

# DX News

Serving DXers since 1933

Volume 71, No. 24 - April 12, 2004 (ISSN 0737-1659)



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### CPC Test Calendar

WRIB	RI	1220	daily	0255-0305
WNNR	FL	970	April 11	0000-0100

*From the Publisher ...* We're in "skip" mode now - publishing, that is, so check the calendar before complaining about "missing" DXN's.

As I've mentioned, most of the CPC tests this season seem to have been scheduled on too short of notice to make it into DXN on time. We have no control over operator-scheduled test times; however, nearly all of these tests have been chronicled on the NRC listserv.

*From the Board of Directors Chairman ...* From Ken Chatterton: "Spring is here and change is in the air. The NRC, like any organization, must at times make changes: to reshuffle, renew, and move forward. It becomes my duty to announce that after nearly 28 years Ron Musco is stepping aside as Membership Chairman, member of the Board of Directors, and CPC chairman. I would like to take a moment, on behalf of the club and myself to thank Ron for his nearly 28 years of service as Membership Chairman and NRC Director, and for his services at many other times when he stepped in to cover an emergency. Ron, enjoy your well-earned retirement.

"John Bowker has filled the Board of Directors' vacancy. John will also be serving as a sort of ombudsman. He will field complaints, suggestions, etc, and review them to present to the Board of Directors. John retired from RCA & NBC in 1987. John was the Director of the RCA Frequency Bureau and maintained all radio licenses owned by RCA/NBC. He has been a past DX News editor, and has been in the club for over 20 years. At every convention, everyone knows who John and Linda Bowker are. Candidates to host next year's convention also should contact John at P. O. Box 5192, Sun City Center, FL 33571-5192. E-mail: johnb@nrcdxas.org.

"DX News renewals should now go directly to the publisher, Paul Swearingen at P. O. Box 5711, Topeka, KS 66605-1427. CPC info, suggestions, and scheduling of tests you set up now goes to Fred Vobbe.

"The National Radio Club looks forward to the changes. We would also like to invite you to visit our web site at <http://www.nrcdxas.org>."

*NRC 2004: Batavia, NY ...* After input, Scott Fybush has finalized the convention date as Labor Day weekend, Thursday, September 2, through Monday, September 5, at the Day's Inn in Batavia, NY. More info to follow, or contact at [scott@fybush.com](mailto:scott@fybush.com) or 585-442-5411 (prepaid only, 11 AM-11 PM Eastern only, please).

*NRC Contest ...* I had intended to publish previous standings - printed entries were indeed forwarded by Eric Conchie's mother, although I have no idea about possible e-mailed entries - but this issue is PACKED. Look for a catch-up column in #25 and announcement of a new contest manager.

*GTG ...* The 11th annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on Saturday, August 21, 2004 beginning at 1 PM CDT. The event will take place at Sheridan Park, Cudahy WI, on the Lake Michigan shore at Layton Avenue in south suburban Milwaukee. This year's host is Tim Noonan. This all-band event is being held in the Milwaukee area for the first time following Tim and his family's move there last year. For more information, e-mail Tim at <<DXing2@aol.com>> or phone 414 762-2702.

### DXN Publishing Schedule, Volume 71

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
25.	April 16	April 26	28.	July 2	July 12
26.	May 7	May 17	29.	Aug. 6	Aug. 16
27.	June 4	June 14	30.	Sept. 10	Sept. 20

### DX Time Machine

#### From the pages of DX News:

50 years ago ... from the March 27, 1954 DXN: Everett Johnson, Medota, IL reported receiving 14 veries during the preceding week and, despite heavy static, logged 2YA-570 on 3/8 0400-0430 for his first TP catch ... from April 3: In a verie to Hank Ward, Ponca City, OK, Richard Strader of WHAR-1340 stated that when he was at WKYR-1270 in January, he had fished some reports to NRC members out of the wastebasket and answered them.

# AM Switch

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

Editor's note: Immediately following **AM Switch** is a comprehensive list of what the FCC termed "major" changes for current AM stations and applications for new facilities, called "Auction 84". Although these applications are what we would normally handle in **AM Switch**, the size (over 1000 entries) is better served in a document of its own.

