

DX News

• Serving DX'ers since 1933 •



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DX Tests: Thanks to everyone who arranged the three very successful DX tests we had in March. Your publisher heard four new stations on DX tests this season, which hasn't happened in quite a while. If you know folks at stations who might be interested in running a test, consider trying to arrange one. Saul Chernos is the inter-club DX Test coordinator, and he can fill you in on the details. You can reach him at <schernos@sympatico.ca>.

Convention 2011?: So far, no one has stepped forward to host this year's convention. The last time the NRC didn't have an annual convention, it was World War II – so it would really be a shame if we didn't have something this year.

In recent years, the convention has been in late August, after having been on Labor Day weekend for a number of years. But there's no law saying the convention has to be in August or September. Nor does it need to be a three-day extravaganza like we had last year in Rochester; even a two-day event would be better than not having one at all.

What's involved? Ask Ernie Wesolowski, 13312 Westwood Lane, Omaha NE 68144-3543, <neerniew@yahoo.com>.

Pro Sports Nets: An update from Barry Finkel: "I have all of the Major League Baseball (MLB) network lists except these: Arizona Diamondbacks, Atlanta Braves, Boston Red Sox, Chicago White Sox, Cincinnati Reds, Cleveland Indians, Colorado Rockies, Kansas City Royals, New York Yankees, Tampa Bay Rays, San Diego Padres. For these teams, either the network list is clearly labelled 2010, or the web page is obviously last year's (despite the 2011 mlb.com copyright that is automatically inserted in web pages), or the list is undated and is identical to

last year's list. I am not sure that the Padres have a network. Please send me any URLs that you find for these team lists."

Barry's e-mail is <bsfinkel@anl.gov>.

Membership Renewals: Please recall that ALL subscription renewals and publication orders – anything involving money – goes to NRC HQ in Aurora, CO. Please see the reminder at the bottom of page 12 for all the information you need. Your publisher neither cashes nor writes checks – sending your renewal to Harpers Ferry slows things down!

DX News Publishing Schedule, Vol. 78

	Deadline	Masthead		Deadline	Masthead
25	Apr. 1	Apr. 11	28	July 1	July 11
26	Apr. 22	May 2	29	Aug. 5	Aug. 15
27	May 27	June 6	30	Sept. 9	Sept. 19

The DX Time Machine

75 years ago – From the March 25, 1936 *DX News* – Many members reported the extraordinary coverage by radio hams and other broadcasters during the recent massive flooding in the U.S. Northeast.

50 years ago – From the March 25, 1961 *DX News* – A CONELRAD drill has been scheduled for April 28 from 4:00 to 4:30 p.m., during which all AM stations in the United States will be silent except designated stations on 640 and 1240 kHz.

25 years ago – From the April 1, 1986 *DX News* – Niel Wolfish, Lewis, MB reported his first TP station, Fiji-774, on March 2.

10 years ago – From the March 26, 2001 *DX News* – Shawn Axelrod and Wayne McRae reported a successful Valhalla Beach DXpedition, with 12 new stations including three new countries – Kuwait, Ukraine, and Slovakia – being heard.

NRC AM Radio Log, 31st Edition

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

Price: To the United States, \$19.95 to members, \$25.95 to non-members

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AM Switch



Bill Hale w_r_hale@sbcglobal.net

6124 Roaring Springs Drive

North Richland Hills, TX 76180-5552

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

CALL LETTER CHANGES

<u>Old Call</u>			
610	WLVE	VA	Winchester
840	WGRU	FL	Mims
1250	WAPZ	AL	Wetumpka
1440	WRBE	MS	Lucedale

<u>New Call</u>
WXVA
WPGS
WRBZ
WVGG



CONSTRUCTION PERMITS ON THE AIR

1070 WCSZ SC **Sans Souci** – Back in July of 2007, WCSZ filed a **Silent STA** citing lack of funds to continue operation. In January 2008 they filed for an extension through June of that year. The next filing, in August of 2008, extended the Silent STA for 180 days in order to “conserve assets.” In March 2009 they filed an application to **return with their licensed U4 50000/1500**. Fast forward to November when they filed for an **Engineering STA for U1 2000/350**, as they discovered that during their period of silence the equipment used to provide their directional patterns was vandalized. Then shortly thereafter they applied for, and now have been **granted, U2 50000/1500**. We assume they are now back on with these parameters. By the way, according to The Free Dictionary online, “Sans Souci” is French for “without care; free and easy.” After all that, I just had to look that up.

1410 WQBQ FL **Leesburg** – **Is now on with U1 5000/88** (a two-watt decrease in night power) from the corrected coordinates of **28-46-52/81-53-30**.

1440 WDXQ GA **Cochran** – After being off the air due to their tower being unstable, then resuming operation temporarily under a Special Temporary Authorization (STA) with U1 67/67 as their tower was being replaced, **WDXQ has resumed regular operation with U1 940/48**.

1550 WNZF FL **Bunnell** – **Is now on with U2 11000/250 CH 9500**.

1680 KGED CA **Fresno** – **Is now on with U1 10000/1000** (unchanged) after moving to the tower of KQEQ-1210 Fowler at **36-39-37/119-41-01**.

ACTIONS

970 WVOV VA **Danville** – **License and call letters reinstated** after cancellation and deletion.

1060 WILB OH **Canton** – **Is now on the air with D3 15000/0 CH 15000**, adding the CH operation.

1150 KZNE TX **College Station** – Coordinate correction to 30-37-54/96-21-28.

1230 WGUY ME **Veazie** – **Construction Permit (CP) granted to move here** (ex: Ellsworth) with **U1 1000/640 at 44-50-50/68-40-48**.

1340 KRMD LA **Shreveport** – **Licensed for U1 1000/1000, KRMD is operating under an STA with U1 378/378** while adjustments are being made to the radiation efficiency of the tower after relocating there. The tower is shared with three FM stations, one FM translator, and two low power TV stations. No wonder they are having problems, hi.

1410 WRSS PR **San Sebastian** – **Licensed for D3 1000/1000, WRSS has been operating under an STA with U1 2500/2500** due to interference caused by HIRM Higuey, Dominican Republic. After realizing that HIRM had either reduced power or ceased operation, WRSS attempted to return to its regularly-licensed power level, it was found that the transmission lines and/or tower #2 of their array had deteriorated and was not functioning properly. **WRSS is now operating under a new STA with U1 250/250** until repairs can be made to their facilities.



- 1520 NEW WA **Snohomish** – CP granted for U8 20000/50000 CH 50000 from four towers (all used during night and CH operation yielding identical patterns) at 47-52-32/122-04-40. The patterns are butterfly wing shaped with the signal headed covering from north-northwest to west. Snohomish is located about 5 miles due west of Everett.
- 1570 WNKX TN **Lobelville** – CP granted to move here (ex: Centerville) with U1 1000/66. As reported last issue, WNKX is **silent** pending the completion of the move including installation of a new transmitter and antenna facilities.
- 1590 KTIL OR **Tillamook** – Coordinate correction to 45-27-25/123-52-19.
- 1650 CINA ON **Mississauga** – CP granted to raise daytime power to become U1 5000/680 CH 1000. [note: Critical Hours in Canada is 90 minutes after sunrise and 90 minutes prior to sunset, versus the two hours in the U.S.]
- 1690 WMLB GA **Avondale Estates** – Coordinate correction to 33-48-34/84-21-14.

CONSTRUCTION PERMIT AMENDMENTS

- 890 KJME CO **Fountain** – This new station, not yet on the air, has a CP for U4 5000/640. This amendment requests U5 5000/600.
- 1190 KQQZ IL **Fairview Heights** – Licensed for U4 10000/22 at Desoto, Missouri, KQQZ has a CP for U4 10000/65 moving here. They applied for 25000 Watts during the day omitting any mention of night power from the application. It seems they have finally realized the error, and now have applied for those night Watts as U4 25000/65.
- 1490 NEW AL **Fayette** – Having a CP for U1 1000/1000 (yet unbuilt), the licensee now has filed to relocate the station to Coker, a move of about 25 miles, with U1 1000/1000.

APPLICATIONS

- 1080 WRYT IL **Edwardsville** – Applies for U7 500/20 CH 380.
- 1230 KELY NV **Ely** – Applies for U1 1000/1000.
- 1370 KRAC CA **Quincy** – Licensed for U4 5000/500, KRAC has been operating under an STA with U1 1000/125 due to vandalism to their directional antenna system. They now have applied to move to Red Bluff with U1 5000/250, sharing the KBLF-1490 tower.
- 1440 WWCL FL **Lehigh Acres** – Applies for U4 9900/4700.
- 1480 WSAR MA **Fall River** – Applies for U4 25000/5000.
- 1490 WCHM GA **Clarkesville** – Applies for U1 878/878.

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News • Talk • Sports

APPLICATION AMENDMENTS

- 1190 WAFS GA **Atlanta** – Licensed for D1 25000/0 CH 2300, WAFS applied for D1 25000/0 CH 25000. This amendment is for D1 25000/0, omitting any mention of CH operation. It's possible, that when filing, they inadvertently omitted the old 2300 Watt CH. We'll see . . .
- 1590 NEW WY **Cheyenne** – Initial application was for U2 1000/500. This amendment requests U4 1000/1000 from a new transmitter site.

APPLICATIONS FOR NEW STATIONS

- 1400 NEW QC **Montreal** – Application is for U1 1000/1000. CJWI-1610 has already applied to move to 1410 (and that action was approved in 2009) which would make it impossible for the new station to be on 1400. But, CJWI has not made the move as of yet. If CJWI does, indeed, move to 1410, the applicants of the 1400 station indicate they then apply for the vacated 1610 frequency.

