email us at WKBA at cox dot net." 1758 ET OM "This is the ministry station 15-50 WKBA Hampton Roanoke Salem... and Lynchburg."
- 1550 WIGN TN Bristol. Mixing with WKBA, WMRE, Spanish, other Spanish and other talk. 1715 ET OM "15-50 WIGN classic and bluegrass Gospel for the tri-cities."
- 1560 WSVB VA South Boston. Mixing with WQEW, talk, other talk and oldies. WSBV with Gospel singing. 1831 ET OM with signoff "This concludes anotherday of broadcasting on WSBV in South Boston Virginia. WSBV operates on anassigned frequency of 15-60 on the AM dial and is owned and operated by LindaWaller Barton. WSBV has studios and offices located at 1180 Plywood Trail SouthBoston Virginia."
- 1570 WIGO GA Morrow. Mixing with WNST, WNCA and basketball. WIGO witholdies. 1804 ET OM "You're listening to... oldies on the new WIGO15-70." Seemed strange hearing oldies on a religiousstation. Checked theWIGO website, www.wigoam.com. I see WIGO has "Enjoy



your afternoon drivewith Blues and R&B classics from The American Blues Network M-F from4pm-10pm.!"

1580 WLIJ TN Shelbyville. Mixing with WHFS, CKDO, other talk, otheroldies and Spanish. WLIJ with C&W songs. 1832 ET OM "...join ustonight for... Shelbyville sports network... WTNZ Shelbyville... 15-80WLIJ...".

SDR logs from March 10, 2012 0255-0655 EST using same:

- 710 WAQI FL Miami. Mixing with talk and R. Progresso.WAQI with Spanish Radio Marti. 0358 ET OM in Spanish/English "WAQI Miami-Fort Lauderdale."
- 740 KRMG OK Tulsa. Mixing with CRZM, WRNR, singing, religious and Cuba.0305 ET YL "Learn about the latest... Oklahoma's finest science andtechnology on "Oklahoma Innovation". OM "Sunday morning at 8 onnews talk KRMG". KRMG with liberal talk from New York. 0600 ET Fox news.
- 800 WSVS VA Crewe. Mixing with CKLW, WKBC, oldies and Spanish. 0322 ET OM"The place where country legends live. We're playing music that just won'tgo away... classic country 800 AM WSVS Crewe."
- 800 WKBC NC North Wilkesboro. Mixing with CKLW, WSVS, oldies and Spanish. 0959 ET OM "Your hometown radio station... WKBC..." into news.
- 810 ZNS-3 RadioBahamas - Bahamas Freeport. Mixing with WGY, Radio Progresso and singing. 0558 ET OM "The following is the preamble and constitution of the Commonwealth of the Bahamas."
- 840 WKTR VA Earlysville. Mixing with WHAS and Spanish. 0631 ET OM with WKTR sign on. "Good morning. AM 8-40 WKTR Earlysville-Charlottesville now begins its broadcast day. WKTR is licensed to operate on five [sic] amplitude modulated frequency of 8-40 kilohertz at an effective radiated power of 8,200 watts from local sunrise to local sunset as authorized by the Federal Communications Commission in Washington DC. WKTR AM now joins WBNN FM for today's program. Thanks for listening to big country 105 point 3 FM and AM 8-40."