### CALL LETTER CHANGES

Old call		New call
660	WEJY PA Wilkinsburg	WCIX (See next category)
760	WMEN TN Knoxville	WETR (With a talk format)
910	WSTK NC Jacksonville	WSRP
910	KFXX WA Vancouver	KOTK (Now a "Hot Talk" format)
920	KGHO WA Olympia	KGTK ("Great Talk 920")
1010	KXPS CA Thousand Palms	KNWT
1010	KGUY OR Milwaukie	KZNY
1080	KOTK OR Portland	KFXX (With sports as "The Fan")
1210	WWCZ TN Bartlett	WMPS (Had changed from WTCK to WWCZ within the past week week!)
1230	WKYG WV Parkersburg	WVNT (Now news and talk format)
1340	KHLB TX Burnet	KBey
1400	KKZZ CA Santa Paula	KUNX (Had been KMXO for a few days. Now reported to be SS news/talk // KMXE-830. Station has an application to change city-of-license to Saticoy, California which is near Oxnard and Ventura.)
1450	WSMQ AL Bessemer	WZGX
1480	WZTK FL Arcadia	WFLN
1520	KZNY OR Oregon City	KGDD
1530	KQQA TX Creedmore	KZNX (Now ESPN sports // KWNX-1260)
1580	WHLY IN South Bend	WDND (Trading calls and format with 1620)
1590	KKOM CA Ventura	KKZZ
1620	WDND IN South Bend	WHLY (Trading calls and format with 1580)

### CPs ON THE AIR

550	WSAU WI Wausau - CP for U4 15000/20000 is on the air.
660	WCIX PA Wilkinsburg - CP to move here with D1 260/0 is on from a 285' tower at N40-24-47 W79-51-14. Ex: U1 470/88 on 1470 kHz at Portage, Pennsylvania. The coordinates are the same as WURP-1550 Braddock, PA, so we assume the stations share a tower. By the way, WURP has an application on file to move to the 3-tower site of WAMO-860 and increase day and night powers to be U4 4000/32, along with a city-of-license change to Reserve Township. WCIX had previously proposed to diplex into towers at WJAS-1320 and WWNL-1080 before making the deal with WURP. So, if the WURP application is granted, the 'tower sharing' arrangement will be short-lived. This makes two stations in recent months moving to lower frequencies and/or cities to gain coverage and listeners in the Pittsburgh market. The other being WKTW-770 Jeanette, Pennsylvania, which moved from 1530.
950	KJR WA Seattle - CP for U4 50000/50000 is on the air.
1080	KNDK ND Langdon - CP to add night service and adjust coordinates is on. Facilities are now U1 1000/45 at N48-47-09 W97-21-58.
1310	WDKD SC Kingstree - Coordinate correction to N33-42-12 W79-48-58.
1420	WDJA FL Delray Beach - CP for U4 5000/460 is on the air.
1510	WEAL NC Greensboro - CP for D1 820/0 CH 200 is now on.
1510	KROB TX Robstown - Coordinate correction to N27-46-39 W97-37-55.

### GRANTS TO EXISTING FACILITIES

930	WLSS FL Sarasota - CP covers an increase in nighttime power to become U4 5000/3000.
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970	KIAK AK Fairbanks - CP granted to increase day and night power levels to become U1 10000/10000.
1010	KIQN UT Tooele - CP covers an upgrade to U8 50000/178 CH 35000. Night and CH power levels corrected from Issue 21.
1020	WIBG NJ Ocean City-Somers Point - Granted increase in daytime power and addition of critical hours operation. When built, will become D1 1900/0 CH 680. Also, a coordinate correction to N39-13-45 W74-40-54.
1060	KNLV NE Ord - Granted a lower daytime power along with nighttime authorization. Will be U1 650/23. Also a part of the CP is a coordinate correction to N41-34-17 W98-55-21.
1090	WTNK TN Hartsville - CP granted to add nighttime operation. When operational, will be U1 1000/2.
1230	KYPA CA Los Angeles - Station has a CP to reduce day and night power levels to be U1 540/540 from a new transmitter site. They then applied for U1 900/1000 from another site. Now they have been granted U1 1000/830 from yet, another site. New coordinates are N34-05-10 W118-15-23.
1430	WTMN FL Gainesville - Station was recently granted an increase in daytime power to 10 kW. Now they have been granted nighttime service. When in operation will be U1 10000/45.
1600	KATZ MO St. Louis - CP Granted for an increase in their daytime power and a decrease in the nighttime power, to become U4 6000/3500.

### APPLICATIONS FOR NEW STATIONS

1490	NEW NH Lebanon - Applies for U1 640/640.
1660	NEW PR Mayaguez - Applies for U1 5000/185. Possibly a relay of WGIT?
1660	NEW PR Ponce - Applies for U1 5000/185. Possibly a relay of WGIT?