DISMISSALS AND DELETIONS

- 970 KFEL CO **Pueblo** – Licensed for U1 3200/184, KFEL had a CP for U5 15000/184. That CP has been cancelled.
- 1100 WZFG MN **Dilworth** – Licensed for U2 50000/440 CH 5000, WZFG had a CP for U2 50000/440 CH 22000. That CP has been cancelled.
- 1450 WPSE PA **Erie** – Licensed for U1 1000/1000, WPSE applied for U1 1000/826, then amended the application to U1 1000/775. The initial application has been deleted.
- 1520 WINW OH **Canton** – License cancelled; call deleted.

AM ON FM

580	WLES	VA	Bel Air - W247AV	(97.3)	Bellwood
620	WKHB	PA	Irwin - W231BM	(94.1)	Clairton
630	WNEG	GA	Toccoa - W226AU	(93.1)	Toccoa
690	WIST	LA	New Orleans - W285FF	(104.9)	Metairie
750	KXL	OR	Portland - KUFO	(101.1)	Portland
1110	KYKK	NM	Humble City - K263AZ	(100.5)	Artesia
1180	WSFM	NC	Carolina Beach - W240AS	(95.9)	Wilmington
1300	WMEL	FL	Cocoa Beach - W277AN	(103.3)	Cape Canaveral
1400	WSEG	GA	Savannah - W282AR	(104.3)	Savannah
1470	WMBD	IL	Peoria - W262BY	(100.3)	Peoria
1570	WSWV	VA	Pennington Gap - W270CB	(101.9)	Pennington Gap
1600	KUBA	CA	Yuba City - K238AV		Yuba City

HEAR AND THAR

- ✿ **Returning to the airwaves:** **WXJO-1120 Douglasville, Georgia** returns to the air with southern gospel; **WAJD-1390 Gainesville, Florida** is back with R&B oldies;
- ✿ **Reported as Silent:** **WAMD-970 Aberdeen, Maryland** (a regular in this column); **KLRK-1590 Mexia, Texas**.

✿ **QSLs Are a Portal to the Past** by Jerry Berg, chair of the *Committee to Preserve Radio Verifications*: Recent articles in *Radio World* about AM DXing (long-distance listening) and QSLs (cards and letters verifying reception) are a reminder that the hobby of long-distance radio listening is still around. During the first few years of the 1920s the novelty of the radio medium made AM broadcast DXing very popular with the general public. Interest waned mid-decade but was rekindled in the early 1930s with the advent of shortwave broadcasting and the possibility of reception over hitherto-unachievable distances. DXing declined during World War II, but bounced back during the Cold War and held its own until the media landscape began changing in recent years. Among the hardcore, however, the thrill has never died. To the DX cognoscenti there is nothing quite so exciting as hearing a faraway signal, direct, with nothing between you and the station except the ether. It is not about how well you hear a station, or what the programs are. It's about distance, and power. The noise, fading and interference of a tough DX catch just add to the excitement. DXing is an acquired taste, especially on shortwave. Your neighbor might be able to relate to the novelty of hearing a domestic AM station at a long distance. But try to explain the joys of staying up all night to listen to a station that you can barely hear, broadcasting in a language that you don't understand. For years DXers believed that if they could only get people to try DXing, they would like it. They found that the primal spirit that motivates the DXer is not easily transferable. One of the tangible byproducts of DXing is the QSL, the card or letter from a station responding to a reception report in which the listener proves his or her reception by describing the programming heard. The QSL verifies the listener's reception. DXers collect QSLs as mementos of their reception and as evidence of DXing achievement. The QSLing of broadcast stations is often thought to have been an outgrowth of the common ham practice of exchanging QSLs of two-way amateur contacts ("QSOs"), thus applying to the one-way medium of broadcasting a practice that developed in the two-way medium of ham radio. In fact, however, ham QSLing itself grew out of the even earlier practice of hams and non-hams alike sending postcard reception reports to hams and other experimental stations that they heard. This pattern took root in the second decade of the 1900s. In those very early years, transmitter range was the main indicator of station performance, hence a station operator's interest in knowing how far his signal could be heard by whoever happened to be listening. Such reports were considered valuable, whether coming from the ham at the other end of a QSO, a listening ham, or a non-ham listener or experimenter. Thus reception reports to broadcast stations actually represented a return to the earliest conventions of listener-station contact.

CPRV Since 1986, a six-person group called the Committee to Preserve Radio Verifications has been archiving collections of QSLs belonging to listeners who

have passed away or are no longer collecting. Originally sponsored by the Association of North American Radio Clubs, a listener club umbrella group that operated for 40 years, the committee has functioned independently since 2005. The QSLs are housed at the Library of

the  **page**

COMMITTEE TO PRESERVE RADIO VERIFICATIONS

JERRY BERG, Chairperson • 38 Eastern Ave. • Lexington, MA 02173 • (617) 861-8481

American Broadcasting on the campus of the University of Maryland in College Park. The approximately 45,000 QSLs under roof (the figure includes duplicates) are mainly from U.S. and foreign AM stations and shortwave broadcast stations worldwide, with some FM, TV, amateur and utility stations represented as well. The collection includes QSLs belonging to more than 200 DXers. From some there are just a few QSLs; other collections run well beyond a thousand. To leaf through the collection is to see radio history pass before your eyes. The oldest QSL, a ham card, is from 1921; the oldest from a U.S. AM station is from WKN, Memphis, Tenn., 1922. Among the QSLs in the collection are a 1923 letter from KDKA; a 1941 letter from Edwin H. Armstrong verifying reception of his FM station, W2XMN; and a letter and card from pioneer shortwave broadcaster PCJ in Hilversum, Holland sent in 1929 while shortwave broadcasting was still in the experimental stage. QSLs needn't be of special historical significance to be interesting, however. There are QSLs from big stations and small stations, from World War II and from the Cold War years, from private stations and government stations, from the U.S. and from exotic locations, from countries that no longer exist — even from pirate stations and clandestine broadcasters. Some QSLs are simple, others elaborate; sometimes the text is pro forma, other times detailed and personal. Often stations enclose a schedule, coverage map, photograph or other souvenir. Station logos, signatures of station personnel, descriptions of equipment, etc. provide a valuable connection to the station's history. Sometimes it is the only history that remains. Although CPRV began as an effort to memorialize the work of individual DXers by salvaging this material that was probably headed for the dumpster, it is more than a sentimental exercise. The collection has served as a source of information and graphics for books, articles, websites, etc. Because of the size and scope of the collection, a station's QSLs over a range of years can be compared, offering some visible continuity to the history of stations, many now long gone. QSLing has changed over the years. Once the province of the station's technical staff to whom long-distance reception was no less a novelty than it was to the listener, today QSLing is mainly a matter of listener relations. And much QSLing is now done electronically. While plainish-looking e-mail verifications do not display as well as their postal mail counterparts, a colorful e-mail attachment can offer much the same satisfaction as a paper QSL. Alas, budgetary considerations have led some stations to stop verifying altogether, and in general it is harder to pry a QSL from a station than it used to be. But for those bitten by the QSL bug, it is still the essential last step in a DX experience. Readers wishing to learn more about CPRV or see more of the committee's QSLs should go to the CPRV section of www.ontheshortwaves.com. Inquiries should be sent to jsberg@rcn.com. If you are seeking a new home for some old QSLs, let us know. Jerry Berg is a retired attorney. He is a member of the executive council of the North American Shortwave Association and co-producer of the website www.ontheshortwaves.com. He has been a DXer for more than 50 years and has written three books on the history of DXing and shortwave broadcasting, published by McFarland.

✱ **Fines: KNDC-1490 Hettinger, North Dakota** is fined \$7000 for failing to file for renewal in a timely manner and subsequent unauthorized operation; co-owned **KBJM-1400 Lemmon, South Dakota** was also fined \$7000 for failing to file for renewal in a timely manner and subsequent unauthorized operation.

✱ **Thanks to: John Clemmer via Tim Noonan; Deane McIntyre; Dave Schmidt, Radio World-Online and you.** See you again in a fortnight.

GRAVEYARD DX ACHIEVEMENTS – UPDATE

* 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

1240 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WKEZ WV	Bluefield	Russ Edmunds	Blue Bell, PA	+ 377

1340 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WKCB KY	Hindman	Barry McLarnon	Ottawa, ON	670
WMDR ME	Augusta	Russ Edmunds	Blue Bell, PA	* 404
WMSA NY	Massena	Russ Edmunds	Blue Bell, PA	+ 330
WRHI SC	Rock Hill	Russ Edmunds	Blue Bell, PA	479
WKRM TN	Columbia	Russ Edmunds	Blue Bell, PA	716
WSTJ VT	St. Johnsbury	Russ Edmunds	Blue Bell, PA	* 340

		<u>1400 kHz</u>		
<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WMFA NC	Raeford	Russ Edmunds	Blue Bell, PA	+ 418
WWRK SC	Darlington	Russ Edmunds	Blue Bell, PA	592

		<u>1450 kHz</u>		
<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WVAX VA	Charlottesville	Barry McLarnon	Ottawa, ON	525

Remember to get your updated Graveyard DX Totals in soon, as that list will be appearing soon.

Domestic DX **Mike Brooker** aum108@idirect.com
Digest – East **99 Wychrest Avenue**
Toronto, ON M6G 3X8 CANADA
U.S./Canadian Loggings from Eastern/Atlantic Time Zones. All times ELT.

