

DX News

• Serving DX'ers since 1933 •

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From the Publisher: Just as the DX starts to slow down, here's our largest issue of the volume year. We'll be back again in three weeks.

Barry Finkel has this year's major league baseball networks in this edition – available to dxn.com on the first weekend of the season! Looks like some teams are migrating back to the big 50 kW clears, like WBAL-1090 and KMOX-1120, for their coverage. Good news for baseball fans and for DXers. I know I'm not the only NRCer to have discovered BCB DX by finding those out-of-town radio broadcasts. Anyone else remember Expos day games in English on CFCX-6005?

NRC AM Radio Log #31 – Sold Out! The last copies of the *Log* have been claimed, and the cupboard is bare until the 32nd edition rolls off the press in late summer. Until then, please send along any updates, changes, corrections, etc. to Wayne Heinen at sales@nrcdxas.org or at P.O. Box 473251, Aurora CO 80047-3251.

NRC Convention 2011?: Still no news on this year's convention – meaning we are still looking for a host. What's involved? Ask Ernie Wesolowski, 13312 Westwood Lane, Omaha NE 68144-3543, <neerniew@yahoo.com>.

IRCA Convention: From Mike Sanburn: I wanted to relay this info on the upcoming IRCA convention June 23-25 in Colorado Springs CO. It is still scheduled to go as planned however Bob Wien and I have essentially swapped host and co-host positions. So now all registrations and \$30 fee should be sent and made payable to Mike Sanburn, P.O. Box 1256, Bellflower CA 90707-1256. Our hotel is Airport Value Inn at 6875 Space Village Ave. Colorado Springs CO 80915. Their phone number for reservations is 719-596-5588. We have a block of rooms at the convention rate of \$69 per night. There are nearby eateries

(Dairy Queen, Daniels Tacos, convenience store, etc...) Friday tours are planned at KCMN/KCBB as well as KVOR. Saturday morning we hope to take a drive around to many of the local tower sites. That night our banquet will be at the local Golden Corral buffet (not included in registration) And questions can be directed to mikesanburn@hotmail.com. Hope to see many DXers there. 73 Mike KG6LJU

New Member Report: Welcome to new members Tim Rahto, Baltimore, MD (rejoins); Greg Sanford, Parker, CO; Dwight Thomas, Thorsby, AL.

DX News Publishing Schedule, Vol. 78

	Deadline	Masthead	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 April 1, 1936 *DX News* – Germany appeared to be expanding its shortwave broadcasts. From the April 9, 1936 *DX News* – According to a newspaper report, the Mutual Broadcasting System is seriously considering establishing a synchronized network, on which a group of stations in different cities would carry the same program on the same frequency.

50 years ago – From the April 1, 1961 *DX News* – Hank Wilkinson in North Hollywood CA logged OBX4X-895 "Radio El Sol" in Lima, Peru; several members reported the HCJB-700 test from Ecuador and new St. Lucia on 840.

25 years ago – From the April 14, 1986 *DX News* – Ron Schatz, Pompano Beach FL, noted that he had been named co-editor of the WRTH.

10 years ago – From the April 16, 2001 *DX News* – Paul Swearingen, Topeka KS, reported that new station KWSJ-1660 Kansas City KS was testing with classical music // KXTR-1250.

Membership Renewals

Your subscription expiration date is on the back cover. Renewals go to NRC Headquarters, P.O. Box 473251, Aurora, CO 80047-3251. Rates are also on the back page. You can also order online using PayPal – go to <www.nrcdxas.org>.

Order e-DXN in addition to (or instead of) your subscription to the paper edition, and get DX News in PDF form (and in full living color!) a full week before the masthead publication date.

You can use the opportunity to order publications too – just a single check is necessary.

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>	<u>New Call</u>
970 KXFD OR Portland	KUFO
1190 KXXM CA Anaheim	KGBN
1340 KXSL ID Wendell	KTFI
1450 KIOV ID Notus	KWEI
1520 NEW WA Snohomish	KKXA
1580 WPMP MS Pascagoula-Moss Point	WPMO
1660 KXTR KS Kansas City	KUDL



CONSTRUCTION PERMITS ON THE AIR

1090 KULF TX Bellville – Is on the air with D3 1000/0. Included in the CP was 1000 Watts during critical hours, but that has been deleted.
1120 KANN UT Roy – Is on with U4 10000/1100.
1380 WMTD WV Hinton – CP for U1 1000/13 is on the air.

ACTIONS

540 WGOP MD Pocomoke City – Licensed for U1 500/243, WGOP applied to move to Damascus, Maryland with U4 1000/1000, but the application was dismissed. We now note the listing has reappeared, so pencil it back into your AM Logbooks.
610 WXVA VA Winchester – Licensed for U4 500/500 (currently silent), WXVA has applied for U2 500/380 while moving the day operation to a new transmitter site (using a folded-unipole antenna mounted on a cell tower). They are now operating under a Special Temporary Authorization (STA) with U1 125/125 from the proposed day tower in order to “restore radio service to Winchester” until they are granted the applied-for facilities.
720 WGCR NC Pisgah Forest – Is now on with D1 50000/0 CH 15000.
900 WCME ME Brunswick – Licensed for U1 1000/66, WCME has been operating under an STA with U1 500/25 from a temporary antenna since December 2008 when they lost their tower site. This ‘new’ STA is for U1 176/55 from another antenna location while they negotiate for a permanent site.
1350 WIOU IN Kokomo – Coordinate adjustment to 40-25-01/86-06-49.
1380 WKDM NY New York – Coordinate adjustment to 40-49-13/74-04-09.
1430 WNSW NJ Newark – Is now on the air with U4 10000/7000.

CONSTRUCTION PERMIT AMENDMENTS

1100 WOMN LA Chalmette – Licensed on 1110 with D1 1000/0 at Franklinton, WOMN has a CP to move here with U7 50000/250 CH 20000. This amendment requests U4 50000/220 on 1100 returning to Franklinton.
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APPLICATIONS

1420 WLET GA Toccoa – Licensed for U1 1000/65, WLET has applied to operate temporarily as D1 1000/0 from the former tower of WJTP-890 Lithia Springs at 34-44-33/83-04-16. They had shared a tower with WNEG-630, but when WNEG was granted 5000 Watts (up from 500) and installed a new tuning unit, the new owners of WLET decided not to invest \$20,000 in a new tuning unit for their operation. So they located this ‘new’ tower. WNEG has applied to increase their nighttime power at a separate site. So, if that application is granted, WLET would then move to the new WNEG night site and resume night operation.
1430 WQQQ WI Durand – Licensed for U1 2000/152, WQQQ is silent due to, as stated on the Silent STA application: <i>we have not been able to generate enough revenue to cover</i>

expenses in this tough financial climate. Later, after being sold, the new owners have applied to move their transmitter site to 44-39-13/91-59-43. After the move, they plan to resume operation.

1450 KGFF OK Shawnee – Applies to move their transmitter to a new 185' tower at 35-21-10/96-52-39 while they remain U1 1000/1000.

APPLICATION AMENDMENTS

1420 NEW NM Rowe – Initial application was for U2 1000/250. This amendment requests U1 2500/103.

1350 WLMA SC Greenwood – Although the WLMA license has been cancelled and the calls deleted, the new owners of WLMA have applied to be reinstated. Formerly licensed for U1 1000/85, their reinstatement application requests U1 1000/94 from the original, but slightly shortened tower.

1560 KGOW TX Bellaire – Licensed for U4 50000/15000, WGOW applied to reduce their daytime power to 43 kW. This amendment requests U4 46000/15000.

DISMISSALS AND DELETIONS

1490 KJNT WY Jackson – Construction Permit for U1 420/1000 has been dismissed. Their CP remains U1 1000/1000.

AM ON FM

920 KVIN CA Ceres – K222BX (92.3) Modesto
 970 WVOV VA Danville – W279AO (103.7) Danville
 980 KMBZ MO Kansas City – KUDL (98.1) Kansas City
 1230 KDYM WA Sunnyside – KMMG (96.7) Benton City
 1260 WUFE GA Baxley – W245AP (96.9) Baxley
 1320 WENN AL Birmingham – W271BN (102.1) Birmingham
 1430 WNAV MD Annapolis – W260BM (99.9) Annapolis
 1430 WION MI Ionia – W224BZ (92.7) Ionia
 1490 KXRE CO Manitou Springs – K253AH (98.5) Colorado Springs
 1510 KMSD SD Milbank – K255BP (98.9) Milbank

98.1 fm 980 am
KMBZ
 NEWSRADIO

HEAR AND THAR

✿ **Returning to the airwaves:** KYRO-1280 Troy, Missouri with Classic Hits; WSDK-1550 Bloomfield, Connecticut with religion.

✿ **Reported as Silent:** KWMO-1350 Washington, Missouri; WQQQ-1430 Durand, Wisconsin; WQQW-1510 Highland, Illinois; KNGR-1560 Daingerfield, Texas.

✿ **News Item:** *We Help Move Time Through the Air* by John Lowe, manager of National Institute of Standards and Technology radio stations WWV/WWVH/WWVB - Courtesy of RadioWorld Online: While radio station WWVB may be familiar to readers of this publication, most people would not recognize those call letters. However, if you say you have an "atomic clock" hanging on the wall of your house, most everyone would know what you meant. Of course it is not a real atomic clock, but a radio-controlled device that receives the WWVB signal and corrects itself nightly when the 60 kHz signal propagates the best. The antenna towers of WWVB in Ft. Collins, Colo. In July 1956 the National Bureau of Standards started radio station KK2XEI in Boulder, Colo. It was a 2 kW transmitter sending a 60 kHz signal into the summer sky. Even though the effective radiated power was less than 2 watts, the signal was received and monitored at Harvard University in Massachusetts. This experiment showed that the frequency error due to the Doppler shift induced by the ionosphere was small. This was the forerunner of the WWVB broadcast. In April 1960 another experiment was conducted in the foothills of the mountains west of Boulder. A valley-span antenna 3,400 feet long was strung near the old mining town of Sunset. The signal was broadcast with less than 15 watts of power, yet it was consistently observed in New Zealand. Results from the Sunset experiment provided a much better understanding of the ionosphere and the study of whistlers, hiss, the dawn chorus and "sferics." This set the stage for the WWVB radio station.

✿ **Time's Top Hat** - Construction began in 1962 on a site north of Ft. Collins, Colo., near the small town of Wellington. The 390-acre site was chosen in part for its high ground conductivity, a result of the high alkalinity of the soil. On July 5, 1963, WWVB began broadcasting a 7 kW signal at 60 kHz. In August of that year, its sister station, WWVL, began broadcasting a 500 W signal at 20 kHz. On July 1, 1965, WWVB added a time code to the broadcast. The binary-coded decimal (BCD) time code transmitted 1 bit per second by shifting

the power of the carrier by 10 dB. The format is explained in the accompanying graphic. Over the next few years, improvements were made to increase the power up to approximately 13 kW, and it remained there until the late 1990s. In 1972, the WWVL broadcast was terminated and its antenna became the rarely used WWVB backup antenna. Each antenna is a top-loaded dipole consisting of four 122 meter (400-foot) towers arranged in a diamond shape.



The towers of WWVB in Fort Collins, Colorado.

Suspended between the four towers is a system of aluminum cables called a capacitance hat or "top hat." The top hat is electrically isolated from the towers, but connected to a down-lead at the center of the diamond. The down-lead is the radiating element emanating from a helix house at ground level and also at the center of the diamond. The wavelength of a 60 kHz signal is nearly 5,000 m (more than 3 miles), so the length of the radiating element plus the top hat is much less than a quarter wavelength. Therefore, the top hat is inherently capacitive

and a large inductor is added in the helix house to cancel the capacitance of the short antenna. A variometer, or variable inductor, is also included in the helix house to tune the antenna, which is especially useful during wind and ice loading. In 1997, work began to improve the WWVB broadcast. More powerful transmitters (FRT-72) were acquired from U.S. Navy surplus in Virginia, Scotland and Iceland. Extended tuning variometers were acquired from the decommissioned Navy low-frequency station NSS in Annapolis, Md. The WWVB broadcast was kept on the air during these upgrades by use of the old WWVL antenna. When the upgrades were complete on the WWVB side, the WWVL side was upgraded and they were combined with WWVB into a dual broadcast system. Broadcasting from both antennas, the WWVB signal was boosted to 50 kW of effective radiated power beginning in 1999. This increase in power created an explosion of new commercial radio-controlled products, more than a million of which are sold each year.

✿ **Thanks to: Bruce Elving, Tom Jasinski, Jefferson E. Lewis and RadioWorld Online.**

GRAVEYARD DX ACHIEVEMENTS – UPDATE

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

1230 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
KFPW AR	Ft. Smith	Steve Francis	Alcoa, TN	583
WANO KY	Pineville	Steve Francis	Alcoa, TN	70
WNGM GA	Hiawassee	Kraig Krist	Manassas, VA	436

1240 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
KANE LA	New Iberia	Steve Francis	Alcoa, TN	606
WMPA MS	Aberdeen	Steve Francis	Alcoa, TN	293

1400 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WJHO AL	Opelika	Steve Francis	Alcoa, TN	+ 232
WFPR LA	Hammond	Steve Francis	Alcoa, TN	525
WHCQ SC	Spartanburg	Steve Francis	Alcoa, TN	129

1450 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WROB MS	West Point	Steve Francis	Alcoa, TN	306
WENZ VA	Highland Springs	Steve Francis	Alcoa, TN	387
WREL VA	Lexington	Steve Francis	Alcoa, TN	+ 288

1490 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WRED GA	Monroe	Steve Francis	Alcoa, TN	206
WHOC MS	Philadelphia	Steve Francis	Alcoa, TN	361

<u>DXer</u>	<u>DX Location</u>	<u>GY Totals</u>						<u>Total</u>
		<u>1230</u>	<u>1240</u>	<u>1340</u>	<u>1400</u>	<u>1450</u>	<u>1490</u>	
Steve Francis	Alcoa, TN	54	47	43	53	63	74	334

The Grand Totals list is coming up next Issue! Get your new/updated numbers in pronto.

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

- 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.
 JJR-WI John J. Rieger, South Milwaukee, WI CC Radio2.
 JW-CO John Wilkins, Wheat Ridge, CO Drake R-8, 4-foot box loop.
 RS-ID Ron Schiller, Coeur d'Alene, ID Palstar R30, Quantum Loop and Grundig 350, Kia Soul car radio.
 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.