### APPLICATIONS FROM EXISTING FACILITIES

590	WCAB NC Rutherfordton - Licensed for U1 500/228, station has applied to increase day power to become U1 1000/228.
610	KVNU UT Logan - Application is to increase daytime power to become U2 10000/1000.
750	WPDV WV Clarksburg - Besides WPDV, station owner owns and operates WPDV-FM, and WZST, Westover, West Virginia - all operating in the Morgantown-Fairmont and Clarksburg market as designated by Arbitron. It is being proposed to change the WPDV-AM studio location outside the principal city coverage contour but within the 25 mile radius of the city of license (Clarksburg). The new proposed location is in Whitehall, West Virginia. The new proposed studio location meets all the requirements of FCC rule 73.1125 - providing a toll-free telephone from Clarksburg and located within the required 25 mile radius of Clarksburg. An application is pending at the FCC to change the studio location of the owner's other radio stations.
770	WKFB PA Jeanette - Station recently moved here from 1530 kHz, but now applies to change the city-of-license to North Huntingdon, Pennsylvania. If granted, they would remain D1 750/0 CH 750.
910	WABI ME Bangor - Coordinate correction to N44-46-51 W68-44-54.
990	WNOX TN Knoxville - Coordinate correction to N36-02-33 W83-53-59.
1240	KTHE WY Thermopolis - Coordinate correction to N43-37-56 W108-13-36.
1530	KGBT TX Harlingen - Coordinate correction to N26-22-33 W97-53-43.
1690	WSWK GA Avondale Estates - In Issue 20, we reported that WSWK had signed on using one of WATB-1420's towers. But now it seems, since WATB has applied to move to 1430 kHz and raise their power, some of the engineering numbers don't pan out. So WSWK is, once again, looking for new property on which to erect its tower. This time they are looking to locate somewhere inside the immense Atlanta city limits.

### APPLICATIONS FROM EXISTING FACILITIES REINSTATED

770	KAAM TX Garland - Application for U4 10000/1100 has been reinstated.
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### APPLICATIONS DISMISSED

1160	WMLB GA East Point - This was the first in a long line of applications from WMLB. It was for U13 50000/290 CH 50000 and WMLB requested it be cancelled.
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1320 KSDT CA Hemet - After having been initially turned down for U4 1000/400, station asked for reconsideration. FCC says "NO".

ENGINEERING AMENDMENTS TO CONSTRUCTION PERMITS SUBMITTED

870 KJMP CO Pierce - New station, not yet on the air, has a CP for U4 5000/246 with two towers. This amendment seeks to change that to U4 1200/320 from a different site using three towers.
1150 WGEA AL Geneva - Station has an application filed to increase day and night power levels to become U1 5000/172. This amendment changes the height of the tower altering the pattern parameters slightly.

ENGINEERING AMENDMENTS TO APPLICATIONS SUBMITTED

910 WFVR GA Valdosta - Has an application on file to move to Wellborn, Florida with U4 50000/5000 at a new site and an amendment to lower the day power to 35 kW at another site. This amendment asks for U4 35000/5000 at yet, another transmitter site.
920 WMOK IL Metropolis - Licensed for U1 1000/73, WMOK had applied for 900 Watts directional at night, then amended that request to read 750 Watts. Now the 900 Watts application has disappeared, so we're now at U2 1000/750.
1070 KILR IA Estherville - Licensed for D3 250/0, station has a pending application to add night service with 37 Watts. This amendment increases that night power. If granted, station will become U4 250/48.

APPLICATIONS FOR RENEWAL ACCEPTED

Table with 4 columns: Call letters, State, City, and Frequency/Power. Lists various stations such as WHBQ TN Memphis, WIDS KY Russell Springs, etc.

Table with 4 columns: Call letters, State, City, and Frequency/Power. Lists various stations such as WNDI IN Sullivan, WIRV KY Irvine, etc.

LICENSE RENEWALS GRANTED

Table with 4 columns: Call letters, State, City, and Frequency/Power. Lists various stations such as WDUW GA Gainesville, WGAC GA Augusta, etc.

CANADIAN NEWS

CKBC-1360 Bathurst, New Brunswick signed off air on Friday February 13th. The area is being served by their new FM on 104.9 MHz with 20 kW. Also soon to be replaced by an FMR is CKVM-710 Ville Marie, Quebec. And not to be left out, CKCQ-920 Quesnel, British Columbia has applied to move to 100.3 MHz.

ODDS AND ENDS

It has been reported that the owners of KXLX-700 Newport, Washington (who also own KXLY-920 Spokane and KXLI-630 Opportunity, Washington) that the sports programming currently aired on 630 will be moved to 700 and KXLI will go off the air.
From the CGC Communicator, via Fred Vobbe... Word from an authoritative Mexico City source is that the SCT-authorized call signs for the three new AM stations in the vicinity of Tijuana are as follows: 560 - XEKTT (or XEPE, also said to be official); 780 - XESS; and 920 - XESDD.
Reports indicate that WQOQ-1430 Durand, Wisconsin has gone silent.
MUSINGS WANTED!! Support your club with a Muse. "But what do I write about", you ask. Here's a suggestion for a subject... I received a note from Frank Merrill recently, and in it he mentioned that March 14, 1966 was the most incredible morning (it was a Monday) for him as far as DX is concerned when he logged 4YA-780 and a couple more Trans-Pacific stations.
Last issue (#23) we had a list of 13 stations whose licenses were revoked due to the stations not filing a renewal request. Ken Onyschuk asks "... does this mean we delete them from the NRC Logbook?" Not yet. If you'll notice, one of those stations had submitted a renewal application in the next category (last issue), meaning their letter of cancellation must have woke someone up. And four renewal applications from stations on that list appears this issue (indicated with a \* in Renewal Request list above). I'll bet there are lots of owners, especially new ones, who don't have

a clue about licensing regulations. You may want to 'pencil' in a note in your Logs by the station listing that the FCC had initiated action which would delete the station. Then watch this column for further actions.