REPORTERS

HF-MI	Harold Frodge, Michigan Area Radio Enthusiasts DXpedition, Brighton – Drake R8B + 500' SSW unterminated beverage + 85' TTFD.
KK-VA	Kraig Krist, Manassas – PL-310, NRD-545, Kiwa loop, homemade 134 foot multiband antenna running NW to SE.
JM-PA	John Malicky, Pittsburgh – Superadio III, Delco car radio.
DP-QC	Denis Picard, Trois-Rivières – ICOM 746 Pro, Kiwa loop, 145' attic wire
JJR-MI	John J. Rieger, L'Anse – CCRadio 2.
LW-NY	Leslie Wood, East Meadow – Sony 2010, Grundig G8, Radio Shack loop.
DY-WV	David Yocis, Shannondale – R75, Quantum phaser, LWs.
MKB-ON	Mike Brooker, Toronto – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

DX TESTS

- 1440 WFNW NY **Gloversville** – 3/6 0100 – Fighting off CHKT-1430 slop and presumed WHKZ gospel, noted several “WFNW” code IDs (.-. -. -. -.-), various oldies, e.g. “The Rain the Park and Other Things” by the Cowsills, and voice IDs that were mostly buried under WHKZ’s Focus on the Family. **(MKB-ON)**
- +++ 3/6 0100 – Very good at times with heavy QRM and fading, code IDs, oldies, voice IDs mentioning “on 1440 AM and 94.1 FM”, phone calls including mine, and mention of test for the NRC. **(JM-PA)**
- +++ 3/6 0100 – Morse code heard at 0102, 0112 and 0123; ID at 0102 “1440 WFNW” with mention of the NRC; Mamas and Papas’ “California dreaming” at 0106; other mention of the NRC at 0118. ID at 0131 “My name is Mike... AM radio WFNW” into the Doors’ “Light my fire.” QRM from an ESPN station (WVEL-MA?) and another one carrying the “Family week-end magazine” (WHKZ-OH?). New for me. **(DP-QC)**
- +++ 3/6 0138 – Heard on DX Test with oldies, voice ID. On peaks, running about even with dominant WHKZ running Focus on the Family. **(DY-WV)**
- 1540 WKVQ GA **Eatonton** – 3/12 0100 – Was only able to hear some Morse code at 0103 and 0130, nothing else. CHIN (dominant), WDCD (surprisingly, almost a no-show), and a station with 60’s to 80’s pop rock (WXEX-NH?) where there. New, GA #2. **(DP-QC)**
- +++ 3/12 0103 – Heard on DX Test with Christmas music, code IDs, voice ID. Good with KXEL’s Midnight Trucker Network and CHIN’s “Music Safari” program from CRI. **(DY-WV)**
- +++ 3/12 0100 – DX test mixing with KXEL and SS station, Morse code IDs, ID by man, contact info and Christmas music. Poor to barely heard. Also noted 0200-0230 at fair to good level. **(KK-VA)**

UNID

- 770 UNID -- 3/5 0635 – Very poor under WABC with “Somebody To Love” by Jefferson Airplane and other oldies. No "True Oldies" station in GA. Possibly WKFB, but nothing heard to fade. **(JJR-WI)**
- 1100 UNID -- 2/25 1805 – Weak over/under WTAM in SS with ESPN Deportes. **(JM-PA)**

LOGGINGS

- 560 WQAM FL **Miami** – 3/9 0255 – In mix with typical ESPN programming, talking about Ohio State Buckeye basketball coach, NBA results, BYU violations, mention of "... WQAM.com...." **(KK-VA)**
- WFRB MD **Frostburg** – 3/9 1832 – In WJLS mix with ads mentioning Frostburg, station promo "5-60 Left on the dial - right on the issues." **(KK-VA)**
- WJLS WV **Beckley** – 3/9 1832 – mixing with WFRB with St. Mary's v. Greater Beckley Christian high school basketball game, "Sponsored by the West Virginia...", PSA for West Virginia Fire Marshal's office. **(KK-VA)**
- 580 WCHS WV **Charleston** – 3/9 1901 – In WHP mix with man running down a list of West Virginia businesses. "We now return you to our regular programming already in progress." into ABC News, "WCHS The Voice of..." ID. **(KK-VA)**
- 640 WFNC NC **Fayetteville** – 3/15 0355 – Coast to Coast AM in mix with Cuban station, station promo "Paving the way business does business. Serving the local community for 70 years. We're 6-40 news talk WFNC Fayetteville, a... station..." into CBS news. **(KK-VA)**
- 680 WCBM MD **Baltimore** – 2/12 1800 – "Talk Radio 690 WCBM" ID into Fox News on the hour with Chris Chandler. Fair, under WPTF. **(LW-NY)**
- WPTF NC **Raleigh** – 2/12 1750 – In with "680 WPTF" ID, mention of "Midnight Radio" talk show, Tuesday-Saturday 1AM, into "Money & Home Improvement" show. Good signal atop frequency. **(LW-NY)**
- +++ 3/16 0355 – In mix with talk show discussing President Obama, "This is your host for WPTF... this is news radio 6-80 WPTF Raleigh North Carolina" into news, local "WPTF accuweather...", station promo "when you need to know we're here 24 hours a day. WPTF and WPTF dot com." into "Midnight Radio Network" show. **(KK-VA)**
- 690 WIST LA **New Orleans** – 3/17 0355 – In mix with usual Fox Sports programming, station promo "Sports radio 6-90 WIST 'The Sports Leader'", "Fox Sports – Go Now!" network promo. **(KK-VA)**
- 730 WZGV NC **Cramerton** – 3/4 1802 – In mix with WTNT, fortuitous event of being at the right place at the right time. WTNT is dominant here as the transmitter is only 20 miles away. At tune in, stumbled upon a pause in WTNT programming. WTNT carrier on, but a break in the audio. During the WTNT audio break heard station promo “Appalachian sports...Charlotte’s home for sports, Fox Sports 7-30.” **(KK-VA)**
- 780 WJAG NE **Norfolk** – 3/5 0705 – Poor with "780 AM and 105.9 FM, Newsradio WJAG" slogan, local weather in WBBM null. **(JJR-MI)**
- 800 KXIC IA **Iowa City** – 3/4 1854 – Poor but steady over others with call letter ID, time check, weather “from KWWL”, local news. **(JJR-MI)**
- WSVS VA **Crewe** – 3/4 1803 – In mix with C&W songs, station promos: "This hour only...your home for the country classics banishes those sad country songs. It's country happy hour." "That's Charley Pride 'Never been so... in my life'. Here's your classic country favorite hits...." "If you love country music, really love country music, you found the right place. Classic country 8 hundred AM WSVS." **(KK-VA)**
- 810 WJJQ WI **Tomahawk** – 3/5 0711 – Poor over others with call letter ID, local weather by woman. **(JJR-MI)**
- 880 KRVN NE **Lexington** – 3/5 1924 – Promo for Lincoln Airport; KRVN jingle ID into C&W music. Mixing with WCBS and UNID SS. **(HF-MI)**
- 900 KFAL MO **Fulton** – 3/4 1856 – Poor with call letter jingle over others, C&W songs, no CHML. **(JJR-MI)**
- 910 WHSM WI **Hayward** – 3/5 0744 – Poor with "WHSM.com" website promo and "910AM WHSM" ID after ads. No usual WFDF. **(JJR-MI)**



- 920 WMOK IL **Metropolis** – 3/4 1947 – C&W songs in mix with other C&W station (probably CKNX), out of mix, man with "WMOK" ID. **(KK-VA)**
- 930 WDLX NC **Washington** – 3/6 2044 – In mix with WFMD and FF talk station [WPAT Paterson, NJ with ethnic programs? Mike] with typical ESPN programming discussing college basketball playoffs, dual ID as "this is Pirate radio 12-50 WGHB Farmville-Greenville, Pirate 9-30 WDLX Washington-Greenville-Newburg." **(KK-VA)**
- 950 WROL MA **Boston** – 3/8 0659 – Over usual pest WWJ with tail end of "Our Daily Bread" gospel program, woman with station promo: "...are you a friend of one of our ministries on WROL 950 AM?", also mentioned wrolboston.com web site. **(MKB-ON)**
- 960 KLTF MN **Little Falls** – 3/5 0716 – Presumed over others with slogan "Little Falls Radio" in station promo, time check, local MN sports scores. No calls heard. **(JJR-MI)**
- WHYL PA **Carlisle** – 2/25 1855 – Station ID, then into local weather with meteorologist Joe Soebel. **(LW-NY)**
- 970 WNEB NY **Buffalo** – 3/6 2101 – NPR programs in mix with other talk and ESPN stations, man with upcoming program promo, woman with website promo "on AM 970 WNEB dot..." **(KK-VA)**
- 980 WAKV MI **Otsego** – 3/5 1116 – Oldies, slogan "WAKV the Memories Station"; mixing with CFPL and WONE. New catch. **(HF-MI)**
- 990 WEEB NC **Southern Pines** – 3/16 1611 – In mix with Sean Hannity Show, local weather, station promo "...Southern Pines... Fox News Radio...WEEB we got you by the ears." **(KK-VA)**
- CKGM QC **Montreal** – 2/28 1827 – Good with local traffic, "Team 990 sports update", Canadiens v. Flames pre-game show, then gone. **(JM-PA)**
- +++ 3/14 2011 – In mix with sports talk, ad for radio and TV courses in downtown Montreal, slogan "this is Montreal's sports authority 9-90." Ad for Old Dublin Irish Pub. **(KK-VA)**
- 1050 WBQH MD **Silver Spring** – 3/9 1909 – Man with local news in mix over WADC. **(KK-VA)**
- WADC WV **Parkersburg** – 3/9 1909 – In WBQH mix with oldies including Air Supply "Every Woman In The World", Elvis "Memories", Platters "The Magic Touch", man with "10-50 WADC" ID. **(KK-VA)**
- 1070 WAPI AL **Birmingham** – 3/12 1835 – Promo with many mentions of WAPI, Birmingham, and 100wapi.com, into Neal Boortz. Fair with unID gospel station. **(DY-WV)**
- WFNI IN **Indianapolis** – 2/25 1800 – In with ESPN sports, promo for "The home of the Bulldogs" (local Butler University), slogan "1070 The Fan." Fair-good, haven't heard them since known as WIBC! **(LW-NY)**
- 1090 KAAV AR **Little Rock** – 3/9 1917 – Gospel songs in mix with WBAL, man mentioning phone number "...501-401-0228...." According to KAAV website, www.1090kaav.com, this is KAAV's contact phone number. **(KK-VA)**
- WAQE WI **Rice Lake** – 3/6 *0715 – Fair with sign-on, no SSB, into Fox Sports talk. **(JJR-MI)**
- 1200 WXKS MA **Newton** – 2/19 1845 – In with Glen Beck weekend show. "Fox News Radio 1200 WXKS" ID. Fair-good with CFGO. **(LW-NY)** *Although Limbaugh was this station's raison d'être, per Scott Fybush's North East Radio Watch, WXKS scrapped their "Rush Radio" slogan. Mike.*
- WRKK PA **Hughesville** – 3/3 1757 – Good at times in mess with ID as "News talk 1400 AM WRAK Williamsport and 1200 AM WRKK Hughesville", local ads into Penn State basketball pre-game show. Also noted 3/4 1818 with Williamsport v. Abington Hts. girls high school basketball playoff. **(JM-PA)**
- 1220 WBCH MI **Hastings** – 3/5 1253 – The Car Show program, slogan "News-Talk 12-20", "Your news & information station WBCH" ID at ToH into ABC News, then The Car Show continued. Mixing with WHKW and NOS station. **(HF-MI)**
- 1230 WENY NY **Elmira** – 3/12 2246 – Promo for weather "on News Talk 12-30 and 14-50 WENY," good over the din. **(DY-WV)**
- 1240 WIAN MI **Ishpeming** – 3/7 0837 – Poor with "Telephone Time" program, giving local phone number and WJPD.com website promo (WJPD is WIAN's FM sister). Rare. **(JJR-MI)**