DX Tests

- 1250 WYTH GA Madison – 3/19 0109 – DX test barely heard here. I had to null semi-local CHSM who played a variety of classical music throughout the test and WSSP with sports. Had to use the Quantum Loop to null these guys out. I did get sweep tones at 0109 after re-listening to my tape recording. This is the same time as several others have written saying they heard them too. Not as good a test as last weekend, but a new one from GA is a big deal up here. (SA-MB) 3/19 0109 – Nothing heard that sounded like a test; KWSU on top most of the time. (FA-ID)

DX Loggings (All Times ELT)

- 580 KGAY OR Ashland – 3/28 1250 – Fading in and out over and under KIDO with no sign of usual pest WKTY with Mexican music. NEW!! The DX season is not over here yet. There is still lots of snow and some good DX to go with it. (SA-MB) Shawn – I believe this station changed to KTMT and ESPN Radio some months ago – DY.
- 600 KCOL CO Wellington – 3/19 2200 – Fox News, local WX, ID @ 2205 "600 KCOL" twice, strong on top. (RS-ID)
- KGEZ MT Kalispell – 3/19 2218 – Oldies & KGEZ, Kalispell ID....back from the silence! Big legal hassle apparently from sale of station about 3 years ago. (RS-ID) I think it was Shakespeare who said, "The first thing we do is kill all the lawyers who interfere with AM DXing." (JDT-WA)
- 660 CFFR AB Calgary – 3/23 0800 – Gal with ID: "660 News is CFFR, a division of Rogers Communications;" news followed. Fair with local KLTT-670 IBOC off. (JW-CO)
- 680 KKGR MT East Helena – 3/22 2117 – ID as "KGR (one K) Helena's greatest hits." (RS-ID) There really ought to be a law against at kind of ID. (JDT-WA)
- KKYX TX San Antonio – 3/23 0850 – Older C&W tunes, call letter ID's, traffic, ads; legal ID at 0858:45: "From deep in the heart of Texas, the news and information you need and country legends all day - this is 680 KKYX San Antonio," news headlines, traffic and weather followed, then back to music at 0903. Fair/good with KLTT-670 IBOC off. (JW-CO)
- 710 CJRN ON Niagara Falls – 3/26 2105 – "You're listening to CJRN Seven-Ten" followed by commercial for designated drivers, into Niagara's weather on 710 CJRN, followed by "Tourist Information Radio on 710 CJRN." (JDS-MN)

- 840 WHAS KY **Louisville** – 3/25 0659 – Local spot, then legal ID at 0700:45: "Get news on demand at whas.com and right now on NewsRadio 84 WHAS Louisville," followed by Fox news. Fair with KOA's IBOC partially nulled. **(JW-CO)**
- 930 WBEN NY **Buffalo** – 3/27 0655 – Program *Volunteer Services At Roswell Park Hospital*, into "Listen to Roswell Wellness every Sunday morning on WBEN, news radio-WBEN Buffalo" followed by news. **(JDS-MN)**
- 950 KRWZ CO **Denver** – 3/27 0714 – Out of song: "Poor Little Fool" by Ricky Nelson. "Cruisin' Oldies AM Nine-Fifty, and now on One-O-Three point one" into song: *Eight Days a Week* by the Beatles **(JDS-MN)**
- 960 KMA IA **Shenandoah** – 3/24 0859 – Legal ID for "KMA Shenandoah and KMA-FM Clarinda-Shenandoah." ABC News followed. Fair with KRWZ-950's IBOC off. **(JW-CO)**
- 980 KDSJ SD **Deadwood** – 3/17 2254 – Commercial for Henderson Oil in Bowman, North Dakota; into Station ID: "AM Nine-Eighty KDSJ," followed by commercial for Sturgis. **(JDS-MN)**
- 1040 KCBR CO **Monument** – 3/27 0805 – "Good morning everyone, KCBR is beginning another broadcast day...AM Ten-Forty KCBR, Monument, Colorado. **(JDS-MN)**
- 1070 KATQ MT **Plentywood** – 3/22 2106 – Country music heard thru local KVNI 1080's slop over. No sign of KNX. **(RS-ID)**
- 1130 KSDO CA **San Diego** – 3/23 2116 – Presumably the SS under CKWX. Lousy conditions, but XEGE-1700 in at same time with fair signal. **(RS-ID)**
- 1230 KTRF MN **Thief River Falls** – 3/19 0725 – Commercials with references to Thief River Falls, followed by Station ID: "KTRF", into commercial: "Listen to the Twins on KTRF..." Graveyard Station 242 miles away. **(JDS-MN)**
- KOZI WA **Chelan** – 3/22 2108 – Under local talk-pest KSBN with A/C, Everly Brothers, etc. **(RS-ID)**
- 1270 KNWC SD **Sioux Falls** – 3/23 2024 – Out of *Back To The Bible* program. "Making a difference, Faith Twelve-Seventy." **(JDS-MN)**
- 1290 WIRL IL **Peoria** – 3/23 2041 – Out of song: *Running Bear* by Johnny Preston. "From Nashville to Peoria, classic country WIRL," into song: *Try a Little Kindness* by Glenn Campbell. **(JDS-MN)**
- 1310 WIBA WI **Madison** – 3/23 2057 – Behind KGLB Glencoe, MN. "You're listening to WIBA." **(JDS-MN)**
- 1350 KRNT IA **Des Moines** – 3/23 2125 – "Thirteen-Fifty, KRNT, where the legends live; "into nostalgic song. **(JDS-MN)**
- 1360 WMOB AL **Mobile** – 3/29 0538 – Fair atop anything. Calls by male. In last night almost excellent, but never quite heard calls. GOS/REL. **(JJR-WI)**
- 1390 KCLN IA **Clinton** – 3/25 2042 – Out of song: *In the Midnight Hour* by Wilson Pickett. "Thirteen-Ninety KCLN," into song: *Wichita Lineman*, Glenn Campbell. **(JDS-MN)**
- 1420 WOC IA **Davenport** – 3/25 2100 – ToH "WOC Davenport, the news starts now!" Into Fox News. **(JDS-MN)**
- 1490 KBKR OR **Baker City** – 3/19 2157 – Canned show *When Radio Was*. Surprisingly frequent visitor here at 207 miles with 3 nearer stations on the frequency. **(RS-ID)**
- 1550 CBE ON **Windsor** – 3/25 2158 – Out of *Sculpted in Sound* program credits...visit cbc.ca/ideas into "This is CBC radio one Fifteen-Fifty Windsor" into news **(JDS-MN)**
- 1570 CKMW MB **Winkler** – 3/19 2140 – Well atop the channel with country & several CKMW IDs. **(RS-ID)**
- 1580 KMIK AZ **Tempe** – 3/21 2050 – Radio Disney, parallel 1640 Disney (OR). Pretty strong around 2100. **(RS-ID)**
- 1590 WAKR OH **Akron** – 3/25 2212 – Basketball play by play Ohio State vs. Kentucky, into commercials, followed by "Fifteen-Ninety WAKR Akron" then back to basketball. **(JDS-MN)**
- 1630 KRND WY **Fox Farm** – 3/26 0732 – Spanish music followed by Spanish speaking announcer, more Spanish music. Only Spanish station on this frequency. **(JDS-MN)**
- 1650 KCNZ IA **Cedar Falls** – 3/26 0800 – ToH "This is Fox Sports Radio...Sixteen-Fifty The Fan KCNZ Cedar Falls, into news. **(JDS-MN)**

Unidentified

- 1030 UNID -- 3/18 2129 – Station heard carrying "Golden Age of Radio" on this date (Friday evening). Fair in partial KTWO null. **(JW-CO)**
- 1440 UNID -- SS music and talk under powerhouse KMED, Medford, OR. Don't know if KPTO or the ID of the format. **(RS-ID)**

Although the DX season is definitely winding down, there's still some AM openings to be had. Plus, it's time to turn to FM for some tropo DX. And maybe see what's cooking on the shortwave bands. Yes, they still do shortwave. Not to mention it's time to clean up and fix up the outdoor antennas after the bear of a winter we've had.

Many of you read the trade publication *Radio World*. If you do, you recognize James Careless as a frequent author. He's looking for info about the ABU Early Warning System, and if/how it performed in the recent earthquakes and tsunamis in Japan and New Zealand. If you have some information, contact him at jamesc@tjtdesign.com or by calling him at 613-823-4660.

Radio continues throughout the year. Happy spring, everyone. See you next time **(JDT-WA)**

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

- BC-NH **Bruce Conti, Nashua** - Excalibur SDR, MWDX-5, variable termination SuperLoop antennas northeast and south.
- HF-MI **Harold Frodge, Midland** - Drake R8B + 125 ft. bow-tie; 85 ft. RW & 180 ft. center-fed RW
- KK-VA **Kraig Krist, Manassas** - NRD-545, Kiwa loop, homemade 134 foot multiband antenna running NW to SE.
- TLK-FL **Terry L. Krueger, Clearwater** - JRC NRD-535; ICOM IC-R75; Hammarlund HQ-180A; Sangean PR-D5; Aqua Guide 705 Radio Direction Finder; Sony ICF-7600GR; GE SuperRadio III; RadioShack DX-399; 1 X roof dipole; 1 X in-room random wire.
- TLK-FL1 **Terry L. Krueger, Honeymoon Island State Park, Dunedin** - Sangean PR-D5, ICOM IC-R75, 150 ft. random wire. For more on Honeymoon Island State Park, and other FL remote DX sites: <http://sites.google.com/site/floridadxn/remote-florida-dx-ing-sites>
- JM-PA **John Malicky, Pittsburgh** – Superadio III
- JJR-MI **John J. Rieger, L'Anse** - CC Radio2
- DY-WV **David Yocis, Shannondale** – R8B, Quantum phaser, LWs.
- MKB-ON **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

DX TESTS

- 1250 WYTH **GA Madison** – 3/19 0200 – looking for DX test, only heard sweep tones at 0203; never heard any code; WNEM dominant. **(HF-MI)**
- +++ - 3/19 0200 - DX test mixing with WDVA, ESPN and oldies stations. Only heard sweep tones during the 1/2 hour. WDVA was a pest with religious songs. **(KK-VA)**
- +++ - 3/19 0212 - just audible over/under CJYE and null of local WDDZ with two code IDs and sweep tone. **(JM-PA)**
- +++ – 3/19 0109 – Heard on DX Test with sweeps, tones, one voice ID. Fair in mix; e-QSL back in an hour! **(DY-WV)**
- 1540 WKVQ **GA Eatonton** - 3/12 0101 – (also 0200-0230) - very good at times with instrumental Christmas music, full ID with e-mail and mailing address, code IDs, in KXEL null and over WDCD, called owner Craig Baker for both tests to thank him. **(JM-PA)**

TIS/HAR

- 1610 WPLY701 FL **Tarpon Springs** – 3/19 1155 – Long loop consisting of road construction advisory, stocking batteries for emergencies, and a fire safety/escape segment (they have ran this one for years) which has music and sound effects embedded. Also, if by chance anyone ever randomly hears a bad vocal version of the Star Spangled Banner (not that there are any particularly good versions), it's likely this one. Call sign is also given. Fairly long gap between end and start of the next cycle. Tampa International Airport's TIS weak and nulled. WPLY701 isn't audible at my QTH, though it used to be. Logged on the ICOM IC-R75 with 100-feet of random wire on the ground near beachside. **(TLK-FL1)**

LOGGINGS

- 580 CFRA ON **Ottawa** – 3/24 0736 – Poor and alone with local ads, "580-CFRA" ID into time check, local chatter. **(JJR-MI)**
- 590 WDIZ FL **Panama City** – 3/25 1305 – ESPN sports talk when Radio Musical Nacional, Cuba nulled. **(TLK-FL1)** *With calls like those, I would expect a Radio Disney format. Mike.*
- 600 WBOB FL **Jacksonville** – 3/19 1120 – Very good with local ads including one for an event at the Jacksonville Memorial Arena, ID, wbob.com promo, back to Monica Crowley syndicated talk program. **(TLK-FL1)**
- 690 WOKV FL **Jacksonville** – 3/19 1317 – Very good with electricity savings tips program, mentions of the area's electric supplier JEA.com website, seemingly a thinly-veiled show sponsored by said company. **(TLK-FL1)**
- 730 WSTT GA **Thomasville** – 3/19 1330 – Very good with live ID by female, Southern Baptist preaching and praising, "We give you all the praise in this afternoon." **(TLK-FL1)**
- 740 WRNR WV **Martinsburg** – 3/31 1832 – In mix with ad for Appley Valley Chevrolet Scion in Martinsburg, station promo "...to the eastern panhandle AM 7-40 WRNR", ad for Roberts Jewelry in downtown Martinsburg. **(KK-VA)**
- 790 WSVG VA **Mount Jackson** – 3/31 1857 – In mix with "WSVG" ID by woman, ad for "Virginia 529 plan". **(KK-VA)**
- 800 WSHO LA **New Orleans** – 3/25 1325 – Money talk program, national ads for Home Depot and others, ID at 1330 and into IRN Radio News with embedded spots, including "A Nation In Crisis" book. Very good, though very tight signal/null on the Target bamboo Lazy Susan atop the car roof. Listed as 1 kW, and my favorite catch of the day by far. **(TLK-FL1)**
- WSVS VA **Crewe** - 3/31 1901 – In mix with AP Radio news, Macy's ad, "WSVS Richmond" ID, weather forecast into C&W song. **(KK-VA)**
- 840 WKTR VA **Earlsville** – 3/31 1912* – C&W song, sign-off announcement: "Big country 105.3 and AM 8-40 WKTR Earlsville Charlottesville...now concludes its broadcast day. WKTR is licensed to operate on the assigned amplitude modulated frequency of 840 kilohertz and an effective radiated power of 8200 watts from local sunrise to local sunset as authorized by the Federal Communications Commission in Washington DC. If you'd like to continue listening to today's new country and yesterday's favorites, please tune your FM radio to 105.3 or log onto our website at www.bigcountry1053.com to listen live online. WKTR AM will resume broadcasting tomorrow morning at sunrise. Thanks for listening to big country 105.3 FM and AM 8-40". 1915 SSB played and signal off the air. **(KK-VA)**
- 850 KOA CO **Denver** – 3/20 0355 – In mix with WTAR, ESPN station and Cuban R. Reloj, station promo "Join today by visiting 850 KOA...". **(KK-VA)**
- WRUF FL **Gainesville** – 3/19 1250 – In at local level with live sports talk by two guys, abruptly cut for canned "WRUF, Gainesville, Sports Radio 850..." ID into Florida Gators lacrosse game. **(TLK-FL1)**
- 880 WPIP NC **Winston-Salem** – 3/31 1916 – Gospel music mixing with WCBS (trying to null them as much as possible) and WRFD, station promo or possible sign-off announcement "...Christian programming... WPIP... and may our Lord...". **(KK-VA)**
- WRFD OH **Columbus-Worthington** – 3/31 1916 – In WCBS/WPIP mix with woman talking about dealing with devastating times, "WRFD... talk...WRFD..." station promo, ad for Grace College. **(KK-VA)**