- 850 WFTL FL West Palm Beach. Mixing with WKGE, WTAR, Yahoo sports, oldies, Cuba and R. Reloj. 0300 ET OM "This is one of America's two great radio stations. 8-50 WFTL West Palm Beach Bock Fort Lauderdale Miami. Big talk 8-50 WFTL."
- 940 WMIX IL Mount Vernon. Mixing with WMAC, Fox Sports, and Spanish. 0431 ET OM "America's best music. AM 9-40 WMIX." 0533 ET OM "Daytime. Night time. The hits keep coming on AM 9-40 WMIX."
- 970 WJMX SC Florence. Mixing with WBGG, WKCI, Gospel singing and other singing. 0500 ET OM "News talk 9-70 WJMX AM Florence and 97 point 9 FM W250BJ Florence. And now here's your news." "Coast to Coast AM" 0531 ET OM with Florence area discount coupons.
- 970 WKCI VA Waynesboro. Mixing with WBGG, WMIX, Gospel singing, and other singing. 0300 ET OM "...here... new talk 9-70 WKCI Waynesboro" into Fox news.
- 980 WJYK VA Chase City. Mixing with WTEM, WAAV, and singing. 0334 ET OM "You're listening to Joy AM 9-80 WJYK Chase Southville South Boston."
- 990 KWAM TN Memphis. Mixing with WEEB, singing, oldies, and Spanish singing. "Phil Henry Show." 0300 ET OM "Serving Tennessee Mississippi and Arkansas. The latest news stories are here. This is the 'Voice of Memphis' 9-90KWAM Memphis," into CBS news.
- 990 WEEB NC Southern Pines. Mixing with KWAM, singing, oldies and Spanish singing. "Coast to Coast AM". 0434 ET OM "Talk radio 9-90 WEEB. We got you by the ears."
- 1030 WGFC VA Floyd. Mixing with WBZ, music and Spanish. 0602 ET OM "Good morning. At this time WGFC radio in Floyd Virginia begins its broadcast day. WGFC is owned... Christian.. the best in Gospel..."
- 1080 WALD SC Johnsonville. Mixing with WWDR, WTIC, Spanish and singing. 0600 ET OM "Newsradio 14... AM and 95... FM... WQ... Columbia 11-30 AM WEA... 14-90 AM... and10-80 AM WALD Johnsonville Florence" into "View Point". Lookslike WALD is no longer silent.
- 1080 WWDR NC Murfreesboro. Mixing with WALD, WTIC, Spanish and singing. 0630 ET OM "Good morning. This is WWDR in Murfreesboro...broadcast station. WWDR is owned and operated by... with studios and tower located at intersection of route 158 and 258 in Murfreesboro. WWDR operates... frequency of 10-80 kiloHertz by authority of the Federal Communications Commission..."
- 1090 KAAY AR Little Rock. Mixing with WBAL, WTSB and other religious. KAAY with religious talk and singing. 0300 ET OM "KAAY Little Rock". 0530 ET "Honky Tonk Sunrise Show."
- 1090 WTSB NC Selma. Mixing with WBAL, KAAY and other religious. 0600 ET WTSB signon into"Carolina Journal."
- 1120 WSME NC Camp Lejeune. Mixing with KMOX. Oldies. 0622 ET OM with ad for airport in easternNorth Carolina.