- 1250 WGL IN Fort Wayne – 3/5 1307 – On top with ID as "You're listening to AM 12-50 WGL Fort Wayne, The River", Indiana University basketball. **(HF-MI)**
- WYKM WV Rupert – 3/3 1842 – Fair in mess over/under CJYE with slogan "your country companion WYKM", local WDDZ only with open carrier in their null. **(JM-PA)**
- 1300 WJZ MD Baltimore – 3/1 1940 – Very good at times with Maryland Horse Show, ads and ID as "ESPN Radio 1300 is WJZ AM Baltimore, WJZ-HD2 and HD3 Catonsville-Baltimore." **(JM-PA)**
- WXRL NY Lancaster – 2/25 1832 – Fair/weak in mess with polkas, ads and "WXRL... Lancaster New York's..." station promo, then faded. **(JM-PA)**
- WSYD NC Mount Airy – 3/4 1945 – Fair with southern gospel songs, ID "you're listening to solid gospel on WSYD Mount Airy, North Carolina..." then faded. **(JM-PA)**
- WKZN PA West Hazleton – 3/8 1807 – Over WOOD/WXRL mix with local news, wilknewsradio.com website promo, "here's the News Radio WILK forecast" into local weather, "it's 36 degrees at WILK 980 AM, 103.1 FM" (didn't mention 1300). //WILK-980. **(MKB-ON)**
- WJYP WV Saint Albans – 2/25 2200 – ID as "1300 WJYP Saint Albans" noted in mess, then gone. **(JM-PA)**
- 1310 KGLB MN Glencoe – 3/7 0829 – Poor with "I'm ... 1310 KGLB sports" over weak WIBA. **(JJR-MI)**
- 1320 CJMR ON Mississauga – 3/6 0047 – Fair with station promo "on Joy 1250, Christian Radio for Southern Ontario" to fade. //CJYE-1250. **(JJR-MI)**
- 1330 WVHI IN Evansville – 3/11 1859 – ID "WVHI Evansville, your voice of heavenly inspiration," into Focus on the Family. Good and atop. **(DY-WV)**
- WSPQ NY Springville – 3/4 2301 – Light favorites, ID "The greatest music ever made, WSPQ Springville, New York," fair-good in mix. Another ID at 2305: "The greatest music ever made, Classic Hits 13-30 WSPQ." **(DY-WV)**
- 1340 KWLM MN Willmar – 3/7 0710 – Poor with call letter ID repeated twice in a few minutes. **(JJR-MI)**
- 1350 WCMP MN Pine City – 3/7 0734 – Poor with long newscast, promo for "basketball tonight on WCMP-FM", NOS music. **(JJR-MI)**
- 1380 WPHM MI Port Huron – 3/7 0713 – Poor with local weather, station promo, call ID and weather repeated again. **(JJR-MI)**
- 1390 KRRZ ND Minot – 3/6 1859 - Poor over/under KXSS with call letter ID, oldies. **(JJR-MI)**
- 1400 WHGB PA Harrisburg – 3/4 1710 – ESPN sports, promo for espnradio1400.com, ID for 1400 and 104.1-HD-3 FM, Harrisburg mentions, win a trip to watch Penn State in the NCAA tournament. Good with pest WINC phased. **(DY-WV)**
- 1430 WPLN TN Madison – 2/23 1830 – Fair-good, presumed with NPR's All Things Considered, no ID in break. **(JM-PA)**
- 1440 WJL NY Niagara Falls – 3/6 0128 – Poor with call letter IDs between oldies while trying for WFNY DX test. **(JJR-MI)**
- 1450 WIBM MI Jackson – 3/11 2112 – ID "ESPN Radio 1450 WIBM" briefly good in the mix. **(DY-WV)**
- WNBY MI Newberry – 3/5 0700 – Poor in mess with call letter ID by woman. **(JJR-MI)**
- 1460 CJOY ON Guelph – 3/4 1908 – Poor and alone with call letter ID after Joni Mitchell oldie. **(JJR-MI)**
- 1490 WOSH WI Oshkosh – 3/7 0705 – Poor in fade-up with "Sportstime on WOSH" and faded out. **(JJR-MI)**
- 1510 WLKR OH Norwalk – 3/3 1810 – Fair-good in WPGR null with syndicated oldies, slogan "Norwalk's cool gold WLKR" and sign-off at 1830. **(JM-PA)**
- KMSD SD Milbank – 3/7 0816 – Poor with newscast, time check, calls, local weather in and out with sports talker I was chasing for 20+ minutes, but never got. **(JJR-MI)**
- 1520 KRHW MO Sikeston – 2/25 0055 – Fair-good in between WLAC-1510 and WCKY-1530 slop with slogan "Country legends 98.9 and 1520 KRHW", C&W songs, Fox News update and Sikeston High School boys basketball v. Notre Dame High School. **(JM-PA)**
- WTHE NY Mineola – 3/2 1858 – Fair-good with gospel music, PSAs, ToH ID as "New York's first gospel station, 1520 WTHE Mineola, New York and on the world wide web at wthe1520am.com", cut power at 1905. **(JM-PA)**



- WDSL NC **Mocksville** – 3/2 1827 – Fair with bluegrass music and local “WSIC [1400] - WDSL Hometown News”, then gone. **(JM-PA)**
- WARR NC **Warrenton** – 2/23 1756* – Very good with Dionne Warwick and Louis Armstrong songs, full data sign-off mentioning station is owned by Darensburg Broadcasting and giving studio and transmitter locations. **(JM-PA)**
- WQCT OH **Bryan** – 3/4 1844 – Up briefly with Bee Gees song and “AM 1520 WQCT” ID. **(JM-PA)**
- KOKC OK **Oklahoma City** – 3/2 1905 – Fair-good until 1830 pattern change with “News talk 1520 KOKC” ID, Neil Boortz show, “News 9 weather forecast.” **(JM-PA)**
- WCHE PA **West Chester** – 3/11 1611 – Talk program about local service programs offered by Christian groups, many mentions of Chester County, Coatesville, and other localities. Confirmed on station web site that a program reporting on local Christian service groups is scheduled for this time. Slowly losing out to WARR-NC with local WTRI silent, but still in the mix at 1633 when a call ID was finally heard. **(DY-WV)**
- 1540 WSMI IL **Litchfield** – 3/3 1858* – Noted sign-off, weak but no sign of KXEL. **(JM-PA)**
- KTGG MI **Spring Arbor** – 3/5 1059 – Religious and Latino tunes, slogan “KTGG Inspirational”, ToH ID: “15-40 AM KTGG inspirational radio from the campus of Spring Arbor, your source for inspirational radio.” Well on top! Not heard at all during November, December and January DXpeditions. Did they up power recently? **(HF-MI)** *This eastern K-call was not grandfathered from the 1920s like KDKA or KYW. Someone at the FCC misread their application, thinking they were in Montana (MT) rather than Michigan! Mike.*
- 1590 KWBG IA **Boone** – 3/5 0734 – Poor in tight null with “Talk of Des Moines, Radio Iowa” mentions a few times. Only IA station listed. No calls heard. **(JJR-MI)**

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.

Spring has sprung. The sunspot count has riz. I wonder where the DX is?
 Welcome to new reporter Frank Aden from Boise, ID.

Reporters


- FA-ID **Frank Aden N7SOK, Boise, ID** Modified FRG-7 4 foot Box loop.
- JDS-MN **Jeff Steffes, Watertown, MN** Drake R8, Kenwood R-2000, Quantum QX Loop
- JEL-MO **Jefferson E. Lewis, Kansas City, MO** Honda Odyssey car radio
- JJR-WI **John J. Rieger, South Milwaukee, WI** CC Radio2.
- JW-CO **John Wilkins, Wheat Ridge, CO** Drake R-8, 4-foot box loop.
- RV-TX **Robert Vance, El Paso, TX** WinRadio G303e/PD, 12'x9' unterminated corner-fed N-S loop, 3 square meter amplified air loop
- SA-MB **Shawn M. Axelrod VE4DX1SMA Winnipeg, MB** Icom IC-70, Drake R8; 4 foot unamplified box loop; Quantum Loop; 155 foot outdoor wire' 100 foot indoor wire; MFJ 1060 phasing unit.
- WH-CO **Wayne Heinen, Aurora.** Kiwa Loop Drake R8B, E/W Flag, N/S Flag, Dual TG-1 Termination Gizmo w/DX Engineering RPA-1 preamp and Mini DXP5.