☐ Apparently the owners of WVOV-970 Danville, Virginia failed to submit their application for license renewal on time, and the FCC cancelled the license and deleted the call letters back on December 3, 2003. Folks at WVOV claim they filed electronically but say they were unaware of any fees involved and didn't render any. So, without the fee, the FCC said "No money, no license renewal". Now, WVOV has asked for a Special Temporary Authority (STA) to continue broadcasting while they get their act together and file a proper license renewal request. The Feds granted the request stipulating that they must file a proper license renewal request within 180 days from when their letter was dated (which was December 16, 2003) or they must surrender the license. So that renewal request has finally made it to Washington, DC.

☐ Thanks to Saul Chernos on the NRC DXAS AM List for Canadian News, plus Perry Crabill, Wayne Heinen, Jerry Starr, and Moe D. Lawn.

GRAVEYARD DX UPDATE

Remember all the GY DX records are on line at: www.angelfire.com/tx2/phantom2/index.html

1240 kHz:

Table with 4 columns: KEVA, WY, Evanston, Tim Hall, Chula Vista, CA, Miles, 684

FCC Auction 84 Applications

The FCC has opened the flood gates for what they term "major" changes for current AM stations, and applications for new facilities. The document was released on March 20, and I spent most of that weekend converting it from the FCC's language to NRC-speak. Following is the list in frequency order. As you look it over, you'll see some glaring errors and questionable references. Some of these applications are pretty far-fetched, and I'm sure some are typographical errors on the part of the FCC as well as the applicants. How many of these will actually make it on the air is beyond comprehension. After all, wasn't the X-Band created to clean up the 540-1600 kHz portion of the frequency spectrum?? You'll note many applications for facilities both close in geographical proximity and on the dial. Those applicants will be fighting it out. The far right column contains the 'from' data of current facilities.

-BILL HALE, AM Switch Editor

Main table with columns: Freq, Call, St, City, Power, Ant, Day, Night, CH, Fac #, Coordinates. Includes sub-headers for Power, Ant, Day, Night.

Continuation of FCC Auction 84 Applications table with columns: Freq, Call, St, City, Power, Ant, Day, Night, CH, Fac #, Coordinates.