- 910 WRNL VA **Richmond** – 3/29 1851 – In mix with sports talk, ID as "Sports radio 9-10 WRNL". **(KK-VA)**
- 930 WBEN NY **Buffalo** – 3/24 0638 – Poor but alone with woman and man doing local news, call letter IDs. **(JJR-MI)**
- WDLX NC **Washington** – 3/27 2019 – In WRVC mix with sports talk, station promo "Arrgh (as a pirate would say) your pirate station" into ad for Financial Freedom of America. **(KK-VA)** "Pirate Radio" slogan on this station refers to the Pirates of East Carolina University. Mike.
- WRVC WV **Huntington** – 3/27 2019 – In mix with WDLX, running typical ESPN radio programming, "WRVC...ESPN..." station promo. **(KK-VA)**
- 940 WLQH FL **Chiefland** – 3/25 1246 – Tentatively the one based on lack of any other possibilities, format, and DX proximity. Phil Collins "Take Me Home", hip male DJ (maybe satellite-fed source), into ABC Radio News at the very odd time of 1253 for a couple of minutes, then Chubby Checker "(Do the) The Twist". **(TLK-FL1)**
- WADV PA **Lebanon** – 3/28 1845 – Religious programs in mix with WKGM, "Solid Gospel music radio for south central Pennsylvania 9-40 WADV Lebanon...". **(KK-VA)**
- WKGM VA **Smithfield** – 3/28 1845 – In mix with WADV, man hawking "omega formula", ID as "this is AM 9-40 WKGM Smithfield...". **(KK-VA)**
- 950 WIBX NY **Utica** – 3/21 1906 – Wiping out usual WWJ with Fox news into local weather "from the Weather Channel on your news, talk and sports leader WIBX". **(MKB-ON)**
- 960 WHYL PA **Carlisle** – 3/28 1901 – In mix with oldies, station promo "Cumberland county's most powerful radio station 5 thousand watts from the twin towers of power. You're listening to AM 9-60 WHYL Carlisle Pennsylvania" into ABC news. **(KK-VA)**
- 1030 KCTA TX **Corpus Christi** – 3/25 1238 – SS fast-talking preacher. Very good, but splatter from local 1040 WHBO, Pinellas Park. LSB made it better. **(TLK-FL1)**
- 1050 WADC WV **Parkersburg** – 3/26 0355 – Oldies in mix with ESPN station, "This is your home for America's... AM 10-50 WADC" station promo, "your 10-50 WADC forecast" local weather. **(KK-VA)**
- 1060 WLNO LA **New Orleans** – 3/19 1305 – At local level with Black preacher "...somebody even today is hearin' me in Mississippi..." (yeah, Florida, too) and talk about anointing oneself in oil. **(TLK-FL1)**
- 1070 WNVY FL **Cantonment** – 3/25 1220 – "Foundation of Freedom" program, ad for American Center for Law and Justice, mentioning 877-989-2255 phone number and aclj.org web site. Jay Sekulow with anti-Obama talk. Canned ID at 1230, into inspirational message regarding "the dark side of life" and word of God. Fair, with WKII, Solano (Port Charlotte), FL Oldies weakly under. Maybe something else threshold in the mix (hoping for KNTH, Houston) but unable to pull anything else clearly. **(TLK-FL1)**
- WKOK PA **Sunbury** – 3/31 1856 – WKOK Sunbury Broadcasting promo at tune-in into CBS news at ToH. Under CHOK at tune-in, but mixing about equally after 1900. PA #59. **(HF-MI)**
- CHOK ON **Sarnia** – 3/31 1826 – Call-in program at tune-in, "Country 103.9 CHOK" slogan, C&W music. Still on top at 1856, but WKOK challenging; dropped off some at 1900, so probably pattern change. **(HF-MI)**
- 1080 WYHY KY **Cannonsburg** – 3/31 1930 – Very good at times with little QRM from WTIC on their first day of a new format, "1080 AM The River" slogan with "Solid Gospel" mentions, music & Christian programs, CNN News at 2042, ID as "WYHY Cannonsburg-Ashland". Also heard 4/1, ex-"Big 1080 Oldies". **(JM-PA)**
- 1090 WKFI OH **Wilmington** – 3/28 1945* – Fair with part of sign-off mentioning "must leave the air, log onto myclassiccounrty.com", also said "105.3", then main studio call WBZI-1500. **(JM-PA)**
- 1110 WYRM VA **Norfolk** – 3/29 2000 – Good at times over/under WBT with ministry programs and ID "This is Ministry Radio 1110 WYRM Norfolk and WYMM Jacksonville [FL, 1530]." Daytimer operating past sign-off. **(JM-PA)**
- 1120 WUST DC **Washington** – 4/1 1920 – Good before KMOX took over with Hispanic talk or Gospel show, no ID at 1930, cut power at 1940, still heard though weaker past 2000. **(JM-PA)**

- 1150 WMRD CT **Middleton** – 3/29 0355 – Talk and out of WLOC/CKOC mix, "WMRD" ID by man. **(KK-VA)**
- WDEL DE **Wilmington** – 4/1 2123 – Fair between QRM with ID and wdel.com website promo, local weather and Laura Ingraham Show. **(JM-PA)**
- WLOC KY **Munfordville** – 3/29 0355 – In WMRD and CKOC mix with C&W songs, website promo "...24 hours a day at... log on to wloc.com". **(KK-VA)**
- CKOC ON **Hamilton** – 3/29 0355 – Oldies in mix with WMRD and WLOC, station promo "Remember...great time oldies... and great oldies 11-50 CKOC". **(KK-VA)**
- 1160 WQRT KY **Florence** – 3/17 1958 – Good over WYLL with local ads, Jerry Doyle Show, ID as "Real Talk AM 1160 Florence Y'all!" **(JM-PA)**
- KCTO MO **Cleveland** – 3/24 0801 – Fair and loud in SS with "1160" and "LaSuperX" mentions, web info, callers. In for 30+ minutes, no WYLL, etc. If legal ID was given, I missed it. NEW! **(JJR-MI)**
- WOBM NJ **Lakewood Township** – 3/18 2009 – Fair-good over/under WYLL with slogan "Good Time Oldies Station WOBM AM 1160 and 1310", mention of WOBM on Facebook and jingles. **(JM-PA)**
- 1170 KFAQ OK **Tulsa** – 3/15 2017 – Just audible under WWVA with Oklahoma State-Harvard NIT basketball game. **(JM-PA)**
- 1190 WMEJ MS **Bay St. Louis** – 3/25 1416 – Actual measured frequency: 1189.871. Spanish current contemporary pop vocals. I didn't realize that they flipped formats and calls (used to be WBSL with excellent Blues and Black R&B). They've been off-frequency for many years, and despite the format/calls (and ownership?) flip, they remain way off frequency. Apparently the FCC never visits coastal Mississippi. **(TLK-FL)**
- 1200 WXKS MA **Newton** – 3/30 0355 – In mix with station promo "WXKS... thousand watts...Rush Limbaugh and Sean Hannity. The power of talk 12 hundred" into Fox news. **(KK-VA)**
- CFGO ON **Ottawa** – 3/26 2030 – Good; CTV morning commute promo, Team 1200 promo, and ESPN radio. **(BC-NH)**
- 1210 WSBI TN **Static** – 3/26 0036 – Light Christian music in SS, no announcements audible in over 90 minutes of listening, but // web stream. Good on peaks over WPHT. Alleged daytimer. **(DY-WV)**
- 1230 WNGM GA **Hiawassee** – 4/1 0355 – In mix with adult standard type songs, e.g. "Man Without Love" and "Jeopardy" show type music, "...weekdays...WNGM..." station promo into CBS news", woman with local weather mentioning "high of 75". **(KK-VA)**
- WHUC NY **Hudson** – 3/19 2200 – Otis Redding's "Sittin' on the Dock of the Bay," ID "Great songs, great memories, 1230 AM WHUC," fair in mix. **(DY-WV)**
- 1240 CFLM QC **La Tuque** – 3/27 0058 – Good; French pop/rock vocals, through the hour without ID, parallel www.cflm.ca stream. **(BC-NH)**
- 1250 WNEM MI **Bridgeport** – 3/19 0019 – NCAA Network on Westwood One; only net ads and no break at 0100. Later, Investor's Edge program on Business Talk Radio Network; "TV-5 Mid-Michigan's..." promo at 0206. Well on top with brief challenges from gospel, sports talk and oldies stations. **(HF-MI)**
- WMTR NJ **Morristown** – 3/19 0211 – Oldies, ID, good over WYTH DX test, CJYE and others. **(DY-WV)**
- WDVA VA **Danville** - 3/19 0200 – while trying for WYTH DX test, in mix with ESPN and oldies stations, endless religious songs, "WDVA" ID by man. **(KK-VA)**
- CJYE ON **Oakville** – 3/19 0100 – Light music, ID for CJYE-1250 and CJMR-1320, fair in mix with WDDZ, WYTH DX Test, and others. **(DY-WV)**
- 1260 WNDE IN **Indianapolis** – 3/18 0337 – In with Fox Sports and JT The Brick Show. **(JM-PA)**
- WZBO NC **Edenton** – 3/18 0531 – Briefly good with PSA, station promo and "Classic Country WCNC (1400) & WZBO" ID. **(JM-PA)**
- WNXT OH **Portsmouth** – 3/29 2030 – Fair with heavy QRM with Columbus Blue Jackets NHL game vs. Florida, ID as "Portsmouth's ESPN Station 1260 WNXT", heard other nights also over/under "Sporting News Radio WSKO" in Syracuse, NY. **(JM-PA)**
- 1270 WMKT MI **Charlevoix** – 3/18 0259 – Good at times with Great Lakes Weather at :30 past, Fox News, "America Tonight" talk show, "Wall Street Journal Hour", promos, & 5 city ID 1270 AM & 92.1 FM W221BQ, pronounced "char-voy". **(JM-PA)**

- WUCO OH **Marysville** – 3/18 2301 – True Oldies Channel, legal ID, good and atop. **(DY-WV)**
- WLBR PA **Lebanon** – 4/1 1905 – Good with ID, ABC News, Phillies opening day update (5-4 win over Astros), AccuWeather local forecast, Neal Boortz Show, and slogan "your station for information." **(JM-PA)**
- CJCB NS **Sydney** – 3/26 2300 – Good with 1270 CJCB jingle and country oldies. **(BC-NH)**
- 1290 WFBG PA **Altoona** – 3/31 1756 – Talk in mix with WDZY, "The big 12-90 WFBG Altoona" ID by man into WFBG traffic report. **(KK-VA)**
- WRNI RI **Providence** – 3/19 0300 – Station promo and ID, into BBC news, fair in mix. **(DY-WV)**
- 1300 WPNH NH **Plymouth** – 3/30 2005 – Red Sox v. Astros baseball (last of meaningless pre-season games) presumed in dogfight with WOOD and ESPN sports talker. **(MKB-ON)**
- +++ – 3/18 2334 – NOS music, "America's best music on AM 1240 WFTN and AM 1300 WPNH," into Unchained Melody. Good with WGDJ. **(DY-WV)**
- WSSG NC **Goldsboro** – 3/29 1912 – In mix with station promo by woman: "Gospel sound...WSSG breakfast...here on Solid Gospel...". **(KK-VA)**
- 1310 CIWW ON **Ottawa** – 3/25 2000 – Good; 1310news.com promo, Ottawa temperature and news. **(BC-NH)**
- 1330 WRCA MA **Watertown** – 3/28 2358 – Phone number with 617 area code, "AM 1330 WRCA" ID, briefly good. **(DY-WV)**
- 1340 WNZS ME **Veazie** – 3/26 2300 – Ad for Kubota dealer in Bangor into ABC news; over unID 1340 tone and 1341 het. **(BC-NH)**
- 1350 WINY CT **Putnam** – 3/30 1901 – In mix with oldies, station promo "...go to WINY radio...", "What's going on in your neighborhood now? Go to WINY radio...", "WINY 13-50 AM" ID into Elton John "Rocket Man". **(KK-VA)**
- CKAD NS **Middleton** – 3/26 2301 – Good; C&W music, "1420 CKDY Digby, 1350 CKAD Middleton, 103.3 FM Weymouth, 97.7 CKEN in Kentville. AVR, an MBS radio station." **(BC-NH)**
- 1360 WIXI AL **Jasper** – 3/26 0717 – Popped up briefly through WMOB, Mobile's Southern gospel, with live female ID into ad and then lost. **(TLK-FL)**
- 1370 WDEA ME **Ellsworth** – 3/26 2359 – Loud and clear with abrupt sign-off of local WFEA; "You're listening to Hancock County's original radio station, AM 1370 WDEA Ellsworth, a Cumulus station," into CBS news. **(BC-NH)**
- 1410 CKSL ON **London** – 3/24 0658 – Poor under WIZM with call letter jingle, promo for "Oldies1410.com" website into oldies. **(JJR-MI)**
- 1420 WKCW VA **Warrenton** – 3/25 1900 – Fair; Christian/C&W vocal, "1420 WKCW Warrenton" into IRN/USA news. **(BC-NH)**
- 1450 WHTC MI **Holland** – 3/25 2135 – Poor, alone, then lost to mess with WHTC.com website promo, call ID, talk show. **(JJR-MI)**
- WYFY NY **Rome** – 3/23 1900 – Poking through with gospel music, ToH ID "keeping the mind and the spirit alive...WYFY Rome" then lost in graveyard jumble. **(MKB-ON)**
- 1550 WSDK CT **Bloomfield** – 3/19 2106 – Religious program, legal ID 2100, promo and ID 2106, fair in mix. Ex-WDZK, ex-silent, and ex-Disney. **(DY-WV)**
- 1560 KKA A SD **Aberdeen** – 3/24 0930 – Poor and alone with "Family Radio" promo and call letter ID. **(JJR-MI)**
- 1570 WLKD WI **Minocqua** – 3/24 0823 – Poor and alone with "Music of Your Life...Lakeland's 1570 WLKD" station promo, NOS songs. **(JJR-MI)**
- 1600 WKWF FL **Key West** – 3/19 1209 – Local level with ESPN sports talk. Logged on the ICOM IC-R75 with 100-feet of random wire on the ground near beachside. **(TLK-FL1)**
- WAOS GA **Austell** – 3/20 0740 – Good just after local sunrise with SS talk, ads for cell phone access to Central America, Atlanta stores, live laughing DJ, into Mexican vocals. **(TLK-FL)**
- 1650 WHKT VA **Portsmouth** – 3/14 1831 – Very good with ID and back to the Mark Levin syndicated show. **(TLK-FL)**
- 1700 KVNS TX **Brownsville** – 3/20 0708 – Very good with oldies by Elton John and Roy Orbison into Scotts Lawn products and Home Depot ads, back songs, canned "Classic Hits KVNS" ID at 0727. Also noted 3/25 1217 with canned "The stars

you know, Classic Hits 1700, KVNS" at 1619, into oldie Rock. This was the most-distant daytime all-water path log today, at about 948 miles! (TLK-FL)

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.