DX Tests

- 1440 WFNW NY **Gloversville** – 3/6 0100 – DX test not heard here. Re-listened to tapes and still nothing, Thanks for the test maybe next time. **(SA-MB)** 3/6 0100 – Possible code heard in mess but not enough to confirm. **(FA-ID)**
- 1540 WKVQ GA **Eatonton** – 3/12 0100 – DX Test heard with Code ID's at 0103 and 0109 0115 under KXEL. NEW for me! Love these DX tests even more when I hear them! **(SA-MB)** 3/6 0100 – Nothing heard in mess. **(FA-ID)** 3/12 0100-0220 – Several

Morse Code ID's heard on DX test; no other programming discernible, but the code ID's punched through nicely, as they always do. A new one here from a rare state, just #5 here from GA. (JW-CO) 3/13 0227 – Morse code ID and Jazzy Christmas Music o/ XEHOS and KXEL. First new GA here since 2007, Email verie back already. (WH-CO)

DX Loggings (All Times ELT)

- 590 CJCL ON **Toronto** – 3/10 1940 – Very faint reception, commercials with references to Ontario, followed by “The Fan Five-Ninety.” (JDS-MN)
- 690 WJOX AL **Birmingham** – 3/15 0802 – Poor "Jocks" and website info, phone numbers given. Alone. (JJR-WI)
- KTSM TX **El Paso** – 3/10 2158 – Fair but pretty much alone with mention of Newstalk 690, Fox, out of commentary, legal ID, into news. Pretty rare since their night pattern points SSW. (JEL-MO)
- 740 KCBS CA **San Francisco** – 2/12 0230 – Poor but audible in the rumble w/news, traffic, and weather. Heard CL as well as slogan "...around the Bay, around the world, around the clock..." (RV-TX)
- 920 KSVB NM **Albuquerque** – 2/27 0500 – Out of Classical styled music "You're listening to listener supported radio Life Talk Radio KSVB Albuquerque." (WH-CO)
- 980 KFWB CA **Los Angeles** – 2/14 0630 – Coming up out of the scrum with a promo to go to cbslocal.com to win tickets to see Jane Fonda in "33 Variations" at the Ahmanson Theatre, other ads, then back into *America's Morning News*. (RV-TX)
-  KSVB UT **Richfield** – 3/10 0909 – Area ads, state and local news and weather. Good on peaks with some post-sunrise fading. (JW-CO)
- 990 KRKS CO **Denver** – 2/20 2000 – Fair with fading into REL music program *Sing For Joy*; Legal ID at top of hour, into Salem news then *Colorado Issues* talk program. First US station for me on this frequency to go with 4 XE's. (RV-TX)
- 1070 KNTH TX **Houston** – 3/5 0730 – Furniture ad, then this ID: "Intelligent Talk Radio, NewsTalk 10-70 KNTH" and into diabetes talk show (read: infomercial). Fair in KNX null. (JW-CO)
- 1180 WSQR IL **Sycamore** – 3/5 0713 – Out of weather report, “AM Eleven-Eighty WSQR, The Voice Of Northern Illinois,” into commercials with references to Plano. (JDS-MN)
- 1190 KPHN MO **Kansas City** – 3/15 0907 – Poor; no WOWO, but over UNID C&W outlet. R. Disney fare. Only affiliate. (JJR-WI)
- WNWC WI **Sun Prairie** – 3/5 0730 – Out of *Focus On The Family Weekend Magazine*; “Faith Eleven-Ninety.” Back to *Focus on the Family*. (JDS-MN)
- 1220 WLPO IL **LaSalle** – 3/6 0700 – Top of hour ID: “WLPO LaSalle,” into national news, followed by “AM WLPO traffic and weather.” (JDS-MN)
- 1270 KDJI AZ **Holbrook** – 3/8 0859 – Dual KVWM-970/KDJI-1270 legal ID, followed by Fox news, lagging a few seconds behind KIML's co-channel Fox News. Generally fair. (JW-CO)
- 1280 WGBF IN **Evansville** – 3/15 0831 – Poor; calls, Tri-Cities announcements. Not heard in a while. Alone. (JJR-WI)
- 1310 KKNS NM **Corrales** – 3/4 0900 – Latino music; ID at 0901:30 by male voice mentioning 1310 AM and 95.9(?) FM; "La Ley...la toda ley...24 horas del día...para todo Albuquerque y todo Nuevo Mexico"; music and slogans followed; ad block at 0923. Fair signal but covered by KFKA. (JW-CO)
- 1320 WILS MI **Lansing** – 3/6 0802 – “Thirteen-Twenty WILS,” into *Easy Gardening Show*. (JDS-MN)
- 1340 KCQL NM **Aztec** – 2/26 0000 – Out of FSR programming "KCQL AM 1340 Aztec-Farmington" and back to FSR. (WH-CO)
- 1360 WIXI AL **Jasper** – 3/15 0730 – Poor with 2 songs in a row, 2 ads, finally promo for Gospel show with calls. No WTAQ at all, as had been in an hour earlier. (JJR-WI)
- KRWC MN **Buffalo** – 3/6 0822 – Wright County obituaries, followed by “KRWC Thirteen-Sixty” into commercials for local businesses, followed by “Wright County’s home for the Twins, Thirteen-Sixty KRWC.” (JDS-MN)



- 1370 KWRT MO Boonville – 3/15 0834 – Poor in mess with "Saturday on 1370 KWRT," and mess. (JJR-WI)
- 1380 KCIM IA Carroll – 3/7 1915 – News with references to Carroll county, and Sioux City, into commercial for Stuart Memorial Community Hospital, followed by "KCIM news time Six-Seventeen," into weather. (JDS-MN)
- 
- 1390 KXSS MN Waite Park – 3/7 1930 – "Your local sports leader, Thirteen-Ninety KXSS Waite Park, St. Cloud," into local sports talk. (JDS-MN)
- WTJS TN Jackson – 3/12 0838 – Fair; no WGRB, 70 miles south. Local weather, "Western TN" announcements. Calls. (JJR-WI)
- 1440 WZYX TN Cowan – 3/15 0614 – Poor; steady with plenty of time checks, etc. 0623 news, TN announcements. Calls heard only once in 15 minutes. OLD C&W. (JJR-WI)
- 1480 WBBP TN Memphis – 3/15 0845 – Poor; steady with jumpy GOS mx and "1480 WBBP" by woman, over all! (JJR-WI)
- 1530 KFBK CA Sacramento – 2/12 0700 – Poor but semi-readable w/ top of hour ID "...Fox News, weather, and traffic on the hour...NewsTalk 1530, KFBK, Sacramento...", then into Fox News. Competition from XESD-GUAN among others. (RV-TX)
- 1560 KGOW TX Bellaire – 3/15 0747 – Poor; chat with athlete. "1560 the Game" said twice. No WQEW, WGLB, others. (JJR-WI)

Errata (That's Latin for Editor Screw Ups)

In 78-23, I listed Neil Kazaross as being Grafton, WI with an R8A and Split Delta Flag at 320 degrees. In reality, he was at his alternate DX cave in Barrington, IL with an R8A and phased BOG System at 320 degrees, 338 feet // 185 feet from that DX.

Also, his log of CHRB 1140 was on 2/25 at 1931. I neglected to include the date and time of his report.

The editor regrets the errors. (JDT-WA)

Otherness

Walter Nissen in Berea, OH writes that CBS's program *60 Minutes*, airing on WBBM (reported in 78-22) can also be heard on WCBS 880 NYC and WBZ 1030 Boston. Maybe other CBS owned and operated stations?

A nice turnout of interesting stuff. Think Spring. See you next time. (JDT-WA)

ABBREVIATIONS USED IN DDXD

// - Parallel to. :00 – On the hour. AC – Adult contemporary. AP – Associated Press. BBD – Big band. C&W – Country and western. CCz'R – Contemporary Christian radio. CHR – Contemporary hit radio. CID – Code ID. CL – Call letters. COL – City of license. EE – English. EZL – Easy listening. FF – French. GOS – Gospel. Hi – A joke; the ham radio equivalent of :-). LID – Legal ID (i.e., CL and COL near the ToH). LSR – Local sunrise. LSS – Local sunset. NBA – National Basketball Association. NFL – National Football League. NHL – National Hockey League. NPR – National Public Radio. OC – Open carrier. OLD – Oldies. PSRA – Pre-sunrise authority. PSSA – Post-sunset authority. QRM – Man-made interference (power lines, other stations, etc.). QRN – Natural interference (lightning, etc.). QTH – Location. REL – Religious. ROK – Rock'n'roll. RS – Regular schedule. \$ - Stereo. SID – Singing ID/jingle. SRS – Sunrise skip. SS – Spanish. SSB – "The Star-Spangled Banner." SSS – Sunset skip. TC – Time check. ToH – Top of the hour. TT – Test tones. UC – Urban contemporary. VID – Voice ID. WW1 – Westwood One.