- 1130 KWKH LA Shreveport. Mixing with WBBR. C&W songs. 0450 ET OM "Keep smiling. Thehome of classic country KWKH."
- 1150 WBAG NC Burlington-Graham. Mixing with oldies and c&w. "Coast to Coast AM." 0600 ET OM "This is 11-50 WBAG Burlington" then YL with "Carolina news network."
- 1190 WIXE NC Monroe. Mmixing with WLIB, talk, Gospel singing, and Spanish. C&W songs. 0300 ET ad for auction in North Carolina. 0505 ET OM with ad for basketball game on WIXE.
- 1210 WANB PA Waynesburg. Mixing with WPHT and singing. C&W songs. 0632 ET OM "That's country. WANB."
- 1260 WCHV VA Charlottesville. Mixing with WWRC, WNXT, singing and preaching. 0600 ET OM "... your hometown... news talk... Your local news first 12-60... WCHV AM and FM Charlottesville."
- 1260 WNXT OH Portsmouth. Mixing with WWRC, WCHV, singing, and preaching. C&W songs. 0601OM "... WNXT right here in Portsmouth Ohio..." and rooster crowing.
- 1280 WSAT NC Salisbury. Mixing with WADO, WYVE, WHVR, talk and Gospel singing. Oldies. 0400 ET OM "From historic Salisbury this is memories 12-80. 24 hours a day.WSAT."
- 1280 WADO NY New York. Mixing with WSAT, WYVE, WHVR, talk and Gospel singing. Spanish talk. 0500 ET OM in English "WADO New York."
- 1280 WYVE VA Wytheville. Mixing with WSAT, WADO, WHVR, talk and Gospel singing. Spanish talk.C&W songs. 0538 ET OM "AM 12-80 WYVE."
- 1280 WHVR PA Hanover. Mixing with WSAT, WADO, WYVE, talk and Gospel singing. Spanish talk. C&W songs. 0609 ET OM "Read country 12-80 WHVR."
- 1290 WNBF NY Binghamton. Mixing with WHIO and singing. "Coast to Coast AM" echo with same program on WHIO. 0303 ET OM "Weather forecast from news radio12-90 WNBF."
- 1290 WJCV NC Jacksonville. Mixing with WHIO, WNBF, WFBL, singing, R. Disney and bluegrass. 0623 ET OM "WJCV plays back-to-back southern Gospel all day long..."
- 1300 WSSG NC Goldsboro. Mixing with WLXG, WKCY and other singing. WSSG with Gospel singing. 0300 ET OM "You are tuned to 13 hundred AM WSSG..."
- 1300 WLXG KY Lexington. Mixing with WSSG, WKCY and other singing. Typical ESPN Radio programming. 0257 ET OM "... WLXG dot com... WLXG sports radio 13hundred."
- 1300 WKCY VA Harrisonburg. Mixing with WSSG, WLXG and other singing. 0600 ET OM "Newstalk 13 hundred WKCY Harrisonburg" into Fox news. Then, "In The Garden" call in show.
- 1320 WKRK NC Murphy, Mixing with WJAS, WAGY, talk and foreign talk. 0606 ET OM "24 hours a day.13-20 WKRK country gold."
- 1320 WAGY NC Forest City. Mixing with WJAS, WKRK, talk and foreign talk. 0331 OM "AM 13-20 WAGY."
- 1330 WYRD SCGreenville. Mixing with WANG, singing, other talk and sports. 0300 ET OM "News talk WORD..." "Coast to Coast AM."
- 1330 WANG NC Havelock. Mixing with WYRD, singing, other talk and sports. 0300 ET OM "And now stand by for another hour of America's best music right here on WANG."
- 1370 WHYP PA Corry. Mixing with WXXI, WSPD, WVIE, WGIV and singing. 0304 ET OM "Good times and great oldies. There's only one. And now, another hour of the greatest music of all time. WHYP Corry Union City... cool 13-70 and cool 13-70 online dot com", "Cool 13-70" jingle.
- 1370 WVIE MD Pikesville. Mixing with WXXI, WSPD, WHYP, WGIV and singing. 0559 ET OM "Your Baltimore Washington superstation. WVIE 13-70."
- 1380 WMJR KY Nicholasville. Mixing with WMTD, WLRV, singing and Spanish. WMJR with EWTN programming. 0459 ET YL "This is your Catholic radio... Wheelhouse radio... 13-80 WMJR... Nicholasville."
- 1380 WMTD WV Hinton. Mixing with WMJR, WLRV, singing and Spanish. 0332 ET OM "Listen daily for local community news. Radio AM 1380 dot com. WMTD."
- 1380 WLRV VA Lebanon. Mixing with WMJR, WMTD, singing and Spanish. 0345 ET OM "Your... good...radio station... WLRV."
- 1410 WING OH Dayton. Mixing with KQV, WHLN, C&W, Fox sports and R. Disney. Typical ESPN Radio programming. 0400 ET OM "... your station... 14-10 WING."
- 1410 WHLN KY Harlan. Mixing with KQV, WING, C&W, Fox sports and R. Disney. 0604 ET jingle"14-10 WHLN."
- 1430 WVAM PA Altoona. Mixing with WEIR, CHKT, WXNT, oldies and Spanish. 0600 ET OM "Penn State football and basketball heard exclusively on ESPN radio 13-30 WVAM Altoona."
- 1430 WXNT IN Indianapolis. Mixing with WEIR, CHKT, WVAM, oldies and Spanish. 0330 ET YL with PSA for Indiana high school athletic association.