International DX Digest

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

Trans-Atlantic DX

- 531 **ALGERIA** *Chaîne 1*, F'kirina Wilaya d'Oum El Bouaghi MAR 26 0420 - Parallel 549 with strings, drumming, male Arabic vocal; to fair peak. [Connelly*B-MA]
549 **ALGERIA** *Chaîne 1*, Les Trembles MAR 26 0420 - Strings, drumming, male Arabic vocal; good. [Connelly*B-MA]
621 **CANARY ISLANDS//SPAIN** *RNE1* synchros MAR 28 2331 - Parallel 684 with man and woman in Spanish; over slop. [Connelly*O-MA]
639 **SPAIN** *RNE1* La Coruña et al. MAR 29 0000 - Spanish news; poor to fair. [Connelly*O-MA]
684 **SPAIN** *RNE1* Sevilla MAR 28 2331 - Parallel 621 with man and woman in Spanish; fair. [Connelly*O-MA]
693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. MAR 28 2329 - "BBC Radio Five Live" ID, item about the Prime Minister; to fair peak. [Connelly*O-MA]
738 **SPAIN** *RNE1* Barcelona MAR 29 0000 - Pips, ID "Radio Nacional de España, informativos"; fair. [Connelly*O-MA]
747 **NETHERLANDS** *Radio 5*, Zeewolde MAR 28 2329 - Dutch folk song; to fair peak. [Connelly*O-MA]
756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg MAR 29 0000 - Electronic music, Deutschlandfunk ID, pips, news by woman in German; fair. [Connelly*O-MA]
774 **SPAIN** *RNE1* synchros MAR 29 0000 - Parallel 738 with news about Libya, excerpt from Obama speech; good over others. [Connelly*O-MA]
783 **MAURITANIA** *R.Mauritanie*, Nouakchott, MAR 28 2330 - Arabic talk probably this but not clear enough to rule out Syria. [Connelly*O-MA]
792 **FRANCE** *France Info*, Limoges MAR 28 2330 - Parallel 945 with *France Info* fanfare music, then man in French; to good peak. [Connelly*O-MA]
837 **CANARY ISLANDS//SPAIN** *COPE* synchros MAR 28 2330 - Fast Spanish talk; over France. [Connelly*O-MA]
855 **SPAIN** *RNE1* Murcia et al. MAR 29 0000 - ID "Radio Nacional de España, informativos"; fair. [Connelly*O-MA]
864 **FRANCE** *France Bleu*, Villebon-sur-Yvette MAR 28 2345 - French talk by man, then music; fair, over others. [Connelly*O-MA]
882 **UNITED KINGDOM** *BBC R.Wales*, Washford MAR 28 2345 - Two men in English; poor. [Connelly*O-MA]
909 **UNITED KINGDOM** *BBC Radio 5* synchros MAR 28 2345 - Excerpt of Obama's speech about Libya; to good peak. [Connelly*O-MA]

- 927 **BELGIUM** VRT *R.Een*, Wolvertem MAR 26 0421 – Country music; to fair peak. [Connelly*B-MA]
- 936 **MOROCCO** SNRT Agadir MAR 28 2358 – Arabic music; under blank carrier. [Connelly*O-MA]
- 936 **SPAIN** RNE5 synchros MAR 29 0001 – Spanish newstalk. [Connelly*O-MA]
- 945 **FRANCE** *France Info*, Toulouse MAR 28 2330 – Parallel 792 with *France Info* fanfare music, then man in French; to good peak. [Connelly*O-MA]
- 954 **SPAIN** *Onda Cero*, Madrid MAR 28 2330 – Man in Spanish; poor to fair. [Connelly*O-MA]
- 963 **FINLAND** *Radio 86*, Pori MAR 27 0259 – Good; *R.Kitaya* IDs, CRI internet address, time marker, and news. [Conti-NH]
- 963 **TUNISIA** RTT Tunis MAR 29 0000 – Koranic vocal. [Connelly*O-MA]
- 972 **LIBYA** *Libyan Jamahiriyah*, Sirte MAR 27 0358 – Fair; Koranic recitations. [Conti-NH]
- 1026 **SPAIN** SER synchros MAR 28 2346 – Parallel 1116 with ballad male vocal; fair. [Connelly*O-MA]
- 1062 **DENMARK** *Danmarks Radio*, Kalundborg MAR 26 0501 – News by man in Danish; gaining in strength. [Connelly*B-MA] MAR 27 0335 – Poor; pre sign-on open carrier. Rising to good level 0345 with announcements in Danish. [Conti-NH]
- 1089 **UNITED KINGDOM** *TalkSport* synchros MAR 28 2301 – "TalkSport, on DAB, 1089 and 1053 AM," "Official Barclay's Premier League," news about Libya; good. [Connelly*O-MA]
- 1098 **SPAIN** RNE5 synchros MAR 28 2345 – Parallel 1107 with Spanish political talk by man; good, slight echo. [Connelly*O-MA]
- 1107 **SPAIN** RNE5 synchros MAR 28 2300 – Fast Spanish news by man; through slop. [Connelly*O-MA]
- 1116 **ITALY** *Rai Radiouno* synchros MAR 27 0458 – Poor to fair; music, ads, time marker, and fanfare into news, unequivocally parallel 1575 kHz. [Conti-NH]
- 1116 **SPAIN** SER synchros MAR 28 2300 – News by man in Spanish, slight echo. [Connelly*O-MA]
- 1125 **SPAIN** RNE5 synchros MAR 28 2301 – Parallel 1107 with news by woman in Spanish; poor. [Connelly*O-MA]
- 1134 **SPAIN** COPE synchros MAR 28 2345 – Parallel 1143 with man and woman in Spanish; to good peak. [Connelly*O-MA]
- 1143 **SPAIN** COPE synchros MAR 28 2345 – Parallel 1134 with man and woman in Spanish; poor. [Connelly*O-MA]
- 1152 **SPAIN** RNE5 synchros MAR 28 2301 – Parallel 1107 with news by woman in Spanish; fair. [Connelly*O-MA]
- 1206 **FRANCE** *France Info*, Bordeaux MAR 27 0500 – Good; *France Info* ID and fanfare into news parallel 1557 kHz. [Conti-NH] MAR 28 2330 – Parallel 792 with *France Info* fanfare music, then man in French; good. [Connelly*O-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros MAR 27 0210 – Good; "Another One Bites the Dust" by Queen. [Conti-NH] MAR 29 0001 – "Absolute Radio Rock 'n' Roll Fantasy Football" promo, then "Sweet Child O' Mine" by Guns N' Roses; good. [Connelly*O-MA]
- 1242 **FRANCE** *France Info*, Marseille MAR 27 0359 – Fair; talk in French, fanfare into news, parallel 1377 kHz. [Conti-NH]
- 1278 **FRANCE** *France Bleu*, Sélestat MAR 27 0458 – Fading in/out; light vocal, then theme music into announcement in French. [Conti-NH]
- 1296 **SUDAN** SNBC Reiba MAR 28 2230 – Man in Arabic; to fair peak. [Connelly*O-MA]
- 1305 **SPAIN** RNE5 synchros MAR 28 2230 – Man and woman in Spanish; to good peak. [Connelly*O-MA]
- 1314 **UNITED ARAB EMIRATES** *R.Farda*, Al Dhabbaya MAR 28 2300 – Pips, fanfare, *R.Farda* ID; poor. [Connelly*O-MA]
- 1323 **GERMANY** VOR Wachenbrunn MAR 27 0500 – Poor in 1320 WDER splatter; time marker and fanfare into news. [Conti-NH]
- 1341 **NORTHERN IRELAND** *BBC R.Ulster*, Lisnagarvey MAR 26 0501 – BBC news by woman in English; poor. [Connelly*B-MA] MAR 27 0400 – Fair in 1340 splatter; "On digital and online, this is BBC Radio, Five Live" into news. [Conti-NH]
- 1377 **FRANCE** *France Info*, Lille MAR 27 0400 – Loud and clear after local 1370 WFEA abruptly signed off at 0359 UTC; fanfare into le journal. [Conti-NH] MAR 28 2330 – Parallel 792 with *France Info* fanfare music, then man in French; fair through slop. [Connelly*O-MA]
- 1413 **SPAIN** RNE5 synchros MAR 28 2345 – Parallel 1098 with Spanish talk; poor. [Connelly*O-MA]
- 1422 **ALGERIA** *R.Algérienne*, Algiers MAR 28 2230 – Woman with French teletalk; fair. [Connelly*O-MA]

- 1422 **GERMANY** *Deutschlandfunk*, Heusweiler MAR 27 0458 – Excellent; opera music, man in German, *Deutschlandfunk* ID and time marker on the hour. [Conti-NH]
- 1431 **DJIBOUTI** *R.Sawa*, Arta MAR 28 2345 – Woman in Arabic; poor. [Connelly*O-MA]
- 1467 **FRANCE** *TWR Roumoules* MAR 26 2300 – Poor; one cycle of interval signal, then suddenly popped up loud and clear with antenna pattern change and *Rendezvous* program in English. [Conti-NH]
- 1467 **FRANCE** *R.Maria*, Le Col de la Madonne MAR 27 0500 – Good; church music, woman in French. [Conti-NH]
- 1485 **SPAIN** *SER* synchros MAR 28 2345 – Vocal parallel 1116; poor. [Connelly*O-MA]
- 1521 **SAUDI ARABIA** *BSKSA* Duba MAR 28 2300 – Pips, 5-note fanfare, man in Arabic with news mentioning Libya; huge. [Connelly*O-MA]
- 1530 **VATICAN** *R.Vaticana*, Santa Maria di Galeria MAR 27 0500 – One cycle of interval signal under WCKY. [Conti-NH]
- 1539 **GERMANY** *Evangeliums Rundfunk*, Mainflingen MAR 26 0501 – Man in German; fair. [Connelly*B-MA] MAR 27 0458 – Good; light instrumental music, contact info with *Deutschland* mention, and "ERF Radio" ID. [Conti-NH]
- 1557 **FRANCE** *France Info*, Fontbonne MAR 26 0423 – Woman in French; fair. [Connelly*B-MA] MAR 27 0500 – Excellent; *France Info* ID with Paris mention, fanfare into news. [Conti-NH]
- 1575 **ITALY** *Rai Radiouno* synchros MAR 27 0500 – Good; time marker, announcement, flourish, "Rai, Radiouno" into news by a man and woman. [Conti-NH]

Pan-American DX

- 640 **MEXICO** XEJUA Cd. Juárez, Chih MAR 23 1200 – XE anthem, then full ID by male voice: "Esta es XEJUA transmitiendo en seis cuarenta en amplitud modulada con cinco mil wats de potencia informando desde Avenida Tecnológico 1770 Local D07, Colonia Fuentes del Valle, Ciudad Juárez, Chihuahua. Milenio Radio - periodismo con carácter." National and international news followed. Good on peaks with fading. [Wilkins-CO]
- 670 **CUBA** *R.Rebelde*, unknown site MAR 25 1710 – Surprise! A second Rebelde on 670 (just maybe a third), way underneath the big signal Arroyo Arenas area Rebelde. Audio is just under a second behind the big one. Tune-in to "Noticias Nacional de Radio" news feed hook-up (1700-1730). Checked back after 1730 to confirm it was not a Cuba station other than Rebelde, and indeed Rebelde audio remained out-of-synch with the strong one. Wherever it is, it's definitely central to western Cuba, to be heard here midday. Almost seemed to be yet a third Rebelde virtually in synch with the weak one as well, but not certain. Obviously, a concentrated effort to block WWFE, Miami's Spanish signal. [Krueger*D-FL]
- 790 **CUBA** *R.Reloy*, Pinar del Río MAR 19 1643 – Very good. [Krueger*D-FL]
- 850 **CUBA** *R.Reloy*, Nueva Gerona, Isla de la Juventud MAR 19 1650 – Fair when WRUF nulled. [Krueger*D-FL]
- 910 **CUBA** *R.Metropolitana*, Arroyo Arenas MAR 19 1653 – Absolutely bone-crushing local level with events around the province, nice canned ID at 1700. Rather overdriven audio. WRTVH 2011 lists site as la Lisa. MAR 25 1758 – Spanish disco, female ID. Excellent, but just like six days ago at this same site, still overdriven audio. Local WTWD Plant City is easily nulled at this site. Not so at the home location. [Krueger*D-FL]
- 930 **CUBA** *R.Reloy*, La Jaiba MAR 19 1703 – Under WLSS Sarasota. [Krueger*D-FL]
- 939.86 **MEXICO** XEQ *Bésame* 940, Iztapalapa, México DF MAR 26 1140 – Mexican vocals, bad channel het. [Krueger*C-FL]
- 960 **CUBA** *R.Reloy*, MAR 29 0001 – *R.Reloy* newstalk, ticking, "RR" beeps. [Connelly*O-MA]
- 980 **CUBA** *COCO El Periodic del Aire*, Sapo, Ciudad de la Habana MAR 25 1800 – Surprised to pull this one in, and so well at that what with local 970 WFLA IBOC. Very tight nulling of WFLA with this very good, 1803 female, "Radio Centro de Cuba... la emisora COCO..." [Krueger*D-FL]
- 1000 **CUBA** *R.Artemisa*, Artemisa MAR 19 1703 – Excellent and alone with hip Cuban vocals, "Esta es Radio Artemisa, la estación provincial..." just after tune-in. [Krueger*D-FL]
- 1000 **CUBA** *R.Cadena Habana*, unknown site (western Cuba) MAR 25 1705 – Unlike six days ago at this same site, no *R.Artemisa* audio. Instead, back to *R.Cadena Habana* (parallel 1020), confirming it's the same transmitter. Very good, with female announcer, into Instituto de Meteorología de Cuba telco weather forecast for the day (with bad echo). A short report, the weather there no doubt as perfect as it was here today. [Krueger*D-FL]
- 1000 **MEXICO** XEFV Cd. Juárez, Chih MAR 18 1201 – XE anthem, followed by nice ID: "Con los colores de México, ésta es la estación más mexicana de la frontera - La Rancherita Mil AM... XEFV, las siglas de nuestro México," and into banda music. General fair with an occasional good peak. [Wilkins-CO]

- 1060 **CUBA** *Radio 26, Matanzas* MAR 20 1203 – Cuban vocals, announcer mentioning events in Matanzas, ID. Over WLNO gospel programming. [Krueger*C-FL]
 1140 **CUBA** *R.Rebelde, unknown site* MAR 14 – Mixing with another Cuban. Fair. [Krueger*C-FL]
 1140 **CUBA** *R.Cadena Habana, Pastora, Ciudad de la Habana* MAR 19 1655 – ID, Cuban vocals, into Noticiero Nacional de Radio 30-minute news relay from 1700 UTC. [Krueger*D-FL]
 1500 **MEXICO** *XEDF R.Fórmula, México DF* MAR 26 1106 – Good in passing with long station promo, "Radio Fórmula... República Mexicana... Escucha Grupo Fórmula..." [Krueger*C-FL]
 1610 **ANGUILLA** *Caribbean Beacon, The Valley* MAR 28 2346 – Female preacher in English; excellent. [Connelly*O-MA]
 1620 **CUBA** *R.Rebelde, La Habana and Guantánamo* MAR 28 2345 – Cuban sporting event with mentions of several Cuban cities, second much-weaker synchro had the same talk with a delay of about two seconds; good. [Connelly*O-MA]

Contributors

Mark Connelly WA1ION, Billerica MA; Microtelecom Perseus, west-null SuperLoop, 7 m vertical by 11 m horizontal, base height 4 m.