Power	Power	Power	CH	Fac #	Coordinates
Ant	Day	Night	CH	Fac #	Coordinates
1220	NEW	NY		160354 N 43 11 29	W 77 40 22
1220	NEW	NY	2500	160223 N 42 51 16	W 77 42 39
1220	NEW	SD		160723 N 44 3 49	W103 18 0
1220	NEW	UT		160513 N 39 33 43	W110 46 36
1230	NEW	AK		160436 N 66 53 12	W162 34 46
1230	NEW	GA		160899 N 34 57 12	W 83 45 15
1230	NEW	GA		160792 N 31 52 30	W 84 14 36
1230	NEW	HI		160378 N 21 28 55	W158 2 0
1230	NEW	ID		160744 N 43 45 41	W116 40 18
1230	NEW	ID		161433 N 43 37 13	W116 35 57
1230	NEW	KS		161396 N 37 55 43	W 81 14 48
1230	NEW	KY		160849 N 37 0 17	W 85 56 27
1230	KLIC	LA		22171 N 32 25 42	W 92 4 44
(Monroe)					
1230	NEW	ME		160527 N 46 46 0	W 67 52 14
1230	NEW	ME		160767 N 44 49 17	W 69 16 13
1230	NEW	ME		160847 N 46 41 9	W 68 1 37
1230	NEW	MN		160330 N 46 43 5	W 94 26 0
1230	NEW	MS		160859 N 31 20 55	W 89 17 0
1230	NEW	MS		160846 N 31 41 36	W 89 8 27
1230	NEW	MS		160867 N 31 42 30	W 89 10 0
1230	NEW	MS		160968 N 31 45 52	W 89 24 1
1230	NEW	NV		160743 N 40 57 45	W117 45 26
1230	NEW	PA		160406 N 42 10 55	W 79 53 15
1230	NEW	SC		160275 N 34 49 40	W 81 40 15
1230	WJFC	TN		18402 N 36 6 15	W 83 29 10
(1480)					
1230	NEW	TX		160842 N 30 1 58	W 97 40 49
1230	NEW	TX		160486 N 31 10 0	W105 45 0
1230	NEW	TX		160479 N 29 34 45	W104 21 0
1230	NEW	UT		160379 N 38 15 0	W112 37 37
1230	NEW	UT		160476 N 37 53 9	W112 46 28
1230	NEW	VA		160328 N 38 30 17	W 78 37 20
1230	NEW	WV		161186 N 37 47 6	W 81 6 47
1230	NEW	WV		161396 N 37 55 43	W 81 14 48
1230	NEW	WV		160844 N 37 50 36	W 81 12 2
1230	NEW	WV		160502 N 38 19 50	W 80 49 36
1240	NEW	AK		160923 N 61 12 43	W149 53 27
1240	NEW	AK	1000	161038 N 64 49 1	W147 44 54
1240	NEW	AK		160435 N 64 44 27	W156 49 11
1240	NEW	AL		160970 N 32 28 15	W 88 23 27
1240	NEW	AZ		161493 N 34 33 20	W112 24 50
1240	NEW	AZ		160483 N 35 14 10	W112 9 30
1240	NEW	AZ		160746 N 35 13 57	W112 13 14
1240	WYNY	FL		73408 N 28 55 21	W 82 22 21
(Cross City)					
1240	NEW	HI		161045 N 20 47 30	W156 28 21
1240	NEW	HI		161542 N 19 37 48	W155 2 24
1240	NEW	KY	1000	161151 N 38 5 18	W 82 36 44
1240	NEW	ME		160465 N 44 32 9	W 68 24 19
1240	NEW	MS		161118 N 32 24 10	W 88 39 17
1240	KBLL	MT		27515 N 46 33 58	W111 54 12
1240	NEW	MT		160441 N 48 23 44	W114 19 40
1240	NEW	NM		160747 N 32 51 47	W108 21 6
1240	NEW	NV		161165 N 36 54 1	W116 46 51
1240	NEW	NV		160323 N 39 28 57	W118 45 36
1240	NEW	NV		160425 N 40 10 46	W118 28 21
1240	NEW	OR		160852 N 42 11 47	W121 42 21
1240	NEW	OR		160547 N 42 12 19	W121 46 4
1240	NEW	OR		160745 N 42 2 13	W121 34 26
1240	NEW	TX	250	161164 N 32 58 43	W 96 53 30
1240	NEW	TX		161311 N 33 7 24	W 94 57 44
1240	NEW	UT		160485 N 38 58 48	W110 6 45
1240	NEW	UT		161182 N 37 8 38	W113 30 6
1250	NEW	AK		161041 N 55 21 18	W131 40 17
1250	NEW	AK		161370 N 61 36 12	W149 26 54
1250	NEW	AZ	250	161071 N 36 21 1	W109 37 0
1250	KQYN	CA		67028 N 34 7 51	W116 22 8
(Twenty Nine Palms)					
1250	NEW	HI		160451 N 19 31 12	W155 55 18