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

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

Trans-Atlantic DX

- 162 **FRANCE** *France Inter*, Allouis MAR 5 0227 – Man in French, mentioned France (not an ID); chant-like song. Fair. [Frodge-MI]
 171 **MOROCCO** *R.Medi-Un*, Nador MAR 5 0229 – Man in Arabic with pop music. Good and much better than 9575 parallel. [Frodge-MI]
 189 **ICELAND** *Ríkisútgáfa*, Gufuskálar MAR 6 0031-0036 – Man in Nordic-sounding language with English country and blues tunes. Fair peaks, better in LSB. [Frodge-MI]
 531 **ALGERIA** *Chaîne 1*, F'kirina Wilaya d'Oum El Bouaghi FEB 21 0440 – Stringed music parallel 549 kHz; poor. [Yocis-WV]
 549 **ALGERIA** *Chaîne 1*, Les Trembles FEB 21 0439 – To fair peaks with stringed music parallel 531 kHz. [Yocis-WV]
 612 **MOROCCO** *SNRT* Sebaa-Aioun MAR 14 0215 – Poor reception with program in Arabic. Man with phone call followed by local music, into woman and man with additional talks in Arabic. Poor but better than it's been recently. [Wood-MA]
 1098 **SPAIN** *RNE5* synchros MAR 18 0239 – Fair; talk and light music parallel 1107 and 1152 kHz among others. [Conti-NH]
 1557 **FRANCE** *France Info*, Fontbonne MAR 12 0535 – Briefly fair with talk by a man in French. Several other hets indicating good high-band transatlantic conditions shortly before the 1540 WKVQ DX test, which was apparently heard in at least the UK. [Yocis-WV]

Pan-American DX

- 526 **BAHAMAS** ZLS Stella Marais Int'l Airport, Long Island MAR 6 0106 – Weak. [Frodge-MI]
 530 **CUBA** *R.Enciclopedia*, La Habana FEB 21 0442 – Dominant with elevator music, female announcer in Spanish, CIAO well under. [Yocis-WV] MAR 6 0230-0242 – Woman in Spanish with program of a variety of instrumental tunes: Latino and disco. ID after each song (Thank you!). S9 well over co-channel interference. [Frodge-MI]
 730 **COLOMBIA** HJCU *Melodia*, Bogotá MAR 15 0158 – Fanfare then man with "En la cadena melodia de Colombia, esta es la hora..." and mellow vocal. Recorded; good mixing with CKAC. [Black-MA]
 730 **MEXICO** XEPQ Cd. Muzquíz, Coah MAR 6 1158 – XE anthem, followed by what I assume is the Coahuila state anthem and a short prayer; ID (sign-on?) at 1204 by male voice: "A esta hora XEPQ La Sabrosita está en el aire, transmitiendo por el 730 de su radio, cinco mil watts de potencia, desde el corazón del oasis del norte Muzquíz, Coahuila, México..."; time and temperature checks followed, with some chit-chat, and finally music at 1206 UTC. Fair signal with usual pest XEHB off the air (they came on later around 1305 UTC). [Wilkins-CO]
 770 **MEXICO** XEREV Los Mochis, Sin FEB 12 0840 – Under/competing with partially phased KKOB New Mexico, with U.S. and Mexican contemporary hit radio and dance music. Caught "Cuarenta Principales" slogan by deep-voice announcer a couple of times but had to also compare with its website stream to make sure. Ahh... the marvels of technology. [Vance-TX]
 810 **BAHAMAS** ZNS3 Freeport MAR 15 0958 – Bahamian national anthem then woman with jingle, "Covering the islands like the sun, reaching far and wide to everyone, 810 AM," and man with "From Bimini to Abacor, Berry Islands to South Florida, Bahamians everywhere tune to 810 AM." Recorded; excellent. [Black-MA]
 910 **MEXICO** XEACN León, Gto FEB 26 1115 – Fade-up with *R.Fórmula* network ID and XEDF ID, then back into news program. ID with XEACN call letters heard at 1257 UTC. [Vance-TX]
 960 **MEXICO** XEHK Guadalajara, Jal FEB 9 0210 – Fair to good with rancheras. Caught partial ID, "...XEHK, nueve-sesenta AM, La Voz de Guadalajara," during announcement alternating man and woman. Presumed change of power at 0300 when it suddenly dropped like a rock. Almost armchair copy... well, armchair with headphones on. [Vance-TX]



- 960 **MEXICO** XEK Nuevo Laredo, Tamps FEB 10 0600 – Fair and fading in and out with baladas. Mexican national anthem at 0600. Time check and singing callsign ID after each song but no full ID ever heard. [Vance-TX]
- 1000 **CUBA** *R.Artemisa*, Artemisa MAR 2 0050-0135 – Sitting atop at least two Cubans when surprisingly this one, which was airing nice traditional Cuban vocals, broke for a youthful female live "Radio Artemisa" ID. More traditional Cuban vocals, another ID at 0112, "Esta es Radio Artemisa, la emisora (at first thought "estrella") de la Habana... desde Cuba." Yet another live ID at 0130, where "emisora" was clear and thus ruling out "estrella." So the question is, is this ex-1320 (also once on 1330 which may have moved to 1320 rather than a second transmitter), or is this the listed *R.Cadena Habana* transmitter re-purposed (or both)? Co-logged with David Crawford while on Trillian chat. [Krueger-FL]
- 1000 **CUBA** *R.Granma*, Manzanillo MAR 14 0059 – Woman with ID, "Transmite Radio Granma, Manzanillo, Cuba." This is the 5 kW transmitter at Media Luna, Granma province, a triplexed site with 1140 CMNL *R.Bayamo* (1 kW) and 1260 *R.Progreso* (2.5 kW). Recorded; poor-fair under IBOC interference from 1010 WINS New York. With thanks to Mauricia Molano from RealDX. [Black-MA]
- 1010 **MEXICO** XELO Chihuahua, Chih FEB 26 0140 – Good to poor with baladas and frequent "La X" slogans, as well as a couple of times "Radio Lobo" was used. [Vance-TX]
- 1040 **MEXICO** XEHES Chihuahua, Chih FEB 28 0130 – Good to poor in mix with Mexican pop/rock as well as U.S. classic pop/rock. Frequent time checks, slogan IDs "Radiorama Siglo 21" and "Radio Chihuahua." Full ID with call letters caught at 0302. [Vance-TX]
- 1140 **CUBA** *R.Rebelde*, unknown site MAR 1 1146 – Fair-good over/under at least one other unidentified Cuban and presumed WQBA Miami (also in Spanish). [Krueger-FL]
- 1160 **BERMUDA** VSB3 Hamilton MAR 18 0244 – Poor; BBC World Service through WVNJ and a number of unID signals. [Conti-NH]
- 1620 **CUBA** *R.Rebelde*, La Habana and Guantánamo FEB 21 0435 – Good with speech by a man, parallel 5025 kHz, over WDHP and unID *ESPN*. [Yocis-WV] MAR 6 1110-1121 – Woman in Spanish with easy listening non-Latino music. Mixing with Lake County TIS and unID ABC News. Parallel 5025 with s20 signal. [Frodge-MI]
- 1620 **U.S. VIRGIN ISLANDS** WDHP Frederiksted FEB 21 0434 – Fair-poor under Cuba; BBC news, confirmed via website parallel that WDHP was running BBC at this hour. [Yocis-WV]

Contributors

Chris Black N1CP, South Yarmouth MA; Microtelecom Perseus, south Delta.

Bruce Conti, Nashua NH; WiNRADiO Excalibur, 7 x 19.5-m variable termination Split SuperLoop at 60°, 15 x 23-m variable termination north/south SuperLoop.

Harold Frodge, Michigan Area Radio Enthusiasts DXpedition, Brighton MI; Drake R8B, 500-ft south/southwest unterminated Beverage, 85-ft TTFD.

Terry L. Krueger, Clearwater FL; JRC NRD-535, ICOM IC-R75, Hammarlund HQ-180A, Aqua Guide 705 Radio Direction Finder, Sony ICF-7600GR, GE SuperRadio III, RadioShack DX-399, Sony Walkman SRF-59, RadioShack Pro-60 handheld scanner, RadioShack Pro-2005 scanner, 1 X roof dipole, 1 X in-room random wire, RadioShack 15-1853 passive MW loop, Scotka active MW ferrites loop.

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

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

Stephen Wood, Harwich MA; Drake R8B, 25 x 50 northeast/southwest SuperLoop.

David Yocis, Shannondale WV; R75, Quantum phaser, longwires.

International News

CUBA: *R.Progreso* on **1230 kHz**, location unknown, recently logged by European DXers Andrew Brade and Paul Crankshaw. [RealDX]

UNITED KINGDOM: OFCOM is now writing in response to *R.Caroline* MW license campaigners that the BBC is reconsidering the vacating of **648 kHz** following appeals. OFCOM are promising to write again once the BBC has reached a decision regarding the frequency. [Brian Nichols, Facebook, via Mike Terry, *mwdx*]

73 and Good DX!

*** LATE WORD FROM LIBYA – As of March 18, Radio Free Libya ("Huna idhaat Libya al-Hurra") is now being heard on 1449 kHz from Mesrata in western Libya, as well as on 675 (Benghazi) and 1125 (al Bieda). [Tarek Zeidan, Aalborg, Denmark via DX Listening Digest yahoo group.] ***