Mark Connelly, Town Landing, South Orleans MA; 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, Nashua NH; WiNRADiO Excalibur, 7 x 19.5-m variable termination Split SuperLoop at 60°, 15 x 23-m variable termination north/south SuperLoop.

Terry L. Krueger, Clearwater FL; JRC NRD-535; ICOM IC-R75; Hammarlund HQ-180A; Sangean PR-D5; Aqua Guide 705 Radio Direction Finder; Sony ICF-7600GR; GE SuperRadio III; RadioShack DX-399; 1 X roof dipole; 1 X in-room random wire.

Terry L. Krueger, Honeymoon Island State Park, Dunedin FL; ICOM IC-R75 with 150-ft wire on the ground north-northwest, Sangean PR-D5 portable barefoot.

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

With the arrival of spring comes a new DXpedition season. Take a look at the schematic at http://home.comcast.net/~dx_lab/pictures/micro_superloop.htm if you'd like to try car DXpeditioning. This car rooftop antenna design by Mark Connelly is compact and easy to deploy. While on the internet, visit <http://sites.google.com/site/floridadxn/remote-florida-dx-ing-sites> for a summary of Florida DXpedition sites by Terry Krueger. 73 and Good DX!

NRC *Contests*

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 Aurora, CO 80013-3831

Here we are with the March Contest standings... I'm sorry for the way the deadline came up, but we did set the deadline in my mail box for the 5th and the publisher's deadline for this issue is the 1st! Remember that the contest runs through 11:59 PM ELT May 31, 2011 and the contest with the most cumulative points will receive a one year extension of their National Radio Club publication. We're getting closer to the end. I'd like to encourage anyone who is interested in contests to contact me with any ideas you may have on the 2011-2012 season contests. We have run the same formats a few years in a row now and it would be nice to have a new format and even a new Contest Chairman! I'd love to hear from you!

Ultra-Light Cumulative Points Contest

Contester	Location	Loggings	Points
Ron Bailey	Marion, NC	418	879
Russell Curry	Eugene, OR	172	412
J Paul Kavan	Tampa, FL	27	60

Unlimited Cumulative Points Contest

Contester	Location	Loggings	Points
Wayne Heinen*	Aurora, CO	320	790
Richard Lauhead	St Paul, MN	296	631
David Yocis*	Harpers Ferry, WV	253	519
Gary Houdek	Munden, KS	116	217
Steve Sprague	Coffeyville, KS	94	192
Mike Clancy	Jersey City, NJ	83	151
David B Jones	Nashville, TN	35	73
John R Malicky	Pittsburgh, PA	23	35
Dale Park	Honolulu, HI	10	18

Ultra-Light Cumulative Mileage Contest

Contester	Location	Loggings	Total Miles
Ron Bailey	Marion, NC	418	127,784
Russell Curry	Eugene, OR	172	86,174
J Paul Kavan	Tampa, FL	27	11,478

Unlimited Cumulative Mileage Contest

Contester	Location	Loggings	Total Miles
Wayne Heinen*	Aurora, CO	320	177,521
Richard Lauhead	St Paul, MN	296	131,695
David Yocis*	Harpers Ferry, WV	253	78,391
Steve Sprague	Coffeyville, KS	94	28,111
Dale Park	Honolulu, HI	10	25,692
David B Jones	Nashville, TN	35	11,854
John R Malicky	Pittsburgh, PA	23	8,369

* – Ineligible for prizes.

DX Tool Box

Shawn Axelrod amandx@mymts.net

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Winnipeg, MB R2N 2X9 CANADA

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 27. This month I will look at logging a station. I am big on keeping a log book and have done so for over 40 years now. Yes on paper! Who had a computer in 1971? Yes I have them all in binders. The only thing I regret is not logging those big shortwave stations in the 1970's and 1980's like VOA, the BBC, and Radio Moscow. Somehow or another they were so common I just never put them in the logbook. Oh well not to worry I have the rarer DX all in there.

I have used various formats for my logbook including:

- Hand ruled lines down lined note book paper
- Radio Shack Amateur CB SWL Radio station Log Books (That is what it says on the blue cover)
- Radio Shack CB/SWL radio Station Log Book (the red cover that was for Canada printed yes in English and French on every page)
- ARRL Amateur Radio Station Log (Brown covers and beige covers)

Finally a whole bunch of different home made on a computer pages. (I have changed the format many times over the years)

Today I am using an Excel spread sheet formatted logbook that yes I print out as blank pages, to write down my logs. For some of you young readers this involves a pen and paper to write down what you hear and not input it into the computer form. Some forms I use are located at <http://www.angelfire.com/mb/amandx/forms.html>. You can get a copy of the log book form by clicking on the link and saving it to your computer.

Over the years I developed my own idea of what each logging should have in it. Today each logging has the following information:

Frequency or Channel the station was heard on. In the good old days using my Heathkit MR-1 Receiver it was to the closet 10 kHz due to the readout. Now I can be more accurate.

Station name or callsign This can vary from just a callsign to a long name for some shortwave stations.

Location here again the amount of information can vary depending on what resources you have available to you. As for pirate stations this space often has to go blank as you never know where this type of station may be coming from.

Date This is a must for my log book. It is very much needed for sending in loggings to various groups you belong to. You do send in your loggings don't you? We have three column editors who would love to hear from you. Go do it now then finish reading h this article.

Time This can be either your local time or Eastern Time to send in your loggings to NRC Domestic columns (I know you did that before you got back to this article) or UTC for the IDXD column. It is up to you. I mix mine up with domestic radio stations in Eastern Time and all International and or Shortwave loggings in UTC.

Signal Strength Here again the options are all yours.

You can write in words use P F G VG (Poor Fair Good Very Good)

You can use the SINPO codes which are:

S (Signal Strength) Simply the strength of the transmission.

I (Interference) Interference from other stations if there is any.

N (Noise) The amount of atmospheric noise or static.

P (Propagation) Whether the signal is steady or fades in and out

O (Overall merit) An overall score for what you heard.

You rate each category from 1 to 5 with 5 being the best for each category.

Or make up your own words to describe the signals you heard. No rules here it is all up to you.

Mode of Transmission Here I mark down what mode of transmission was used by the station such as AM FM TV SSB etc.

Information Once again this would be a free for all section. Feel free to put in as much or as little as you want to. If you are sending in loggings to any group make sure you have enough information to make the logging useful. By that I mean if somebody wants to go chase this station give them an idea of what they might hear such as music type, slogans, what programming they carried and so on.

New Station This I use for my keeping track of what I have heard notes. I do keep track of how many stations I have heard on BCB Tropical Bands FM TV etc. As I get a new one I write in what number it is just so I know where I stand. This is totally optional if you are not into station country or state/province totals heard.

Now you are going to ask what constitutes a new station. This again is up to you. I have seen all manner of rules for this but I have my own method. I count a station as new if:

- I have never heard it before...this is obvious.
- I will count it as a new station on BCB if the station:
 - Changes in frequency. If a station moves from 1570 to 1290 I will count it as a new one.
 - Changes in callsigns and or station names. Yes I do count callsign changes as to me the station is designated by its callsign. This may go against some people's rules but that is how I do it right or wrong. I will however not count it if they at some point return to an old callsign. I know this is a big point of contention with many DX'ers but I keep telling myself it is a hobby that allows us to be different.
 - I do not count format changes or the fact that when I moved 2 miles to my new home that I should start over.

You pick what makes you happy. There are no hard and fast rules that I have come across so feel free to count them as you see fit. I am not here to open up a can of worms just my way of counting stations being stated.

Now for you younger folks or those who prefer the computer keep a logbook electronically that is OK too. There are logging programs available that you can easily adapt to your way of keeping a logbook. I have kept up the old paper log because I had 25 years of logs on paper before I got a computer. I did not want to have two sets of logbooks. Like I said it is a personal choice and you should do what fits you best.

Bits and Bites from the NRC listserv:

DX tests can be heard as conditions change:

From: Mark Clark <mark.n3irj@gmail.com>Subject: WYTH

Same here but I got a clear ID, sweeps, Morse Code ID, and some voice at 0210 and a few other times, just not quite as clear up to 0230. WDDZ wasn't as much of a pest as it was the previous hour where it completely dominated the channel. I really like the large rotatable ferrite bar antenna on

my Satellit 750. Very directional with good nulling/peaking capability. Seems like a throwback to the old days and that's one of the reasons I got it... I also bought an orienteering compass to help me aim it too. I have to keep them a few feet apart since it will point at the antenna if I hold it too close!
73, Mark N3IRJ Reinholds, PA Grundig Satellit 750 w/Top-Mount Ferrite Bar Antenna

From: Russ Edmunds <wb2bjh@yahoo.com>Subject: WYTH Test

In going through all of my recordings, I discovered a set of sweeps and then voice ID's right at the end of the second scheduled period at 0230. I never expected to pull any voice out of this test! Russ Edmunds 15 mi NNW of Philadelphia Grid FN20id FM: Yamaha T-80 & Onkyo T-450RDS w/APS9B @15'; Grundig G8 AM: Modified Sony ICF 2010's barefoot.

This month's DX Tool Box web site is:

National Anthems Website

<http://www.national-anthems.net/>

This site will come up with a home page with a multi coloured world map on it. Click on the section of the world you want to go to and wait for the new page to appear. A listing of countries in that region will show up in alphabetical order. All you have to do is scroll the list and play the national anthem you feel will be of help. This can be a great tool to help identify those overseas stations some of us are lucky enough to hear. Also included on many of the pages is information about the country and or a map with major centers listed on them. The site is easy to use and has great information my two big requirements for any on line resource.

Next Column Next time around I would like to list your favourite receiver. Send me what you think is the best receiver you ever used and why you chose it. I need the info by April 16 if at all possible. If you are later I may have to carry it over to the next column but it will be used. This should make for some interesting reading.

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

Pro Sports Networks

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Network listings for professional sports play-by-play coverage

Here is Major League Baseball (MLB) flagship information for the 2011 season from my Internet searches. http://mlb.mlb.com/mlb/audio/mlb_team_radio_flagships.jsp has flagship information, but it differs from what I found via Internet searches. Please send me announcer information (and corrections), as some of the web pages either did not list the announcer names or were definitely from last season (and maybe did not change for this season, but I have no way of knowing). The 2011 copyright statement on each mlb.com page is probably placed there automatically, even if the page content has not changed for the 2011 season.

It is now time to begin collecting Minor League Baseball information; please send me what you can find. Thanks.

Arizona Diamondbacks	620	KTAR-AZ (EE)	#Greg Schulte, Tom Candiotti
	1400	KSUN-AZ (SS)	#Miguel Quintana, Oscar Ochoa
Atlanta Braves	680	WCNN-GA (EE)	Jim Powell, Don Sutton
	100.5	WNWX-GA	
	105.7	WWVA-GA (SS)	Pete Monzano, Fernando Placios
Baltimore Orioles	1090	WBAL-MD	#Joe Angel, Fred Manfra
Boston Red Sox	850	WEEI-MA (EE)	#Joe Castiglione, Dave O'Brien, Jon Rish
	1150	WROL-MA (SS)	Uri Berenguer, Juan Oscar Baez
Chicago Cubs	720	WGN-IL	Pat Hughes, Keith Morrison
Chicago White Sox	670	WSCR-IL (EE)	Ed Farmer, Daren Jackson
	1200	WRTO-IL (SS)	Hector Molina, Ozzie Guillen Jr.
Cincinnati Reds	700	WLW-OH	Marty Brennaman, Thom Brennaman, Jeff Brantley

Cleveland Indians	1100	WTAM-OH	Tom Hamilton, Mike Hegan
	100.7	WMMS-OH	
Colorado Rockies	850	KOA-CO	#Jerry Schemmel, Jack Corrigan
Detroit Tigers	1270	WXYZ-MI	Jim Price, Dan Dickerson
	97.1	WXYZ-MI	
Florida Marlins	790	WAXY-FL (EE)	#Dave Van Horne, Glenn Geffner
	710	WAQI-FL (SS)	Rafael "Felo" Ramirez, Luis "Yiky" Quintana
Houston Astros	740	KTRH-TX (EE)	Brett Dolan, Dave Raymond, Milo Hamilton (h)
	1010	KLAT-TX (SS)	Alex Trevino, Francisco Romero
Kansas City Royals	610	KCSP-MO	#Denny Matthews, Bob Davis, Steve Stewart
Los Angeles Angels	830	KLAA-CA (EE)	Terry Smith
	710	KSPN-CA (EE)	
	1330	KWKW-CA (SS)	Jose Mota
Los Angeles Dodgers	790	KABC-CA (EE)	Vin Scully (l), Rick Monday, Charley Steiner
	930	KHJ-CA (SS)	Jaime Jarrin, Fernando Valenzuela
Milwaukee Brewers	620	WTMJ-WI	Bob Uecker, Cory Provus, Kent Sommerfield
	1580	WTTN-WI	Andy Olivares
Minnesota Twins	1500	KSTP-MN (EE)	John Gordon, Dan Gladden
	1400	KMNV-MN (SS)	Alfonso Fernandez, Tony Oliva
	1470	KMNV-MN (SS)	
New York Mets	660	WFAN-NY (EE)	Howie Rose, Wayne Hagin, Ed Coleman
	1280	WADO-NY (SS) g	Juan Alicea, Max Perez Jiminez
	92.7	WQBU-NY (SS) g	
New York Yankees	880	WCBS-NY	John Sterling, Suzyn Waldman
Oakland Athletics	860	KTRA-CA (EE)	#Ken Korach, Vince Cotroneo
	1640	KDIA-CA (SS)	Amaury Pi-Gonzalez, Hernando Doclom
	1190	KDYA-CA (SS)	
Philadelphia Phillies	1210	WPHT-PA (EE)	Scott Franzke, Larry Anderson
	1480	WUBA-PA (SS)	B. Kiliik, Danny Martinez
Pittsburgh Pirates	104.7	WPGB-PA	#Greg Brown, Steve Blass, John Wehner
St. Louis Cardinals	1120	KMOX-MO	John Rooney, Mike Shannon
San Diego Padres	1090	XEPRS-BC (EE)	#Jerry Coleman, Ted Leitner, Andy Masur
	860	XEMO-BC (SS)	Ed Ortega, Juan Angel Avila
San Francisco Giants	680	KNBR-CA (EE)	#Jon Miller, Greg Papa, Dave Flemming
	990	KATD-CA (SS)	Erwin Higueros, Tito Fuentes
	1010	KIQI-CA	
Seattle Mariners	710	KIRO-WA (EE)	Rick Rizzs, Dave Simms
	1360	KKMO-WA (SS)	Alex Rivera, Steve Guasch
Tampa Bay Rays	620	WDAE-FL (EE)	#Andy Freed, Dave Wills
	680	WGES-FL (SS)	#Enrique Oliu
Texas Rangers	103.3	KESN-TX (EE)	Eric Nadel, Dave Barnett
	660	KSKY-TX c	
	1540	KZMP-TX (SS)	Eleno Ornelas, Jerry Romo
Toronto Blue Jays	590	CJCL-ON	Jerry Howarth, Alan Ashby
Washington Nationals	1500	WFED-DC	Charley Slowes, Dave Jagelar
	107.7	WWWT-VA	

- Last year's announcers.