- 1440 WHIS WV Bluefield. Mixing with WHKZ, WAJR, singing and oldies.0406 ET YL out of the mix "WHIS WTZE." "Coast to Coast AM."
- 1480 WCNS PA Latrobe. Mixing with WPWC and talk. WCNS with oldies. 0300 ET OM "My radio 14-80 WCNS Latrobe Salem worldwide 1480 WCNS dot com."
- 1520 KRHW MO Sikeston. Mixing with WWKB, WDSL and other talk. 0503 ET OM "Legendary artists, legendary music, legend KRHW Sikeston 15-20 and 98 point 9. A free service of Winters broadcasting."
- 1520 WDSL NC Mocksville. Mixing with WWKB, KRHW and other talk. 0631 ET OM "This has been your WDSL 15-20 community connection calendar. If you have news or events you would like to add to the calendar, email them to WDSL 1520 at yahoo dot com or give us a call at 751 9375."

As time allows, I'm updating my website, [www.kg4lac.com](http://www.kg4lac.com), with brief audio clips of station IDs, jingles, etc. 73, Kraig Krist KG4LAC Manassas VA USA [www.kg4lac.com](http://www.kg4lac.com) KG4LAC -- Amateur radio extra class KDX4KWK -- All-Band Radio Monitor

### Bits and Bites from the NRC listserv:

I am not sure what you as readers would like to see here. I have avoided loggings posted up as a rule so they can be sent into the loggings columns. Let me know what topics that may be posted on the listserv you are interested in.

From: Robert Ross <va3sw@rogers.com>

Subject: RIP Kirk Allen. Longtime ULR BCB DX'er Remembered

Hello Everyone: It is with a saddened Heart that I write this email informing The ULR and radio community in general of the passing of my longtime friend and DX buddy, Kirk Allen of Ponca City, Oklahoma. According to the Obituary, which is attached in this message, Kirk passed away on Feb/19/2012 at home. I am not aware of the details at this time. Kirk and I go a long way back into the early 1980's when I first knew of Kirk as a fellow member of the old "Numero Uno" and "Fine Tuning" Radio Clubs. Kirk was also a good friend of our late ULR co-Founder, John Bryant of Stillwater, Oklahoma and Richard Allen of Perry, Oklahoma. Kirk was very active here on the ULR group and was an inspiration to us all with his enthusiasm towards the ULR hobby. Kirk had logged just under 900 stations with his ULR radios, and specialized in DX'ing Latin stations. Kirk also had a great Interest in Shortwave radio and was a leading DX'er in "Indonesian Regional Stations" back in the 1980's and 90's and had Heard and Verified many hard to hear low powered Indonesians!! Kirk also had a fond spot for "PIRATE RADIO" and was the founder of one of the most famous USA Shortwave Pirate Stations..."The Voice of Laryngitis". This was one of the FIRST Pirate stations I ever logged back in the early 1980's. Everything Kirk did in the radio hobby was performed with Gusto....and I am one DX'er who is happy to have been a RADIO BUDDY of his. I never met Kirk in person, but through the years admired his radio artistry. I had not heard from Kirk in about 2 weeks, and it is a real shock to now find out why. The ULR Group I'm sure remembers Kirk's many loggings and his wry sense of humour in his postings. Kirk you will be missed.....and say hi to our old buddy John when you bump into him!! If there's a DX Heaven....it just got a lot richer!

<http://www.poncacitynews.com/obits/Kirk-Stanley-Allen>

Regards.ROB VA3SW Robert S. Ross London, Ontario CANADA

Well put Rob. Seems that there are too many good DX'ers going to where the propagation is good all day. I remember his Pirate station well, having logged it from Winnipeg several times. He will be missed by us all.

### This Month's DX Tool Box Web Site is:

The Xtal Set Society <http://www.midnightscience.com/index.html>

This is a fantastic site for anyone into Crystal or Xtal receivers. The group claims it is: "Dedicated to once again building and experimenting with radio electronics" There are pages with information on how to build your own set. There is information on books about Xtal receivers, where to buy parts, how to build the receivers etc. Some of these parts would be great for loop antenna construction as well. There is even a section on Galena Detectors to keep it authentic. And yes there are Xtal units using JFET detectors for the modern old fashioned units so to speak. If you want to build the simplest radio and see what you can tune in this is a great place to start. You can view these as the Ultra-Ultra Light Receivers that got the hobby started all those years ago.