Power	Power	Power	CH	Fac #	Coordinates
Ant	Day	Night	CH	Fac #	Coordinates
1250	NEW	ID	250	160602 N 45 10 33	W113 53 12
1250	NEW	MI		160388 N 48 24 24	W 75 35 24
1250	WKNX	MD		4600 N 33 20 31	W 83 53 57
(Bay City)					
1250	NEW	NV		160448 N 36 46 17	W114 6 26
1250	KZDC	TX		65330 N 29 38 43	W 98 55 58
(San Antonio)					
1260	NEW	AZ		160393 N 33 15 26	W111 44 18
1260	NEW	MI		161324 N 41 54 11	W 83 59 13
1260	WSDZ	MO		4622 N 38 27 31	W 89 57 41
(Belleville, IL)					
1260	KIMB	NE		15818 N 41 4 30	W101 45 24
(Kimball)					
1260	NEW	VA	250	161069 N 39 16 9	W 14 38 10
1260	NEW	WA		160511 N 46 56 59	W123 49 13
1270	NEW	AK	1000	161027 N 61 7 12	W149 53 43
1270	NEW	AK		161287 N 56 48 8	W132 58 3
1270	NEW	AL		160775 N 34 16 38	W 87 49 43
1270	WXGO	IN		17624 N 39 4 0	W 84 54 44
(Madison, IN)					
1270	NEW	MT		161560 N 45 40 54	W111 2 18
1270	NEW	TX		161031 N 29 1 32	W 95 53 58
1280	WWPG	AL		68420 N 32 55 19	W 87 49 8
(Tuscaloosa)					
1280	NEW	MT		161550 N 45 40 54	W111 2 18
1280	NEW	MT		160697 N 46 34 5	W112 1 30
1280	NEW	NY		160877 N 42 45 37	W 73 57 23
1280	NEW	TX		161400 N 32 30 7	W 94 40 7
(1290)					
1290	NEW	AK		161285 N 57 2 57	W135 19 0
1290	NEW	CO		161259 N 39 10 6	W108 40 10
1290	NEW	HI		160453 N 19 31 12	W155 55 18
1290	NEW	MN		160312 N 46 47 9	W 92 21 3
1290	NEW	NM		160587 N 35 37 15	W105 12 30
1290	NEW	UT		161390 N 37 7 59	W113 39 12
1290	WOWZ	VA		8075 N 37 16 6	W 79 54 46
(Appomattox)					
1300	NEW	AK	1000	161028 N 61 7 12	W149 53 43
1300	NEW	AK	1000	161021 N 64 49 1	W147 44 54
1300	NEW	AZ		160473 N 34 31 46	W112 28 22
1300	NEW	GA		160292 N 33 28 11	W 82 6 50
1300	NEW	HI		160452 N 19 31 12	W155 55 18
1300	NEW	HI		161535 N 20 56 16	W156 32 12
1300	NEW	HI		161313 N 20 53 25	W156 29 20
1300	NEW	HI		160495 N 47 26 32	W 94 51 57
1300	NEW	MN		160680 N 45 45 57	W108 30 12
1300	NEW	MT		161463 N 45 40 54	W111 2 18
1300	NEW	SC		161478 N 33 37 12	W 81 43 3
1300	NEW	SC		160525 N 33 31 40	W 81 51 0
1300	KSET	TX		31108 N 30 21 2	W 94 13 39
(Silsbee)					
1310	NEW	AK		160902 N 61 12 25	W149 55 20
1310	NJUS	AL		57472 N 32 27 16	W 87 6 36
(Marion)					
1310	NEW	CA		161551 N 35 15 10	W119 6 6
1310	NEW	TX		160894 N 30 46 44	W 96 19 9
1320	NEW	AK		161315 N 61 20 15	W149 36 59
1320	NEW	AK	1000	161030 N 60 34 7	W151 7 57
1320	WZZK	AL		6411 N 33 33 41	W 86 51 37
(Birmingham)					
1320	NEW	AZ		160301 N 35 13 18	W111 53 11
1320	NEW	AZ	250	160862 N 35 12 16	W111 37 18
1320	NEW	CA		161485 N 36 5 45	W119 3 0
1320	KSDT	CA		36830 N 34 0 42	W117 11 3
(Hemet)					
1320	NEW	CA		161304 N 34 56 30	W120 24 0
1320	KCTC	CA		67848 N 38 38 9	W121 33 11
(Sacramento)					
1320	NEW	CO		161517 N 39 36 46	W106 0 5
1320	NEW	CO		160601 N 37 39 26	W104 45 2