Here are the team radio networks. Most of these were found at mlb.com. A few URLs from last year still have the 2010 network list, so I found another site - www.vfqseek.com - that has network lists. This site does not list its sources, so I cannot vouch for the accuracy of those lists. I checked one freqseek list against an online 2010 list, and there were differences. I have not compared a 2011 mlb.com list with a freqseek.com list. I have copied disclaimers verbatim from web sites, but remember that each network list is subject to change throughout the season, even if the online list does not have that disclaimer.

Arizona Diamondbacks 2011 (EE) #Greg Schulte, Tom Candiotti

<http://arizona.diamondbacks.mlb.com/ari/schedule/affiliates.jsp> (03/27/2011)

Radio and TV affiliates subject to change.

600	KVNA-AZ	920	KNML-NM	990	KSVP-NM	1230	KATO-AZ
620	<u>KTAR-AZ</u>	950	KNFT-NM	1050	KTBL-NM		KRSY-NM
780	KAZM-AZ	980	KNTR-AZ	1130	KQNA-AZ	1250	KHIL-AZ

1340	KIKO-AZ			94.3	KDDL-AZ	103.3	KZKE-AZ
1490	KFFN-AZ	92.1	KZUA-AZ e	97.7	KPSA-NM	104.9	KZKE-AZ

Arizona Diamondbacks 2011 (SS) #Miguel Quintana, Oscar Ochoa

<http://arizona.diamondbacks.mlb.com/ari/schedule/affiliates.jsp> (03/27/2011)

Radio and TV affiliates subject to change.

990	KTKT-AZ	1400	KJOK-AZ	<u>KSUN-AZ</u>	1540	XEHOS-SO
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Atlanta Braves 2011 (EE) Jim Powell, Don Sutton

Atlanta Braves 2011 (SS) Pete Monzano, Fernando Placios

The 2010 list is still online at the following URL.

<http://atlanta.braves.mlb.com/atl/schedule/affiliates.jsp>

The following URL is unsourced.

<http://www.freqseek.com/mlb/nl/atlanta-braves-radio-network.aspx> (03/29/2011)

580	WGAC-GA		WBLJ-GA		WRCG-GA	94.9	WMSR-TN
590	WCAB-NC		WNGM-GA	1450	WCON-GA	95.1	WCDZ-TN
620	WJDX-MS	1240	WGGA-GA		WKEU-GA	95.5	WJDB-AL
630	WJDB-AL		WLAG-GA		WMVG-GA	95.9	WTWX-AL
	WNEG-GA		WPAX-GA		WQNT-SC		WSJZ-FL
640	WXSM-TN	1250	WHNY-MS		WGNS-TN	97.7	WQUL-IL
680	<u>WCNN-GA</u>	1260	WFTW-FL	1460	WBCU-SC	98.7	WISK-GA
	WRGC-NC	1270	WLIK-TN	1470	WCLA-GA	99.3	WCON-GA
730	WUMP-AL	1290	WVOW-WV z	1490	WKUN-GA	99.9	WSNT-GA
	WLIL-TN	1300	WMTM-GA		WSNT-GA	100.5	WNNX-GA
740	WMSP-AL	1310	WHEP-AL		WAZZ-NC	101.1	WLJA-GA
790	WSFN-GA		WISE-NC		WSTP-NC		WTGA-GA
	WBLO-NC	1320	WGOC-TN		WJMM-TN	101.7	WYUM-GA
800	WJAT-GA		WMSR-TN	1570	WCLE-TN	101.9	WVOW-WV z
860	WDMG-GA	1330	WLBB-GA	1580	WPGY-GA	102.3	WKZR-GA
870	WGHC-NC	1340	WTIF-GA	1590	WTGA-GA	102.7	WPUB-SC
950	WNZZ-AL	1350	WFNS-GA		WCAM-SC	103.9	WDDK-GA
	WHSY-MS	1360	WELR-AL	1600	WFIS-SC	104.1	WCLE-TN
970	WVOP-GA	1370	WLOP-GA			104.5	WYYU-GA
	WYSE-NC		WDEF-TN	92.1	WKUL-AL	104.7	WAAZ-FL
1050	WWIC-AL	1390	WADA-NC		WBTR-GA	105.3	WSGC-GA
	WJSB-FL	1400	WCOS-SC		WPEH-GA	105.5	WIFO-GA
	WFSC-NC		WSPG-SC	93.5	WVOH-GA	106.3	WKNU-AL
1130	WACQ-AL		WJZM-TN	93.7	WALI-SC		WGMK-GA
1150	WSNW-SC	1410	WPCC-SC	93.9	WYTK-AL		WPFT-TN
1230	WAUD-AL	1420	WPEH-GA		WMTM-GA	107.5	WTIF-GA

Baltimore Orioles 2011 #Joe Angel, Fred Manfra

<http://baltimore.orioles.mlb.com/bal/schedule/affiliates.jsp> (02/26/2011)

560	WFRB-MD	990	WLEE-VA	1340	WHAP-VA	1590	WMHZ-MD
570	WSPZ-DC	1000	WIOO-PA		WEPM-WV	1690	WPTX-MD
730	WXTR-VA	1050	WBRG-VA	1430	WNAV-MD		
790	WSVG-VA		WAMN-WV		WKEX-VA	92.5	WICO-MD
840	WKTR-VA	1090	<u>WBAL-MD</u>	1450	WTBO-MD	92.7	WWXT-MD
900	WCBX-VA	1160	WODY-VA		WTHU-MD	93.9	WEEO-PA
	WKDW-VA	1240	WCEM-MD	1470	WTTR-MD	94.1	WVSP-VA
910	WSBA-PA	1250	WGHB-NC	1480	WEEO-PA	94.3	WWXX-VA
930	WDLX-NC	1280	WHVR-PA	1490	WARK-MD	97.9	WIOO-PA
970	WKCI-VA	1300	WKCY-VA	1530	WCTR-MD	104.5	WBRG-VA
980	WTEM-DC	1320	WICO-MD	1550	WMRE-WV		

Boston Red Sox 2011 (EE) #Joe Castiglione, Dave O'Brien, Jon Rish

Boston Red Sox 2011 (SS) Uri Berenguer, Juan Oscar Baez

<http://www.weei.com/weei/shows-schedules/red-sox-radio-network> (03/27/2011)

The list online is the same as last years' list, so it might be 2010.

550	WDEV-VT	830	WCRN-MA	930	WIZR-NY	1080	WTIC-CT
620	WZON-ME	850	<u>WEEL-MA</u>	960	WSVU-FL	1200	WTLA-NY
770	WWCN-FL q	900	WGHN-NH	1010	WCNL-NH	1220	WQUN-CT

1230	WNAW-MA		WBTN-VT	1490	WGCH-CT	96.3	WJJB-ME
	WMOU-NH	1380	WSYB-VT		WMRC-MA	96.7	WCME-ME
	WJOY-VT	1390	WEGP-ME		WEMJ-NH		WQSO-NH
1240	WHMQ-MA	1400	WILI-CT		WFAD-VT	97.5	WIGY-ME
	WSYY-ME		WHMP-MA		WIKE-VT	97.7	WTLA-NY
	WFTN-NH		WLTN-NH		WKVT-VT	99.3	WKTJ-ME
1250	WGAM-NH		WTSL-NH			99.7	WNTK-NH
1280	WPKZ-MA	1420	WBEC-MA	92.7	WOXO-ME	100.1	WHOU-ME
	WFAU-ME		WBSM-MA		WQDY-ME		WSGO-NY
1290	WKBK-NH		WASR-NH	93.3	KJAX-WY	100.7	WTBM-ME
1300	WPNH-NH		WRSA-VT	93.9	WLVB-VT	103.1	WDME-ME
1310	WLOB-ME	1440	WVEI-MA		WMXR-VT	103.7	WKNE-NH
1320	WTSJ-VT		WRED-ME	95.1	WXTK-MA		WEEI-RI
1340	KVRH-CO		WSGO-NY	95.3	WALZ-ME	104.9	WBOQ-MA
	WSTJ-VT	1450	WRKD-ME	95.5	WGEI-ME	105.5	WVEI-MA
1350	WINY-CT	1480	WSAR-MA	95.9	WPEI-ME	107.7	WTPL-NH
1370	WDEA-ME		WCFR-NH	96.1	WDEV-VT		

Chicago Cubs 2011 Pat Hughes, Keith Morrison

<http://www.tribuneradio.com/cubsaffiliates.htm> (03/13/2011)

660	WBHR-MN	1330	WRAM-IL	1480	KLEE-IA		
720	<u>WGN-IL</u>	1340	KSEK-KS	1490	WDBQ-IA	92.5	WKXQ-IL
800	KXIC-IA	1350	KRNT-IA	1520	KRHW-MO o	94.3	WSSQ-IL
910	WAKO-IL	1380	KCIM-IA	1540	WBNL-IN	95.7	WRQT-WI
920	WMOK-IL	1400	KADR-IA	1550	KIWA-IA	98.9	WJEZ-II
1050	WDZ -IL		WDWS-IL	1570	KMCD-IA		WISH-IL
1150	KCPS-IA j		WBAT-IN		KVTK-SD		KRHW-MO
1170	KJOC-IA	1410	KGSO-KS	1580	WDQN-IL	101.1	WMYQ-IN
1180	KOIL-NE	1440	WGEM-IL j	1590	KWBG-IA	103.1	WAKO-IL
1290	WIRL-IL	1450	WFMB-IL	1650	KCNZ-IA	104.9	WAXI-IN
	KOZN-NE		WASK-IN	1660	WQLR-MI	105.3	KNOD-IA
1300	WBZQ-IN		WMVA-VA		KQWB-ND		

Chicago White Sox 2011 (EE) Ed Farmer, Daren Jackson

Chicago White Sox 2011 (SS) Hector Molina, Ozzie Guillen Jr,

http://chicago.whitesox.mlb.com/NASApp/mlb/cws/schedule/radio_affiliates.jsp (03/27/2011)

The list online is the sanme as last years' list, so it might be 2010.

670	<u>WSCR-IL</u>	1240	WSDR-IL	1490	WZOE-IL	92.7	WKIF-IL
880	WINU-IL	1250	WSPL-IL	1510	KMRF-MO	93.9	WCEZ-IL
1060	WRHL-IL	1360	WLBK-IL	1580	WBCP-IL	95.9	WKUZ-IN
1150	KCPS-IA j	1430	WCMY-IL	1590	WAIK-IL	97.7	WLQI-IN
1200	<u>WRTO-IL</u> S	1440	WGEM-IL j	1600	KGYM-IA	101.3	WVIL-IL
1230	WHCO-IL k		WROK-IL			107.7	WMRS-IN

Cincinnati Reds 2011 Marty Brennaman, Thom Brennaman, Jeff Brantley

http://cincinnati.reds.mlb.com/cin/schedule/redsradio_affiliates.jsp (03/27/2011)

580	WCHS-WV	1240	WFTM-KY	1400	WCYN-KY		WBEX-OH
600	WKYH-KY		WPKE-KY		WFTG-KY		WMOA-OH
680	WHBE-KY		WSFC-KY		WBTH-WV	1510	WLGK-OH
700	<u>WLW-OH</u>		WHIZ-OH	1410	WING-OH	1550	WCVL-IN
800	WVHU-WV	1250	WCHO-OH	1420	WTCR-WV	1580	WAMW-IN
870	WPWT-TN	1260	WNXT-OH	1430	WXAM-KY	1600	WZZW-WV
900	WLSI-KY	1270	WXGO-IN		WFOB-OH A		
920	WTCW-KY		WAIN-KY	1440	WPGW-IN	93.5	WAIN-KY
950	WXLW-IN		WILE-OH	1450	WLKS-KY	94.3	WKKI-OH
970	WATH-OH	1290	WVOW-WV z		WWKU-KY	95.3	WNDI-IN
990	WTIG-OH	1330	WMOR-KY		WWXL-KY	95.9	WAMW-IN
1150	WLOC-KY	1340	WXFN-IN		WHNK-WV		WFDM-IN
	WIMA-OH	1360	WMOV-WV	1460	WJCP-IN		WGCL-IN
1230	WCDS-KY	1370	WGCL-IN		WEKB-KY	96.7	WBVI-OH
	WIRO-OH		WGOH-KY	1490	WKBV-IN	97.1	WMPO-OH
	WYTS-OH	1390	WMPO-OH		WKYW-KY	99.1	WHSX-KY

100.1	WMDJ-KY	101.5	WVLK-KY	103.9	WRBI-IN	107.3	WTHX-KY
100.5	WSJD-IN p	101.9	WVOW-WV z	105.5	WMVR-OH		
100.7	WPWT-TN	102.3	WUGO-KY	106.5	WMOV-WV		
100.9	WPGW-IN	102.9	WLKS-KY	107.1	WLRX-OH		

Cleveland Indians 2011 Tom Hamilton, Mike Hegan

The 2010 list is still online. On the web page with the schedule, the "Radio Affiliates" hyperlink links back to the schedule page. http://cleveland.indians.mlb.com/cle/schedule/radio_affiliates.jsp

The following URL is unsourced.