If you know of a site you would like written up here just send it along so we can all enjoy it.

73 for this time Shawn

**Remember On A Clear Day You Can Hear Forever**

# NRC Contests

Wayne Heinen [amradiolog@nrcdxas.org](mailto:amradiolog@nrcdxas.org)  
4131 Andes Way  
Aurora, CO 80013-3831

Here are the results from the February sprint.

Contester	Frequency	Type	Stations	Points	February Points	Sprint Points
Bruce Conti*	860	Clear	5 x 1 =	5		
	1240	Graveyard	9 x 5 =	45		
	1480	Regional	4 x 3 =	12	62	100
Ron Bailey	850	Clear	7 x 1 =	7		
	1400	Graveyard	5 x 5 =	25		
	1410	Regional	5 x 3 =	15	47	99
Russell Curry	790	Regional	4 x 3 =	12		
	880	Clear	4 x 1 =	4		
	1240	Graveyard	4 x 5 =	20	36	98
Nancy Johnson	1050	Clear	1 x 1 =	1		
	1330	Regional	2 x 3 =	6		
	1340	Graveyard	1 x 5 =	5	12	97
Wayne Heinen*	1550	Clear	3 x 1 =	3	3	96

And here are the results from the March sprint.

Contester	Frequency	Type	Stations	Points	March Points	Sprint Points
Bruce Conti*	1400	Graveyard	3 x 5 =	15		
	1420	Regional	7 x 3 =	21		
	1550	Clear	5 x 1 =	5	41	100
Ron Bailey	1480	Regional	5 x 3 =	15		
	1490	Graveyard	4 x 5 =	20		
	1550	Clear	5 x 1 =	5	40	99
Russell Curry	630	Regional	4 x 3 =	12		
	750	Clear	2 x 1 =	2		
	1400	Graveyard	5 x 5 =	25	39	98
Mike Clancy	1350	Regional	2 x 3 =	6		
	1400	Graveyard	3 x 5 =	15		
	1520	Clear	2 x 1 =	2	23	97
Wayne Heinen*	780	Clear	2 x 1 =	2	2	96

\* – Ineligible for prizes.

Overall	Name	Oct	Nov	Dec	Jan	Feb	Mar
596	Bruce Conti*	100	97	99	100	100	100
595	Ron Bailey	98	100	100	99	99	99
590	Russell Curry	99	99	98	98	98	98
575	Wayne Heinen*	96	96	97	94	96	96
480	Nancy Johnson	95	95	97	96	97	0
194	Mike Clancy	0	0	0	97	0	97
192	Brian Miller	97	0	0	95	0	0
192	David Yocis*	94	98	0	0	0	0

This year's winner of a one-year extension of their NRC membership is Ron Bailey.



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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

# *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.**

Kraig Krist, Manassas VA <http://www.kg4lac.com>

A recap of 2011.

2011 was a very productive reception/DX year for me. In 2011 I had 3,304 receptions (beating 2010's 2,096 by 1,208 or 57.63% increase) setting an all-time personal record. Of those, 3,208 receptions (beating 2010's 1,964 receptions by 1,244 or 63.34% increase) were in the medium wave band with 3,200 receptions (beating 2010's 1,853 receptions by 1,347 or 72.69% increase) at my regular listening post and 8 during a DX outing in Linden, VA. Of the 3,200 receptions at my listening post, 2,300 were using the WinRadio Excalibur Pro SDR, 815 were using the JRC NRD-545, 12 using the Tecsun PL-660 and 73 using the Tecsun PL-310. Of the 2,300 receptions using the WinRadio SDR, 2,082 were using the 134 foot multiband antenna and 218 using the 43 foot Eavesdropper. Of the 815 receptions using the NRD-545, 441 were using the Kiwa loop and 374 using the 134 foot multiband antenna.