	Freq	Call	St	City	Power	Power	Power	CH	Fac #	Coordinates
	Change Data (from)				Ant	Day	Night			
	1320	WAMR	FL	Longboat Key	U4	20000	3300		3060 N 27 27 56	W 82 27 43
(Venice)	1320	NEW	GA	Coosa	U2	250	250		160786 N 34 15 16	W 85 21 16
	1320	NEW	ID	Inkom	U4	1000	500		161399 N 42 47 30	W112 15 12
	1320	NEW	OR	Merlin	U4	1000	500		161059 N 42 26 17	W123 24 37
	1320	NEW	PA	Dickson City	U4	3500	400		161097 N 41 25 41	W 75 44 50
	1330	NEW	CA	Santa Maria	U1	1000	1000		161424 N 34 57 0	W120 30 0
	1330	NEW	CA	Shasta Lake City	U2	1000	1000		160812 N 40 39 50	W122 17 10
	1330	NEW	FL	Ocala	U4	2600	690		161506 N 29 10 38	W 82 8 42
	1330	NEW	NV	Pioche	U1	250	250	250	160773 N 33 0 18	W114 27 5
	1330	NEW	NY	Ontario	U4	1000	2000		160375 N 43 9 0	W 77 22 0
	1340	NEW	AK	Fairbanks	U1	1000	1000	1000	161036 N 64 49 1	W147 44 54
	1340	NEW	AK	Fairbanks	U1	1000	1000		160930 N 64 49 45	W147 39 14
	1340	NEW	AK	Fairbanks	U1	1000	1000		160434 N 64 53 25	W147 45 30
	1340	NEW	AK	Juneau	U1	1000	1000		161171 N 58 18 17	W134 25 12
	1340	NEW	AK	Kenai	U1	5000	2000		160735 N 60 30 39	W151 16 11
	1340	NEW	AL	Holt	U1	1000	1000		161136 N 33 13 30	W 87 28 0
	1340	NEW	AR	Bethel Heights	U1	1000	1000		160838 N 36 12 54	W 94 7 28
	1340	NEW	AR	Rogers	U1	1000	1000		161473 N 36 19 25	W 94 6 16
	1340	NEW	AZ	Chino Valley	U1	250	250		161226 N 34 49 32	W112 27 13
	1340	NEW	AZ	Flagstaff	U1	1000	1000		160768 N 35 11 26	W111 40 37
	1340	NEW	AZ	Jerome	U1	1000	1000		160530 N 34 45 7	W112 6 16
	1340	NEW	AZ	Prescott	U1	250	250		160653 N 34 34 30	W112 25 0
	1340	NEW	AZ	Prescott	U1	170	170		161484 N 34 33 20	W112 24 50
	1340	NEW	AZ	Prescott Valley	U1	250	250		160481 N 34 35 54	W112 19 18
	1340	NEW	AZ	Prescott Valley	U1	1000	1000		160938 N 34 36 0	W112 17 59
	1340	NEW	AZ	Sedona	U1	1000	1000		161406 N 34 51 0	W111 50 0
	1340	NEW	CA	Alturas	U1	250	250		160423 N 41 29 14	W120 32 29
	1340	NEW	CA	Bishop	U1	1000	1000		160321 N 37 22 26	W118 23 42
	1340	NEW	CA	Catalina	U1	250	250		160728 N 33 19 30	W118 23 16
	1340	NEW	CA	Jackson	U1	1000	1000		160449 N 38 20 24	W120 43 13
	1340	NEW	CA	Mountain Ranch	U1	1000	1000		160634 N 38 13 41	W120 32 23
	1340	NEW	CO	Lamar	U1	250	250		160459 N 38 5 14	W102 37 13
	1340	NEW	CO	Steamboat Springs	U1	175	175		160474 N 40 29 19	W106 50 57
	1340	NEW	HI	Haiku	U1	250	250		160845 N 20 55 30	W156 20 51
	1340	NEW	HI	Honalo	U1	250	250		161436 N 19 31 10	W155 55 8
	1340	NEW	HI	Honaunau	U1	5000	5000		160454 N 19 31 12	W155 55 18
	1340	NEW	ID	Rupert	U1	1000	1000		161369 N 42 37 9	W113 40 35
	1340	NEW	ID	Wendell	U1	250	250		160750 N 42 43 48	W114 36 8
	1340	NEW	KS	Garden City	U1	250	250	250	160549 N 37 58 32	W100 52 8
	1340	NEW	KS	Garden City	U1	1000	1000		160947 N 37 59 31	W100 53 51
	1340	NEW	KS	Garden City	U1	250	250		160669 N 37 57 37	W100 54 19
	1340	NEW	LA	Ridgecrest	U1	250	250		160973 N 31 36 51	W 91 27 17
	1340	NEW	LA	Vidalia	U1	1000	1000		160918 N 31 33 33	W 91 23 30
	1340	NEW	MA	Westfield	U1	250	250		161058 N 42 7 25	W 72 43 19
	1340	WYCB	MD	Oxon Hill	U1	270	270		7038 N 38 48 53	W 77 0 51
(Washington, DC)	1340	NEW	MI	Houghton	U1	1000	1000		160693 N 47 5 44	W 88 37 56
	1340	NEW	MS	Columbus	U1	1000	1000		160924 N 33 29 30	W 88 24 14
	1340	NEW	MS	Natchez	U1	1000	1000		160897 N 31 33 59	W 91 21 39
	1340	NEW	MS	Natchez	U1	250	250		161570 N 31 33 37	W 91 24 10
	1340	NEW	MS	New Hope	U1	250	250		160971 N 33 29 4	W 88 21 50
	1340	NEW	MS	New Hope	U1	1000	1000		161146 N 33 28 20	W 88 20 40
	1340	NEW	MS	West Gulfport	U1	250	250		161562 N 30 24 13	W 89 5 39
	1340	NEW	MT	Huntley	U1	250	250		161262 N 45 53 15	W108 10 34
	1340	NEW	MT	Kalispell	U1	250	250		160700 N 48 12 42	W114 18 2
	1340	NEW	NH	Conway	U1	630	630		161077 N 43 58 48	W 71 6 36
	1340	NEW	NM	Bayard	U1	1000	1000		161020 N 32 47 33	W108 7 40
	1340	NEW	NM	Lordsburg	U1	250	250		160458 N 32 23 0	W108 46 45
	1340	NEW	NM	Silver City	U1	1000	1000		160006 N 32 50 40	W108 14 19
	1340	NEW	NV	Winnemucca	U1	250	250		160748 N 40 58 48	W117 45 37
	1340	NEW	OR	Bend	U1	250	250		160749 N 44 3 40	W121 13 2
	1340	NEW	TX	Perryton	U1	250	250		160460 N 36 22 0	W100 44 0
	1340	NEW	TX	Shamrock	U15	1000	1000	1000	160208 N 35 30 53	W100 58 34
	1340	NEW	WI	Mosinee	U1	250	250		161437 N 44 45 33	W 89 39 35
	1340	NEW	WI	Rhinclander	U1	1000	1000		160289 N 45 38 30	W 89 26 31
	1340	NEW	WI	Rothschile	U1	1000	1000		160933 N 44 53 40	W 89 38 15
	1350	NEW	FL	Gainesville	U4	410	6800		161509 N 29 38 34	W 82 25 13
	1350	NEW	GU	Agana	U1	250	250		160741 N 13 27 27	W144 42 12
	1350	NEW	HI	Kihei	U1	5000	5000		161044 N 20 47 30	W156 28 21