<http://www.freqseek.com/mlb/al/cleveland-indians-radio-network.aspx> (03/29/2011)

570	WKBN-OH	1330	WFIN-OH	1460	WBNS-OH	93.5	WBNV-OH
930	WEOL-OH	1370	WSPD-OH	1480	WHBC-OH	95.3	WLKR-OH
970	WFUN-OH	1390	WBLL-OH	1490	WMRN-OH	100.9	WBNO-OH
1100	<u>WTAM-OH</u>	1400	WMAN-OH	1540	WBTC-OH		WJAW-OH
1260	WRIE-PA	1430	WCLT-OH	1590	WAKR-OH	104.5	WQKT-OH
1270	WUCO-OH		WFOB-OH A			107.1	WDOH-OH
1300	WMVO-OH	1450	WJER-OH	92.1	WWSR-OH		
1320	WLOH-OH		WLEC-OH	92.7	WQEL-OH		

Colorado Rockies 2011 #Jerry Schemmel, Jack Corrigan

The list online is the same as last years' list, so it might be 2010.

http://colorado.rockies.mlb.com/NASApp/mlb/col/schedule/col_schedule_tv_radio_affiliates.jsp (03/27/2011)

590	KCSJ-CO		KRAL-WY	1410	KWYO-WY	92.7	KIQZ-WY
610	KCSR-NE	1260	KPOW-WY	1450	KBFS-SD r	93.7	KSBU-CO
730	KLOE-KS	1290	KOWB-WY		KBBS-WY	96.5	KDZN-MT
850	<u>KOA -CO</u>	1300	KCSF-CO		KVOW-WY	100.1	KMMR-MT
930	KIUP-CO	1340	KTMM-CO	1470	KKTY-WY	101.7	KDNO-WY
960	KNEB-NE		KWOR-WY	1490	KBSR-MT	102.3	KSPK-CO
1010	KSIR-CO		KYCN-WY		KGOS-WY	103.1	KYDT-WY r
1230	KHDN-MT	1400	KBCK-MT		KUGR-WY	106.1	KNFO-CO
1240	KASL-WY		KCOW-NE			107.3	KOAX-WY

Detroit Tigers 2011 Jim Price, Dan Dickerson

<http://detroit.tigers.mlb.com/NASApp/mlb/det/schedule/radioaffiliates.jsp> (02/26/2011)

590	WKZO-MI		WIAN-MI	1380	WPHM-MI	97.1	<u>WXYZ-MI</u>
730	WVFN-MI	1270	WMKT-MI	1400	WCCY-MI	97.3	WDEE-MI
790	WSGW-MI		<u>WXYZ-MI</u>		WSJM-MI	97.5	WEFG-MI
930	WBCK-MI	1310	WCCW-MI	1450	WHTC-MI	97.7	WMLQ-MI
940	WIDG-MI	1320	WDMJ-MI		WIBM-MI		WTGV-MI
1050	WTKA-MI	1330	WTRX-MI		WNBY-MI	100.3	WLKI-IN
1230	WMSH-MI	1340	WCSR-MI	1470	WLQR-OH	104.9	WRCC-MI
	WSOO-MI		WMBN-MI			107.3	WBBL-MI
1240	WATT-MI	1360	WKYO-MI	96.1	WMTR-OH		

Florida Marlins 2011 (EE) #Dave Van Horne, Glenn Geffner

Florida Marlins 2011 (SS) Rafael "Felo" Ramirez, Luis "Yiky" Quintana

<http://florida.marlins.mlb.com/fla/schedule/fmrn.jsp> (03/06/2011)

760	WEFL-FL	790	<u>WAXY-FL</u>	1300	WFFG-FL	1450	WSTU-FL
770	WWCN-FL q	900	WSWN-FL	1380	WELE-FL m	1600	WKWF-FL

Houston Astros 2011 (EE) Brett Dolan, Dave Raymond, Milo Hamilton (h)

Houston Astros 2011 (SS) Alex Trevino, Francisco Romero

http://houston.astros.mlb.com/hou/schedule/radio_affiliates.jsp (03/06/2011)

DATE AS OF 11/11/10 SUBJECT TO CHANGE

740	<u>KTRH-TX</u>	1230	KSIX-TX	1300	KSYB-LA 1	1450	KMHT-TX
910	KNAF-TX	1240	KASO-LA		KVET-TX	1470	KWRD-TX
1010	KBBW-TX		KSOX-TX	1310	KEZM-LA	1490	KBST-TX 1
	<u>KLAT-TX S</u>		KVLF-TX	1340	KNAL-TX	1560	WSLA-LA
1150	KZNE-TX	1260	KSML-TX	1400	KTEM-TX	1590	KGAS-TX
1220	KMVL-TX	1280	KWHI-TX	1420	KJDL-TX	1600	KOGT-TX
	KSOX-TX	1290	KIVY-TX	1440	KETX-TX		

92.5 KRPT-TX 98.3 KULM-TX 103.9 KMHT-TX 1

Kansas City Royals 2011 #Denny Matthews, Bob Davis, Steve Stewart

The 2010 list is still online at the following URL.

http://kansascity.royals.mlb.com/NASApp/mlb/kc/schedule/radio_affiliates.jsp

The following URL is unsourced and differs from the 2010 list above.

<http://www.freqseek.com/mlb/al/kansas%20city-royals-radio-network.aspx> (03/29/2011)

580	WIBW-KS		KMMM-KS		KXPN-NE	93.5	KWME-KS
610	<u>KCSP-MO</u>	1300	KMMO-MO	1470	KSMM-KS	95.3	KIFG-IA
680	KFEQ-MO		KBRL-NE	1480	KTHS-AR t		KDKD-MO
690	KGGF-KS	1310	KYUL-KS		KLMS-NE	95.7	KQWC-IA
860	KKOW-KS		KGMT-NE	1510	KNNS-KS	95.9	KRSL-KS
900	KHOZ-AR	1320	KLWN-KS	1530	KQNK-KS	96.7	KBBE-KS
960	KMA -IA	1350	KMAN-KS		KMAM-MO		KSOB-KS
980	KMBZ-MO	1370	KGNO-KS	1540	KLKC-KS	97.7	KMTY-NE
990	KRSL-KS		KIOL-KS		KNGL-KS	99.1	KYOO-MO
	KRMO-MO	1390	KNCK-KS	1550	KKLE-KS	100.1	KKWK-MO
1130	KILJ-IA	1400	KAYS-KS		KICS-NE	100.9	KHOM-AR
	KLEY-KS		KVOE-KS	1560	KABI-KS	101.3	KARV-AR
1150	KSAL-KS		KGMY-MO	1570	KQWC-IA	102.9	KMMO-MO
1190	KVSV-KS	1420	KJCK-KS	1580	KHGG-AR	103.1	KHGG-AR
1200	KYOO-MO		KULY-KS		KESM-MO		KNCY-NE
1220	KOMC-MO		KRLL-MO	1590	KBJT-AR		KYDT-WY r
1230	KFPW-AR	1430	KKOZ-MO	1600	KMDO-KS	105.3	KYMO-MO
1240	KFH -KS	1450	KWBW-KS		KNCY-NE	105.5	KESM-MO
	KIUL-KS		KOKO-MO	1640	KFXV-OK	106.7	KQNK-KS
	KLIK-MO		KBFS-SD r			106.9	KIHK-IA
1280	KDKD-MO		KYNT-SD	92.1	KKOZ-MO	107.1	KTHS-AR
1290	KUOA-AR	1460	KKOY-KS	92.7	KASR-AR v	y92.1	KMOE-MO

Los Angeles Angels 2011 (EE) Terry Smith

Los Angeles Angels 2011 (SS) Jose Mota

http://losangeles.angels.mlb.com/ana/schedule/radio_affiliates.jsp (02/26/2011)

710	KSPN-CA		KELY-NV	1400	KKZZ-CA		
830	<u>KLAA-CA</u>	1240	KLOA-CA	1450	KGAM-CA	98.9	XMOR-CA
1230	KGEO-CA	1330	<u>KWKW-CA</u> S	1520	KVTA-CA s	103.1	KVFG-CA

Los Angeles Dodgers 2011 (EE) Vin Scully (l), Rick Monday, Charley Steiner

http://losangeles.dodgers.mlb.com/NASApp/mlb/la/schedule/radio_network.jsp (02/26/2011)

560	WNSR-IN s	1220	KHTS-CA		KYNS-CA	1520	KRHW-MO o
600	KROD-TX s	1230	KBOV-CA		WSTA-VI s	1560	KNZR-CA
610	KAVL-CA		KYVA-NM s	1400	KEZL-CA	1570	KPRO-CA
790	<u>KABC-CA</u>	1300	KROP-CA	1440	WVMC-IL s		
920	KPSI-CA	1340	KCBL-CA	1450	KVEN-CA	100.5	WSJD-IN ps
940	KICE-OR s		KWDJ-CA	1490	KMET-CA	101.7	KQTM-NM

Los Angeles Dodgers 2011 (SS) Jaime Jarrin, Fernando Valenzuela

http://losangeles.dodgers.mlb.com/NASApp/mlb/la/schedule/radio_network.jsp (02/26/2011)

620	XESS-CA	930	<u>KHJ -CA</u>	1270	KFUT-CA		
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Milwaukee Brewers Treasure Island Baseball Network 2011 (EE) Bob Uecker, Cory Provus, Kent Sommerfield

http://milwaukee.brewers.mlb.com/NASApp/mlb/mil/schedule/radio_network.jsp (02/26/2011)

550	WSAU-WI	1240	WJMC-WI	1430	WBEV-WI	93.7	WCYE-WI
570	WMAM-WI		WOMT-WI	1450	KFIZ-WI	93.9	WDOR-WI
580	WKTY-WI	1260	WXCE-WI		WRCO-WI	94.3	WQPC-WI
620	<u>WTMJ-WI</u>	1280	WGLR-WI	1490	WIGM-WI	97.5	WTAQ-WI
940	WFAW-WI	1310	WIBA-WI	1550	WEVR-WI	98.3	WCQM-WI
960	WTCH-WI	1330	WHBL-WI	1590	WPVL-WI	99.7	WWIS-WI
1100	WISS-WI	1360	WTAQ-WI			99.9	WSAU-WI
1150	WHBY-WI	1400	WATW-WI	92.3	WRLS-WI	100.7	WOBE-MI
1230	WCLO-WI		WRDB-WI	92.7	WDUX-WI	106.1	WACD-WI

106.3 WEVR-WI 106.7 WATQ-WI

Milwaukee Brewers 2011 (SS) Andy Olivares

The mlb.com flagship page does not list this station.

1580 WTTN-WI

Minnesota Twins 2011 (EE) John Gordon, Dan Gladden

Minnesota Twins 2011 (SS) Alfonso Fernandez, Tony Oliva

http://minnesota.twins.mlb.com/NASApp/mlb/min/schedule/radio_affiliates.jsp (02/26/2011)

570	WNAX-SD		KWNO-MN		<u>KMNV-MN</u> S	93.9	KKRC-MN
610	KDAL-MN	1240	KICD-IA		KQDJ-ND	94.3	KDOM-MN
620	KMNS-IA		WJON-MN	1410	KRWB-MN		KKIN-MN
710	KXMR-ND		WMFG-MN	1420	KTOE-MN		KULO-MN
730	KWOA-MN		KDLR-ND	1430	KNSP-MN	94.5	WELY-MN
790	KFGO-ND	1260	KDUZ-MN	1450	KATE-MN	94.9	KLCH-MN
860	KNUJ-MN		KROX-MN		KBUN-MN	95.5	KRKI-SD
870	KPRM-MN	1290	KBMO-MN		KBMW-ND	96.7	KKCQ-MN
910	KCJB-ND	1300	KGLO-IA	1470	<u>KMNV-MN</u> S	97.3	KRVY-MN
920	KDHL-MN	1310	KGLB-MN	1480	KAUS-MN	100.9	WCMP-MN
	KWAD-MN		KNOX-ND	1490	KNDC-ND	103.1	KFIL-MN
930	KSDN-SD	1320	KOZY-MN		KOVC-ND	104.1	KSDM-MN
950	KWAT-SD	1340	KDLM-MN	1500	<u>KSTP-MN</u>	104.9	WLMX-WI
1020	KJJK-MN		KROC-MN	1570	KAKK-MN	105.5	KMGM-MN
1060	KGFX-SD	1350	KCHK-MN	1580	KDOM-MN	105.9	KWNG-MN
1080	KYMN-MN		KDIO-MN	1590	KDJS-MN	106.9	KARP-MN
1140	KSOO-SD	1360	KRWC-MN		WIXK-WI		WMOZ-MN
1210	KOKK-SD	1380	KLIZ-MN	1600	KDAK-ND	107.1	KMGK-MN
1220	KDDR-ND	1390	KRFO-MN	1700	KBGG-IA	107.3	KNUJ-MN
1230	KMRS-MN	1400	KEYL-MN				
	KTRF-MN		KMHL-MN	92.1	WYRQ-MN		

New York Mets 2011 (EE) Howie Rose, Wayne Hagin, Ed Coleman

New York Mets 2011 (SS) Juan Alicea, Max Perez Jiminez

http://newyork.mets.mlb.com/nym/schedule/broadcast_info.jsp (03/06/2011)

I did not see any evidence of any network.

<http://www.freqseek.com/mlb/nl/new%20york-mets-radio-network.aspx> (03/29/2011)660 WFAN-MY 1280 WADO-NY Sg 92.7 WQBU-NY Sg

New York Yankees 2011 (EE) John Sterling, Suzyn Waldman

Last year's list was at <http://www.wcbs880.com>, but I could find no list there.

The following URL is unsourced.