Confirmed DXer

Phil Bytheway phil_tekno@yahoo.com
9705 Mary NW
Seattle, WA 98117-2334

If you hear from a station you've heard, tell us all about it - pb

- 660 WFAN NY, New York. Sent e-f/up. Received f/d email in 13min. V/s: Eric Spitz, Program Director. espitz@wfan.com. (MM-Spain)
- 680 WPTF NC, Raleigh. Sent e-f/up. Received very friendly f/d email in 31m. V/s: Brian W Freeman, Program Director. bfreeman@curtismedia.com. (MM-Spain)
- 760 XEES MÉXICO, Chihuahua, Chih. PPC, letter, 8x11 photo of staff in 53 days. V/s Margarita Jiménez de Sandoval, Gerente General. 114th XE verie on MW. (JW-CO)
- 830 YVLT VENEZUELA, Radio Sensación, Caracas. Sent e-f/up. Received f/d email in 2h 30m. V/s: Juan Carlos Feijoó, Gerente de Operaciones. He is the director of a web about horses racing and as none of the station addresses gave any result I wrote him through the email of that web: jcfeijoog@hipismo.net. (MM-Spain)
- 1060 XEEP MÉXICO, R Educación. Sent e-f/up. Received f/d email in 1h. V/s: Ramsés Márquez G, Subdirección de Desarrollo Técnico. rmarquez@radioeducacion.edu.mx. (MM-Spain)
- 1070 HJCG COLOMBIA, Radio Santa Fe, Bogotá. Sent e-f/up. Received 2 emails, first in 16m from Iván Augusto Briceño Linares, Comunicador social y periodista. The second from 2d after from Blanca Bernal (the owner). I wrote to contacto@radiosantafe.com. (MM-Spain)
- 1190 XETOT MÉXICO, Tampico, Tamaulipas. Heard with ABC network programs, sent e-report to HQ in México DF, received f/d email in 5 d. V/s: Felipe de Jesus Alanis Garcia, Ingeniero. fanis@abcradio.com.mx. (MM-Spain)
- 1270 KFLC TX, Fort Worth. PPC in 15 days. V/S illegible. (JW-CO)
- 1340 HJFB COLOMBIA, R Fiesta, Bogotá. Sent e-report, received email in 2d. V/s: Juan Carlos Marroquín. radiofiesta1340@hotmail.com. (MM-Spain)
- 1380 WABH NY, Bath. Sent e-f/up. Received email confirming reception and confirming a tech problem making them to stay with day power at night (10KW vs. 450W). V/s: Jeff Neal, Operations Manager. wvinprogramming@stny.rr.com. (MM-Spain)
- 1400 OBX4W PERU, R Callao. Sent e-f/up to the email obtained asking in the web site contact form. Received f/d email in 4 days at second try. No v/s. radiocallao@gmail.com. (MM-Spain)
- 1440 WRED ME, Westbrook. Sent e-f/up (4th!). Received f/d email in 45m. V/s: J. Morgan Grumbach, Local Sales Manager, Atlantic Coast Radio. morgan@atlanticcoastradio.com. (MM-Spain)
- 1450 WENJ NJ, Atlantic City. After 2 s-mail and 4 email reports unanswered, the 5th was replied in 51d. V/s: Kristen Lucca, Promotions Coordinator ~ Millennium Radio Group. kristen.lucca@mrgnj.com. (MM-Spain)
- 1593 CNR-1 CHINA, Changzhou 600kw. Sent s-mail report. Received QSL-card in 60d. Addr: China National Radio, PO Box 4501, Beijing 100866, CHINA. (MM-Spain)
- 1650 KWHN AR, Fort Smith. PPC and F/D letter in 10 days on 5th f/up. V/s on the letter was Kelley Ray, Program Director. The PPC was signed by a Notary! 1650 is no longer on the air and these calls reverted back to 1320 some time ago. (JW-CO)
- 1670 WFSM GA, Dry Branch. Sent e-report, received email in 3h. V/s: James Gay, Chief Engineer. jamesgay@clearchannel.com. (MM-Spain)

Contributors are :

JW-CO John Wilkins, Wheat Ridge CO

MM-Spain Mauricio Molano, Salamanca, Spain

Please preserve these QSL's for future display! Do not discard these items. For preservation information, contact the National Radio Club

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Musings of the Members

Dave Schmidt NRCMusings@aol.com
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 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.

This has been our most active season for Musings in some time, but the adjustment is very welcome! Keep in mind our deadlines are Friday, hand written and typed reports are welcomed but please skip a line between, thats all we ask. And away we go:

Kraig Krist, KG4LAC, Manassas, VA

A recap of 2010.

2010 was a very productive reception/DX year for me. In 2010 I had 2,096 receptions setting an all-time personal record. Of those, 1,964 receptions (more than doubling 2009's 890 receptions) were in the medium wave band with 1,853 receptions (beating 2009's 882 receptions) at my regular listening post, 53 during a DX outing in Linden, VA, 36 while on vacation in Luray, VA and 22 while in Puerto Rico. Of the 1,853 receptions at my listening post, 1,527 were using the JRC NRD-545, 321 using the Tecsun PL-310 and 5 using the Sony ICF-SW7600G. Of the 1,527 receptions using the NRD-545, 676 were using the Kiwa loop, 438 using the 134 foot multiband antenna, 206 using the Quantum loop, 198 using the 65 foot multiband antenna and 9 using the 43 foot Eavesdropper.

I heard 151 stations for first time in 2010 (besting 2009's total of 142) at my listening post. These were CFOS, CFRW, CIAO, CKIM, CKWW, George Mason University TIS, KFAQ, KNX, KOA, KRMG, KWKH, Virginia Department of Transportation Highway Advisory Radio, WABN, WAGR, WAGY, WAME, WANG, WANR, WAUD, WBAP, WBLT, WBTM, WBYN, WCBA, WCCS, WCGC, WCHA, WCHT, WCPA, WCRO, WCRV, WCUE, WDDT, WDEL, WDIC, WDMV, WDOV, WDRD, WDWD, WEED, WEGP, WEPM, WEZE, WFBR, WFIC, WFIN, WFLR, WFSR, WGAC, WGBW, WGDJ, WGEM, WGFA, WGFY, WGIV, WGNQ, WGTK, WHBG, WHBL, WHBS, WHGT, WHLO, WHLX, WINA, WIXE, WIXI, WJCV, WJLS, WJMT, WJRM, WJZ, WKAV, WKAZ, WKBL, WKBN, WKDL, WKDV, WKGE, WKIK, WKIX, WKJK, WKJV, WKMC, WKNR, WKOK, WKPT, WKRC, WKST, WKWH, WKZK, WLBR, WLOC, WLOU, WLSG, WLXE, WMBD, WMBS, WMFS, WMIR, WMIX, WMNA, WMT, WNAV, WNCA, WNDE, WNED, WNML, WNRI, WOKV, WOSU, WOYK, WPDC, WPGY, WQEL336, WQVA, WRGM, WRSC, WRUF, WRVC, WRWB, WSAI, WSML, WSOM, WSPO, WSPZ, WSSG, WTIV, WTJZ, WTMA, WTNT, WTOC, WTRI, WTVN, WTZX, WURA, WVAR, WVCV, WVIE, WVMC, WVMT, WVNA, WVOI, WWIL, WWRK, WWWC, WXKS, WXYT, WYGL, WYRD, WYTI and WZHF.

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

The New Station Average per station heard (NSA) at my regular listening post is .081 Or, almost 1 new station for every 10 receptions. The New Station Average doesn't guarantee I will get a new station every 10 receptions. NSA is simply an average. New Station Average per Day (NSAD) is .41 or averaging almost 1/2 a new station per day. Reception Average (RAVG) at my regular listening post is 5.077 Or, 5 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 exactly 5 stations each day of 2010. Since I average 5 receptions per day if I multiply .41 * 2 (for 2 days or average 10 receptions) this equals .82. Close enough to confirm the accuracy of the New Station Average calculation.

Of the 151 stations, 128 heard using the JRC NRD545 (67 using Kiwa loop, 20 using 134 foot multiband antenna, 20 using Quantum loop, 19 using 65 foot multiband antenna and 2 using the 43 foot Eavesdropper antenna) and 23 first time stations heard using the Tecsun PL-310. 151 stations breakdown by month. 11 January; 48 February; 28 March; 9 April; 3 May; 2 June; 5 July; 5 August; 5 September; 25 October; 5 November and 5 December.

I heard 156 stations (besting 2009's total of 145) for the first time at my current QTH. This count is different than the 151 first time stations as it only looks for unique reception for the QTH regardless of other listening locations. Breaks down as 131 heard using the NRD545, 24 heard using the PL-310 and 1 heard using the Sony ICF-SW7600G.

Some fantastic distance catches in 2010 from my listening post. KNX Los Angeles, CA took the top with a distance of 2,279.1 miles (heard using NRD545 and 134 foot multiband antenna). 2nd was

KOA Denver, CO at 1,456.6 miles (heard using the NRD545 134 foot multiband antenna and on another date heard using the NRD545 and Kiwa loop. Also heard using the PL-310 with built in antenna). 3rd was WOAI San Antonio, TX at 1,336.4 (heard using the NRD545 and the Kiwa loop and on another date using the NRD545 and 65 foot multiband antenna). 4th was CKIM Baie Verte, NL at 1,298.2 miles (using the Tecsun PL-310 with built in antenna). 5th was CFRW Winnipeg, MB at 1,235 miles (heard using NRD545 and 134 foot multiband antenna). 6th was WBAP Fort Worth, TX at 1,179 miles (heard using the NRD545 and 65 foot multiband antenna and on another date heard using the Tecsun PL-310). 7th was KRMG Tulsa, OK at 1,045.3 miles (heard using the NRD545 and Quantum loop and on another date using the Tecsun PL-310 and built-in antenna). 8th was another station from Tulsa, KFAQ at 1,018.4 miles (heard using the NRD545 and Kiwa loop). 9th was KWKH Shreveport, LA at 1,006.9 miles (heard using the NRD545 and Kiwa loop). To round out the top 10, at 10th was WCCO Minneapolis, MN at 926.6 miles (heard using the NRD545 and Quantum loop, heard another date using the NRD545 and Kiwa loop, heard another date using the NRD545 and the 134 foot multiband antenna and also heard on another date using the PL-310 with the built-in antenna).

Focusing on the ultralight Tecsun PL-310 with the built-in antenna at my listening post. 1st is KOA at 1,456.6 miles, 2nd is CKIM at 1,298.2 miles, 3rd is WBAP at 1,179 miles, 4th is KRMG at 1,045.3 miles, 5th is WCCO at 929.6 miles, 6th is WTNI at 860.3 miles, 7th is WHO at 859.3 miles, 8th is KCNZ at 823.3 miles, 9th is WMT at 773.4 miles and 10th is WKSH at 633.8 miles. While honeymooning in Puerto Rico, using the Tecsun PL-310 and built-in antenna, I was able to receive the Caribbean Beacon, R. Reloj, Radio Trinidad, Voice of Nevis, WBMJ, WDHP, WFAN, WGod, WINS, WIVV, WOSO, WRVA, WSTA, WVI and WWRL. Amazing distances were WINS New York City, NY at 1,623 miles, WWRL New York City, NY at 1,621.6 miles, WFAN New York City, NY at 1,621.1 miles and WRVA Richmond, VA at 1,484.9 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. 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 2010. Beginning in April, for 2011, I plan another 1,000 miles), shortwave listening/DXing, keeping up my website, www.kg4lac.com, being the e-DXN and NRCDXAS webmaster, monitoring Radio Romania International, monitoring Radio Bulgaria, etc. I'm looking forward to another productive year in 2011. 73 and good listening.