I heard 239 stations for first time in 2011 (besting 2010's total of 157, a 52.23% increase) at my regular listening post. These were CFGO, CFTR, CHUM, CIWW, CJLV, CJMR, CKGM, CKHJ, CKTB, KAAV, KFUE, KOTC, KRHW, KWLO, R. Enciclopedia (on several frequencies), R. Progresso (on several frequencies), R. Rebelde (on several frequencies), R. Reloj (on several frequencies), WAAM, WABL, WACA, WACB, WADC, WADV, WAGG, WAMB, WANB, WANS, WAPI, WARE, WAVO, WAVZ, WBES, WBQH, WBTX, WBVP, WBZH, WCAB, WCEM, WCEO, WCFR, WCGO, WCIS, WCLE, WCMD, WCNC, WCNN, WCOJ, WCPT, WCRN, WCRT, WCRW, WCSL, WDAD, WDCX, WDDV, WDDZ, WDEK, WDNC, WDND, WDOE, WDRU, WDSL, WDXY, WDYZ, WEBY, WECO, WEEL, WEEO, WEIR, WELI, WELM, WEMB,, WEPG, WERC, WESR, WETB, WETC, WETR, WFAM, WFHR, WFMO, WFNN, WFTH, WFTL, WFTN, WGAI, WGBW, WGCR, WGGM, WGOC, WGOV, WGVU, WHGG, WHKY, WHOL, WHTX, WHWH, WIBA, WIMA, WIMS, WING, WINY, WIOO, WIOZ, WIRL, WIST, WIYD, WJAT, WJAY, WJBO, WJDY, WJJC, WJMX, WJNJ, WJNL, WJOX, WJSS, WJYZ, WKCI, WKCY, WKDK, WKDR, WKFI, WKIP, WKNG, WKPA, WKRD, WKTX, WKVQ, WKZN, WLAP, WLCC, WLEE, WLEM, WLES, WLIK, WLKD, WLQV, WLTP, WLXG, WLXN, WMET, WMID, WMJR, WMLB, WMMW, WMOB, WMOK, WMOP, WMSG, WMST, WMTM, WMTR, WNBL, WNCO, WNDA, WNEM, WNER, WNGM, WNIL, WNRR, WNST, WNTJ, WNTX, WNVA, WNVY, WNWZ, WNXT, WPIC, WPIP, WPJS, WPKZ, WPLA, WPTN, WPWT, WQAM, WQBA, WQWK, WRFC, WRFD, WRKK, WRKO, WRNJ, WRRD, WRWR, WSBV, WSCW, WSEN, WSFM, WSHV, WSMY, WTAB, WTAQ, WTNY, WTPS, WTXK, WUCO, WUFE, WVAM, WVAX, WVBE, WVCD, WVGB, WVHI, WVHU, WVKO, WVNZ, WWBA, WWMI, WXBT, WXCE, WXIT, WXNT, WXSM, WXVA. WYCV, WYKM, WYMB, WYNC, WYND, WYNN, WYOS, WYRE, WYSE, WYTH, WZGV and WZZW.

I consider a station as new if it was never heard before, if the station is on a different frequency from when previously heard or the station has a new transmitter location.

The New Station Average per station heard (NSA) at my regular listening post is .074. Or, almost 3/4 new station for every 10 receptions. Not possible to hear 3/4 of a new station, so let's expand the number to 3 new stations for every 40 heard (.75 \* 4). The New Station Average doesn't guarantee I will get 3 new stations every 40 receptions. NSA is simply an average. New Station Average per Day (NSAD) is .655 or averaging almost 2/3 a new station per day. Reception Average (RAVG) at my regular listening post is 8.767 Or, almost 9 stations heard on average each day of the year. RAVG is analogous to baseball batting average. Continuing the analogy, a BAVG of .333 doesn't guarantee the batter will get 3 hits for every 10 at bats, likewise I probably didn't hear 9 stations each day of 2011.