<http://www.freqseek.com/mlb/al/new%20york-yankees-radio-network.aspx> (03/29/2011)

570	WSYR-NY	1080	KUDO-AK	1340	WBRK-MA	1490	WCSS-NY
600	WICC-CT	1100	KWWN-NV		WENT-NY		WDLC-NY
620	WHEN-NY	1160	WSKW-ME		WIRY-NY	1550	WTTC-PA
	WVMT-VT		WPIE-NY		WWPA-PA		
630	WMFD-NC	1180	WHAM-NY	1350	WRNY-NY	92.7	KASR-AR v
640	WMEN-FL	1230	WIXT-NY	1380	WABH-NY	94.3	WKXP-NY
770	WWCN-FL q		WEEX-PA	1410	WPOP-CT	94.5	WDVT-VT
790	WPRV-RI	1240	WWCO-CT		WELM-NY	96.7	WTSX-PA
800	WLAD-CT		WJTN-NY		WNER-NY	97.3	WZAD-NY
840	WVPO-PA	1270	WTSN-NH	1420	WACK-NY	97.7	KOTM-IA y
880	<u>WCBS-NY</u>	1280	WHTK-NY	1430	WENE-NY	103.5	WUUF-NY
920	KBAD-NV	1300	WAVZ-CT	1450	WTSA-VT	104.5	WTMM-NY
1010	WQYK-FL	1310	WTLB-NY	1460	KENO-NV	106.1	WPDA-NY

Oakland Athletics 2011 (EE) #Ken Korach, Vince Cotroneo

Oakland Athletics 2011 (SS) Amaury Pi-Gonzalez Hernando Doclom

<http://oakland.athletics.mlb.com/oak/schedule/affiliates.jsp> (02/26/2011)

860	<u>XTRA-BC</u>	1240	KPOD-CA	1440	KWNA-NV	1670	KNRO-CA
950	KAHI-HI	1270	KXBX-CA	1490	KBLD-CA nw		
970	KESP-CA	1340	KATA-CA		KRKC-CA	102.3	KCWH-CA

105.5 KTNZ-CA nw

Philadelphia Phillies2011 (EE) Scott Franzke, Larry Anderson

http://phillies.mlb.com/phi/schedule/radio_network.jsp (02/16/2011)

630	WEJL-PA	1230	WCMC-NJ	1320	WGET-PA		WNPV-PA
830	WEEU-PA		WBPZ-PA	1340	WMID-NJ	1470	WSAN-PA
930	WHLM-PA	1240	WBAX-PA	1360	WPPA-PA	1490	WBCB-PA
1150	WDEL-DE		WYGL-PA	1400	WRAK-PA		
1210	<u>WPHT-PA</u>	1270	WLBR-PA	1440	WGLD-PA	93.1	WEZW-NJ

Philadelphia Phillies2011 (SS) B. Kiliik, Danny Martinez

http://phillies.mlb.com/phi/schedule/radio_network.jsp (02/16/2011)

1450	WENJ-PA	1480	<u>WUBA-PA</u>
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Pittsburgh Pirates 2011 #Greg Brown, Steve Blass, John Wehner

http://pittsburgh.pirates.mlb.com/NASApp/mlb/pit/schedule/radio_network.jsp (02/26/2011)

590	WMBS-PA		WTIV-PA		WBBD-WV		WMGW-PA
600	WFRM-PA	1270	WCBC-MD	1420	WCED-PA		WTCS-WV
630	WJAW-OH	1280	WJST-PA	1430	WEIR-WV	1570	WANR-OH
680	WISR-PA	1290	WFBG-PA	1440	WAJR-WV		
	WKAZ-WV	1310	WNAE-PA	1450	WFRA-PA	96.7	WLLF-PA
850	WNTJ-PA	1330	WETZ-WV		WJPA-PA	97.5	WDDH-PA
990	WNTW-PA	1340	WTRN-PA		WQWK-PA	103.3	WAJR-WV
1050	WMSG-MD	1370	WWCB-PA	1460	WMBA-PA	104.7	<u>WPGB-PA</u>
1160	WCCS-PA	1400	WJET-PA	1480	WCNS-PA		
1230	WBVP-PA		WWGE-PA	1490	WESB-PA		

Saint Louis Cardinals2011 John Rooney, Mike Shannon

http://stlouis.cardinals.mlb.com/stl/schedule/tv_radio_affiliates.jsp (02/26/2011)

590	KZHS-AR		KXEO-MO	92.9	WSEI-IL	99.9	KIRK-MO
680	WMFS-TN	1390	KCRC-OK		WMFS-TN	100.3	KURM-AR
690	KEWI-AR	1400	KCLA-AR	93.1	KBDZ-MO	100.5	KMEM-MO
730	WFMW-KY		WGIL-IL	93.3	WQTY-IN		KTGR-MO
740	WVLN-IL		KFRU-MO	93.5	WSJK-IL	101.3	WMSK-KY
800	KAGH-AR		KREF-OK	94.1	WMIX-IL		KTXR-MO
	KVOM-AR		KWON-OK	94.3	KATI-MO	102.1	KJFM-MO
860	WSON-KY	1420	WINI-IL	94.9	WYNG-IL		KTUI-MO
1050	KSIS-MO	1430	WYMC-KY	95.1	KMAQ-IA	102.3	WEBQ-IL
1070	KHMO-MO	1450	WKEI-IL	95.3	KOKX-IA		WRMJ-IL
1090	WCRA-IL		KGFF-MO		WJEK-IL	103.1	KFFA-AR
1120	<u>KMOX-MO</u>		KIRX-MO	95.5	KAAN-MO	103.5	WXLT-IL
1220	KJAN-IA		KWPM-MO	95.7	WSEY-IL	103.7	KJEL-MO
	WLPO-IL		WTRO-TN	95.9	KCOB-IA	103.9	KCJF-AR
1230	WHCO-IL k	1460	KXNO-IA		WGKY-KY	104.1	KPOC-AR
	WJBC-IL		WROY-IL		KKBL-MO	104.3	KDBB-MO
	KZYM-MO	1470	WMBD-IL	97.3	WTIM-IL	104.7	KRES-MO
	WBBZ-OK	1490	KDRS-AR		KYRX-MO		WRQR-TN
1240	KTLO-AR		WDAN-IL	97.5	KNMO-MO	104.9	KAGH-AR
	WTAX-IL		WTUP-MS		KOEA-MO		WYVY-TN
	KNEM-MO	1520	WLUV-IL	97.7	KOTM-IA y	105.1	WGEM-IL
1250	KBTC-MO	1540	WSMI-IL	97.9	KBXB-MO	105.5	KYEL-AR
1280	KCOB-IA	1550	KESJ-MO		KFBD-MO		WREZ-KY
1310	WDXI-TN	1560	WBYS-IL	98.5	WQKZ-IN	105.9	WOKZ-IL
1330	KUKU-MO	1570	WTAY-IL		KWKJ-MO	106.5	KTMO-MO
1340	KBTA-AR		WTRB-TN	98.9	WHQQ-IL	106.7	WYFX-IN
	WJPF-IL			99.1	KMA -IA	107.1	WEAI-IL
	WSOY-IL	92.3	KSAR-AR		WCBL-KY		
	WNBS-KY	92.5	KPPL-MO	99.3	WZLT-TN		
	KSMO-MO	92.7	KASR-AR v	99.7	KTTR-MO		

San Diego Padres 2011 (EE) #Jerry Coleman, Ted Leitner, Andy Masur

San Diego Padres 2011 (SS) Ed Ortega, Juan Angel Avila

Is there a radio network? These three stations come from a handful of Google searches.

<http://www.freqseek.com/mlb/nl/san%20diego-padres-radio-network.aspx> (03/29/3011)

has "Coming soon...".

860 XEMO-BC S 1090 XEPRS-BC 1700 XEPE-BC

San Francisco Giants 2011 (EE) #Jon Miller, Greg Papa, Dave Flemming

San Francisco Giants 2011 (SS) Erwin Higueros, Tito Fuentes

<http://sanfrancisco.giants.mlb.com/NASApp/mlb/sf/schedule/radioaffiliates.jsp> (02/26/2011)

Affiliate stations are subject to change.

670	<u>KPUA-HI</u>	1230	KJFK-NV	1430	KFIG-CA	101.5	KEKA-CA
680	<u>KNBR-CA</u>	1360	KUIK-OR			102.3	KNTK-CA
790	KFPT-CA	1400	KKJL-CA	92.7	KMFB-CA		
1010	<u>KIQI-CA</u> S	1420	KKEA-HI	94.1	KBKY-CA		

Seattle Mariners 2011 (EE) Rick Rizzs, Dave Simms

Seattle Mariners 2011 (SS) Alex Rivera, Steve Guasch

http://seattle.mariners.mlb.com/NASApp/mlb/sea/schedule/broadcast_affiliates.jsp (02/26/2011)

550	KTZN-AK	1030	KMAS-WA	KTIX-OR	1390	KJOX-WA	
710	<u>KIRO-WA</u>	1040	CKST-BC i	KGy -WA	1410	CFTE-BC	
800	KINY-AK u	1080	KVNI-ID	KXLE-WA	1430	KBRC-WA	
900	KKRT-WA	1150	KQQQ-WA	1300	KLER-ID	1450	KONP-WA
910	KTRO-OR a	1170	KPUG-WA	1320	KGDC-WA	1470	KELA-WA
920	KXLY-WA	1230	KOZI-WA		KXRO-WA	1490	KLOG-WA
960	KALE-WA	1240	KSAM-MT	1350	KRLC-ID		
1020	KWIQ-WA		KTHH-OR	1380	KSRV-OR	92.1	KCRK-WA

Tampa Bay Rays 2011 (EE) #Andy Freed, Dave Wills

Tampa Bay Rays 2011 (SS) #Enrique Oliu

<http://tampabay.rays.mlb.com/NASApp/mlb/tb/schedule/radionetwork.jsp> (03/23/2011)

620	<u>WDAE-FL</u>	1230	WONN-FL	1400	WZHR-FL	1530	WENG-FL
680	<u>WGES-FL</u> S	1250	WHNZ-FL	1450	WTSU-FL	1580	WCCF-FL
770	WWCN-FL q	1270	WNLS-FL		WWJB-FL		
1080	WHOO-FL	1380	WELE-FL m	1480	WFLN-FL	104.9	WYGC-FL
1220	WSRQ-FL	1390	WFHT-FL		WVOI-FL		

Texas Rangers 2011 (EE) Eric Nadel, Dave Barnett

http://texas.rangers.mlb.com/tex/schedule/tex_radio_affiliates.jsp (02/26/2011)

600	KSKY-TX c	1240	KALP-TX w	KNEL-TX	100.9	KRZI-TX	
	KTBB-TX	1260	KKSA-TX	1550	KYAL-OK	101.3	KRZI-TX
670	KWXI-AR		KZNX-TX	1560	KZQQ-TX	103,3	<u>KESN-TX</u>
690	KPET-TX	1300	KSYB-LA l	1660	KRZI-TX	103.9	KMHT-TX 1
710	KGNC-TX	1340	KRHC-TX			104.3	KGAS-TX
760	KTKR-TX	1380	KBWD-TX	92.7	KALP-TX x		KTTU-TX
900	KCLW-TX	1450	KNET-TX	94.3	KSEY-TX	105.1	KWMW-NM
	KPYN-TX	1480	KTHS-AR t	95.5	KPYN-TX	106.9	KHLE-TX
1090	KVOP-TX	1490	KRUI-NM	97.1	KYAL-OK		
1230	KSEY-TX		KBIX-OR	99.5	KAKS-AR		
	KSST-TX		KBST-TX 1	100.7	KPXI-TX		

Texas Rangers 2011 (SS) Eleno Ornelas, Jerry Romo

http://texas.rangers.mlb.com/tex/schedule/tex_radio_affiliates.jsp (02/26/2011)

The web page says, "In addition, the Rangers ESPN Spanish Radio Network is expected to provide Rangers baseball coverage in Spanish to a network of stations throughout Texas." But there is not list (03/27/2011).

1540 KZMP-TX

Toronto Blue Jays 2011 Jerry Howarth, Alan Ashby

http://toronto.bluejays.mlb.com/tor/schedule/radio_network.jsp (03/08/2011) As of March 1, 2011

Please note that not all stations will carry every one of the 162 games.

570	CKGL-ON	900	CHML-ON	990	CKGM-PQ	1210	CFYM-SK
590	<u>CJCL-ON</u>	920	CKNX-ON	1040	CKST-BC i	1240	CJCS-ON
600	CKAT-ON	960	CFAC-AB	1190	CFSL-SK	1280	CJSL-SK

1290	CJBK-ON			95.7	CJNI-NS
1330	CJYM-SK	88.9	CHNI-NB	101.1	CKBY-ON
1570	CKMW-MB	91.9	CKNI-NB	103.5	CKGC-NU

Washington Nationals 2011 Charley Slowes, Dave Jagelar

http://washington.nationals.mlb.com/was/schedule/radio_affiliates.jsp (03/27/2011)

Affiliate stations are subject to change.

740	WRNR-WV	1450	WNOS-NC	106.7	<u>WJFK-DC</u>
950	WXGI-VA	1490	WXTG-VA	102.1	WXTG-VA

Note that I used all of the lower-case letters, so I had to use one upper-case letter.

= announcers from last season

a = The Mariners' list has "KTRO**" without a city; there is no explanation for the "**".

b = NU = Iqaluit, Nunavut in Canada

c = Conflict station broadcasts the games when the flagship has other commitments.

d = RESERVED [currently unused]

e = The Diamondbacks' list has "Holbrook AZ KDJI/KZUA Z92 FM". Google has 1270 KDJI and 92.1 KZUA.

f = The Diamondbacks' list has "Lake Havasu AZ KNTR/KJJJ 980 AM". Google has 980 KNTR and 102.3 KJJJ.

g = freqseek.com has WADO; other sources have WQBU

h = RESERVED [currently unused]

i = Toronto Blue Jays & Seattle Mariners

j = Chicago Cubs & Chicago White Sox

k = Chicago White Sox & Saint Louis Cardinals

l = Houston Astros & Texas Rangers

m = Florida Marlins & Tampa Bay Rays

n = night games only

o = Los Angeles Dodgers & Chicago Cubs

p = Cincinnati Reds & Los Angeles Dodgers

q = Florida Marlins & Tampa Bay Rays & Boston Red Sox & Atlanta Braves !!!

r = Colorado Rockies & Kansas City Royals

s = Selected games only

t = Kansas City Royals & Texas Rangers

u = Sunday games only

v = Kansas City Royals & Saint Louis Cardinals & New York Yankees

w = weekend games only

x = weekday games only

y = New York Yankees & Saint Louis Cardinals

z = Atlanta Braves & Cincinnati Reds

A = Cincinnati Reds & Cleveland Indians

S = Spanish language broadcasts

NOAA Space Weather Outlook

Issued March 29 – For the period March 30-April 25, 2011

Solar activity is forecast to be low for the period with C-class flares expected and a chance for M-class flares exists based on the size and magnetic complexity of Regions 1176 and 1183 (N15, L= 136, class/area Eai/250 on 28 March). Region 1176 is expected to remain on the disk through April 5 and Region 1183 will rotate off the west limb on April 9, if it does not decay prior. Old Region 1169 which is anticipated to return on March 31 produced an M4.2/1N flare during the last rotation. Imagery from STEREO-B spacecraft as well as brightening on the east limb on GOES 15 SXI and NASA SDO AIA 193 suggest that the region may remain prominent this rotation as well.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels on April 1-2.

Geomagnetic activity is expected to range from quiet to unsettled levels. Unsettled levels are expected March 30-31, April 7-9, and April 18-19, with a slight chance for an isolated active to minor storm period at high latitudes due to anticipated recurrent coronal holes. Predominantly quiet levels are expected for the remainder of the period.

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

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