Ben Dangerfield, Wallingford, Pa.

How good it is to see Musings coming back ! I for one have been away too long. First let me say that I like Bruce Conti's suggestions. The idea of publishing just once a month makes sense and also increasing to magazine size. I think, however, that Bruce, you should come to the next convention and make your case. And Jim, you are now two up on me on Musings, but I do value your contributions. As for me, I am slowing down in my DXing but I'm still at it. I began DXing in 1932 in Pittsburgh when I discovered that there was much more to hear than the 5 locals, [then KDKA, WCAE, WJAS, KQV and WWSW.] I got a 4 tube Detrola for Christmas and learned about RADEX from my older sister and discovered the thrill of picking up such as KSL, KFI and KSL. Now RADEX was perfect for learning about DX with its listings of stations by frequency, location and call letters and its information of stations' time on the air, ownership etc., and test programs and frequency checks. I enjoyed the reports of what was being heard but they never told me when to tune for foreign stations so I didn't really know how to log TAs and TPs even though most frequencies were clear all night long. I advanced to a 5 tube Philco and then a 6 tube all wave Philco that served me until I got a Hammerlund HQ-180 in 1961.. I was in the Army from 1943 to 1945 and it was there that I learned about TAs while in England, France, Belgium and Germany, and while in Germany after the war ended I had access to a radio and compiled a listing of European stations. Back home, and now living near Philadelphia, still with the 6 tube Philco, I began to hear many of these TAs, and in 1958, now in Wallingford, Pa. I learned about the NRC thru an article in Radio-TV Experimenter. I joined the NRC and put up a long wire for my Philco, and began, for the first time, to collect veries, and I specialized in foreign stations and countries. My country total stands at 131. I got an R8A in 1996 which I am still using along with 3 antenna slopers and a DXP-3A phaser. Also have a KIWA loop as a spare. I'm not as spry as I once was but having 2 great grand children and their mother living with my wife and me keeps me going. My DX these days is mostly checking TAs, my first DX love.

Adding on some more on my Pittsburgh DXing days: I had some experiences with the Pittsburgh stations that might be interesting. KDKA, then on 980 was owned by Westinghouse and in 1935 when they opened their new modern studios in the Grant Building my father took me to the grand opening ceremonies, Around the same time he took me to their transmitter complex in Saxonburg,

Pa., which was more than 20 miles north of Pittsburgh. There I saw a lots of wood towers including the ones used by shortwave W8XK which sent their signal all over the world. On Saturday nights KDKA and W8XK broadcast messages to the far north. In 2001 I attended the NRC convention in Pittsburgh and visited both the place where they began broadcasting in 1920 and their new studios in Gateway Center. In 1942 I attended a New Years Day party at the apartment of KDKA announcer Bill Beale who had done som of the messages to the far north. The there was WWSW, which became the first all night Pittsburgh station in 1939. In 1936 I and my 8th grade class had gone to the WWSW studios to sing Christmas carols over the air. In 1942 I got to know WWSW announcer Bill Cullen who later went on to become well known. Also, around 1938, when I was collecting 78 rpm records I was sent to the KQV studios by my music store to buy some phonograph records on loan at the station and their disc jockey, Joe Vallella sold them to me. He did an evening record program that ran from 7:30 to 8:00 every night. They had to sign off then because they shared time with WSMK Dayton, Ohio, on 1380 kilocycles. KQV shared studios and transmitter with WJAS, Pittsburgh's CBS outlet. Incidentally, often at night when I was listening to a program on WJAS I could clearly hear NBC programs from WEBC, Duluth, on the same frequency, 1290 then. The other Pittsburgh station then was WCAE, the NBC red network outlet, whose transmitter across the Monongahela River put in the best signal in our part of town. I shall try to do another Muse soon and talk about the fabulous long distance reception conditions in the 1960s heard from my present location, Wallingford, Pa. (Glad to hear from you Ben!-DWS)

NOAA Space Weather Outlook

Issued March 15 – For the period March 16-April 11, 2011

Solar activity is expected to be at very low levels with a chance for C-class events from March 16-24. An increase to low to moderate levels is expected for the remainder of the period with the return of old Regions 1165 and 1164 on 25 March and old Region 1169 on March 31.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at moderate levels from March 16-19. Normal background levels are expected to prevail during March 20-28. High levels are expected to return from March 29-April 5 and then a decrease to normal background levels is expected for the remainder of the period.

Geomagnetic field activity is expected to be at mostly quiet levels from March 16-27. An increase to active to minor storm levels is expected from March 28-31 in response to a recurrent coronal hole high speed stream (CH HSS). A return to mostly quiet levels is expected from April 1-6. Quiet to unsettled conditions with a chance for an isolated active period from April 7-10 is expected in response to another recurrent CH HSS. A return to quiet levels is expected for the remainder of the period.

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



Bruce Elving's **FM Atlas ... 21st Edition**

The world-famous guide which has served FM DX'ers for over 20 years is available from NRC Publications at the special price of \$20.00 for NRC USA/Canada members, \$24.00 USA/Canada non-members, \$25.00 for all others. Canadian orders: PayPal or postal M. O. only. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

The IRCA Mexican Log

15th Edition (Winter 2010)

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

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

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Int'l DX Achievements

David Yocis NRCDXNews@gmail.com
864 Valley View Road
Harpers Ferry, WV 25425

Thanks to those who have sent in updates. If you have updates, or aren't listed here but would like to be, please send your info!

By tradition, the IDXA column is based on stations *verified*, not stations heard. (Two members list stations taped, indicated by a "(t)" after their names.)

This time, our International DX Achievers are sorted by Total Foreign Verifications.

Year Start	Name	Location	Last Upd	Total Ver	Cty Ver	For Ver	NA	SA	Eur	Af	As	Oc
1938	Anderson, Roger A.	VA/NY/PA	2007	1448	105	514	227	78	128	28	5	48
1950	Krejny, Edward	OH	1996	2733	76	441	208	126	91	10	0	6
1940	Morss, Stan	MA	1993	3922	84	424	218	65	221	14	3	1
1958	Merriman, Alan	VA	1994	1615	93	368	212	47	88	14	4	3
1986	Axelrod, Shawn	So Man	2008	2487	56	342	196	38	57	12	10	29
1958	Dangerfield, Ben	PA	2011	437	131	338	85	44	153	35	13	8
1952	Schiller, Ron B.	NJ/other	2011	2103	87	254	136	34	72	8	3	1
1946	Moore, Ray	MA/FL	2005	253	107	252	95	52	59	24	7	11
1959	Dabelstein, Carl	NE	1959	2310	40	207	25	1	1	0	0	3
1947	Luton, Relfe	NC	1973	1049	23	142	102	4	3	0	0	33
1969	Karchevski, Bob	MA/CA	1975	204	24	141	112	0	0	0	0	6
1957	Callarman, John	?	1970	740	50	138	72	20	17	3	6	20
1975	Heinen, Wayne	CO	2010	1734	15	135	128	1	1	0	2	3
1976	Froemming, Gary	AZ	2004	624	24	131	157	25	0	0	1	9
1975	Swearingen, Paul (t)	KS	2010	910	23	126	63	16	0	0	0	0
1973	Sgrulletta, John	NY	2007	92	76	92	40	6	34	7	5	0
1976	Renfrew, Jim	NY	2003	540	56	91	59	10	19	1	1	0
1965	Neff, James R.	NY	2011	30	29	87	70	4	10	1	1	1
1965	Sampson, John	NJ	1965	445	54	72	23	6	38	3	1	1
1958	Wesolowski, Ernie	NE	2007	1967	26	70	55	6	0	1	1	7
1967	Floden, Eric	ONT	1970	93	16	65	61	3	0	0	0	0
1992	Taylor, Pete	CA	1993	375	26	58	22	4	0	0	19	13
1931	Holland, George B., Jr.	NY	2006	885	22	58	46	5	5	0	1	2
1962	Edmunds, R. J. (t)	NJ	1998	897	43	56	50	37	14	0	1	0
1962	Musco, Ron	CT	2011	1328	54	48	32	3	10	2	1	0
1958	Phillips, Dan	TN/AL	1974	567	26	40	21	9	5	1	0	3
1962	Davison, Tim	OH	1962	474	11	38	21	1	0	0	0	0
1964	Fela, Joseph	NJ	1965	738	24	35	19	4	11	1	0	0
1966	Bruner, Jesse R.	KY	1966	132	23	27	17	3	5	0	0	2
1973	Mount, Paul	NJ	2011	230	6	25	22	2	0	0	0	0
1964	Heinen, Wayne	NY	2006	472	14	21	14	2	5	0	0	0
1969	Falconer, Jeff	ON	2000	1091	22	20	14	2	2	0	0	2
1977	Wolfish, Niel	ON	1977	397	11	20	14	4	2	0	0	0
1968	Bytheway, Phil	WA	1982	457	9	20	0	0	0	0	0	0
1964	Whatmough, Dave	ON	1999	1014	13	15	6	1	3	6	0	0
1962	Edmunds, R. J.	NJ	1998	266	7	13	10	3	0	0	0	0
1968	White, Thomas	VA	2005	255	12	12	11	1	0	0	1	0
1964	Edmunds, R. J.	NY	1999	76	3	1	1	0	0	0	0	0
1965	Long, John	CT	1968	101	29	0	0	0	0	0	0	0
1975	Bartek, Daniel, Jr.	NE	1976	23	2	0	0	0	0	0	0	0



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