Of the 239 first time stations, 180 new stations heard using the WinRadio Excalibur Pro SDR (171 using the 134 foot multiband antenna and 9 using the 43 foot Eavesdropper antenna), 52 new stations heard using the JRC NRD545 (31 using Kiwa loop and 21 using 134 foot multiband antenna), 4 first time stations heard using the Tecsun PL-310 and 3 first time station heard using the Tecsun PL-660.

239 new stations breakdown by month. 10 January; 9 February; 16 March; 8 April; 3 May; 11 June; 2 July; 15 August; 76 September; 20 October; 9 November and 60 December.

I heard 242 stations (beating 2010's total of 156 or a 55.13% increase) for the first time at my current QTH. This count is different than the 239 first time stations as it only looks for unique reception for the QTH regardless of other listening locations. Breaks down as 182 heard using the WinRadio Excalibur Pro SDR, 55 heard using the NRD545, 4 heard using the PL-310 and 1 heard using the PL-660.

Top 10 distances by reception include:

1. Caribbean Beacon on 1610 kHz 1,664.1 miles
2. KOA 1,456.6 miles
3. WOAI 1,336.4 miles
4. R. Reloj Contramaestre, Cuba 1,278.4 miles
5. Radio Reloj Granma, Cuba 1,271.4 miles
6. Radio Reloj Las Tunas, Cuba 1,230.6 miles
7. Radio Reloj Las Tunas, Cuba 1,227.6 miles
8. Radio Reloj Pinar del Rio, Cuba 1,187.5 miles
9. WBAP 1,179 miles
10. Radio Reloj Sancti Spiritus, Cuba 1,169.1 miles.

Top 10 distances without Cuba.

1. Caribbean Beacon on 1610 kHz 1,664.1 miles
2. KOA 1,456.6 miles
3. WOAI 1,336.4 miles
4. WBAP 1,179 miles
5. KWKH 1,130 miles
6. WJBO 967.4 miles
7. WWL 945.6 miles
8. WIST 932 miles
9. WCCO 929.6 miles
10. WABL 922.6 miles

Please don't think I have the luxury to sit and chase MW DX all the time. I've been exceptionally lucky to receive a considerable number of stations employing judicious use of available time a few hours each day. Also, the WinRadio SDR is a wonderful DX tool. While I endeavor to listen daily, this doesn't always happen. There are actually some days and some weekends when I am unable to listen at all. I also enjoy spending time with my family, bike riding (I pedaled over 1,000 miles in the summer of 2011. Beginning in March 2012 I began my goal of 1,200 miles), shortwave listening/DXing, keeping up my website, [www.kg4lac.com](http://www.kg4lac.com), being the e-DXN and NRCDXAS webmaster, monitoring Radio Romania International, etc.

I'm looking forward to another productive year in 2012.

73 and good listening. Kraig Krist, KG4LAC -- Amateur radio extra class, KDX4KWK -- All-Band Radio Monitor.

*Pro Sports  
Networks*

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Here is some additional Major League Baseball (MLB) information from Steve Kennedy and Jon Ohman.

Steve thinks that the Philadelphia Phillies' list online might be old, as 1240 WYGL-PA changed its calls to WVSL last year. I just looked at the web page, and it is not dated. And there are two stations on the page that are not in the list I published last year. And these simulcast and/or translator stations are not on the list; they have been verified by Steve: WRKK-1200, WBWX-1280, WVSL-92.3, W234BH-94.7, W235BA-94.9, and W282AP-104.3, all in PA.

Jon reports a new Los Angeles Dodgers list at [http://mlb.mlb.com/la/schedule/radio\\_network.jsp](http://mlb.mlb.com/la/schedule/radio_network.jsp)  
The differences to the English list:

- 570 KLAC-CA is the new flagship, replacing 790 KABC-CA.
- Remove 1490 KMET-CA and 1520 KRHW-MO from my published list.
- 101.7 KQTM is in NM, not CA (my typo).
- KWDJ-CA is at 1360, not 1340. (also my typo).

The differences to the Spanish list: delete XESS-620, KHJ-930, KFUT-1270, and KSLK-96.1.

The Dodgers also announced a change in Vin Scully's travel schedule. Previously, he did not do road games east of Colorado, with a few exceptions. (For example, he did games in Boston in 2004 and 2010 at owner Frank McCourt's request.) Starting this year, he will do only road games in California and Arizona. This means that he will no longer travel to Colorado (NL West) or Seattle (AL West). Scully is actually the TV voice of the Dodgers. If he is doing the telecast, then the first three innings are simulcast on radio.

## Geomagnetic Indices (From Phil Bytheway)

Geomagnetic summary tabulated from daily e-mail data.

Date	Flux	A	K	Space	Wx	Date	Flux	A	K	Space	Wx	Date	Flux	A	K	Space	Wx
4/ 1	107	6	2	no	storms	12	95	13	4	no	storms	22	148	7	1	no	storms
2	106	8	3	no	storms	13	98	19	2	minor		23	142	23	5	minor,	G1
3	104	4	2	no	storms	14	98	9	1	no	storms					storms	
4	102	6	3	no	storms	15	102	5	1	no	storms	24	134	35	5	moderate,	G2
5	101	13	2	no	storms	16	108	5	2	minor						storms	
6	97	4	2	no	storms	17	114	8	2	no	storms	25	127	21	4	no	storms
7	99	10	2	no	storms	18	122	8	2	no	storms	26	119	17	2	minor	
8	93	5	1	no	storms	19	138	5	2	no	storms	27	118	8	3	minor	
9	95	4	2	no	storms	20	142	7	1	no	storms	28	121	5	2	no	storms
10	93	8	3	no	storms	21	149	6	3	no	storms	29	116	5	0	no	storms
11	93	5	2	no	storms							4/30	114	3	0	no	storms

## NOAA Space Weather Outlook

Issued May 21 – For the period May 21-June 16, 2012

Solar activity is expected to be at very low to low levels with a slight chance for M-class flares through 31 May and again from 14 June through the end of the forecast period. Low to moderate levels are expected from 31 May through 13 June due to the return of old Region 1476.

A chance for a greater than 10 MeV proton event at geosynchronous orbit exists from 31 May through 13 June due to the return of old Region 1476.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at normal levels on 21 - 23 May, 30 May - 05 June, and again on 13 - 16 June. High levels are expected on 24 - 29 May and again on 06 - 12 June. High levels are in response to recurrent coronal hole high speed wind streams.

Geomagnetic field activity is expected to be quiet to active on 22 - 23 May as the arrival of the 18 May CME as well as a coronal hole high speed stream become geoeffective. Quiet to active conditions are also expected on 06 - 09 June as another recurrent coronal hole high speed stream moves into geoeffective position. Mostly quiet to unsettled conditions are expected for the remainder of the forecast period.

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

## NRC Convention 2012

Just a reminder for all members of NRC and WTFDA, this year the convention will be held in Bridgeport, West Virginia at the Days Inn and Suites the weekend of August 3-5. The hotel is located at 112 Tolley Drive, close to the Rt. 50 and I-79 exit. Reservations need to be made by July 20, 2012 by calling 304-842-7371. You must use this direct number to the hotel and you must tell them you are with the NRC Convention to receive the reduced room rate. If you are attending from the WTFDA you must also tell them you are with the NRC. The cost of the room for each night is \$79.94 which includes all taxes.

Registration is \$45.00 for members and \$25.00 for your spouse or guest. Please make your checks out to "National Radio Club." This price includes a buffet dinner for the Saturday banquet and your chips, soft drinks and, of course, beer for the weekend. And probably free pizza on Friday night.

A tour is planned for noon on Friday, Aug. 3, at our local 911 Center. And we will hopefully be touring a local TV station and a radio station with times to be announced at a later date.

Bring your receivers as we will probably have some antennas strung through the back parking lot and down over a steep hill towards I-79.

Send your registration and auction items to Bill Swiger, 1 Casey Lane, Bridgeport WV 26330-9454. If you have any questions you may email me at [ridgeradio@cebridge.net](mailto:ridgeradio@cebridge.net).

We are looking forward to seeing old friends and meeting new ones. Come to "Wild Wonderful West Virginia" and see what "Almost Heaven West Virginia" is all about.

## National Radio Club

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