	Freq	Call	St	City	Power	Power	Power	CH	Fac #	Coordinates
	Change Data (from)				Ant	Day	Night			
	1350	NEW	PA	Geistown	U4	850	840		161327 N 40 22 48	W 78 51 33
	1350	NEW	WA	Raymond	U2	1000	300		160871 N 46 40 19	W123 46 12
	1360	NEW	AK	Hope	U1	10000	10000		161325 N 61 3 47	W149 48 9
	1360	NEW	AK	Tyonek	U1	10000	10000		160366 N 60 59 8	W150 26 54
	1360	NEW	GA	Cumming	U4	250	250		160403 N 34 10 41	W 84 9 23
	1360	NEW	GA	Lithonia	U1	1000	213		161539 N 33 46 26	W 84 4 39
	1360	NEW	GA	Sylvester	U4	2000	2300		160564 N 31 33 48	W 83 57 9
	1360	NEW	ID	Sun Valley	U1	5000	250		161459 N 43 41 48	W114 21 0
	1360	NEW	NC	Jamesville	U2	500	250		160531 N 35 49 10	W 76 55 51
	1360	WAVL	PA	Apollo	D3	2000			67662 N 40 35 1	W 79 31 34
(910-Apollo)	1360	NEW	SC	Forest Acres	U4	1000	250		160300 N 34 1 16	W 81 2 2
	1360	NEW	TN	McMinnville	U4	250	250		160387 N 35 39 41	W 85 45 6
	1370	NEW	AK	Anchorage	U1	1000	1000	1000	161026 N 61 7 12	W149 53 43
	1370	NEW	AK	Wasilla	U1	1000	1000	1000	161025 N 61 38 3	W149 26 25
	1370	NEW	AL	Heflin	U2	250	250		160409 N 33 38 22	W 85 37 1
	1370	NEW	AZ	La Cienega	U4	800	800		160472 N 35 36 33	W106 2 41
	1370	NEW	CA	Ludlow	U4	250	250		160764 N 34 43 25	W116 10 1
	1370	KGEM	CA	Sanger	U4	5000	250		57446 N 36 43 50	W119 33 45
(Tulare)	1370	NEW	CO	Cimmaron Hills	U4	1000	500		161272 N 38 55 30	W104 42 13
	1370	NEW	CO	Colorado Springs	U4	300	300		160469 N 38 56 59	W104 49 22
	1370	NEW	CO	Colorado Springs	U4	50000	250		160245 N 38 49 0	W104 39 40
	1370	NEW	CO	Cripple Creek	U1	250	250		161488 N 38 41 42	W105 2 13
	1370	NEW	FL	Gibson	U4	901	250		160401 N 30 31 40	W 84 22 42
	1370	NEW	FL	Monticello	U1	250	250		160580 N 30 32 42	W 83 52 13
	1370	WLTC	NC	Pineville	D1	300			22027 N 35 12 45	W 80 52 6
(Gastonia)	1370	NEW	NM	Las Vegas	U2	5000	250		161014 N 35 35 53	W105 12 17
	1370	NEW	NM	Las Vegas	U2	1000	250		160588 N 35 37 15	W105 12 30
	1370	NEW	NV	Bunkerville	U1	51000	220		161150 N 36 49 0	W114 4 2
	1370	NEW	NV	Henderson	U4	2500	400		160299 N 36 4 40	W115 5 15
	1370	NEW	NV	Henderson	U4	350	292		160308 N 36 4 33	W115 10 28
	1370	WABV	NV	Whitney	D3	14000			3152 N 35 53 53	W115 17 4
(1590-Abbeville, SC)	1370	NEW	RI	Charleston	U4	2000	500		161299 N 41 23 45	W 71 42 40
	1370	NEW	WI	Sussex	U1	250	250		160836 N 43 4 40	W 88 11 32
	1380	NEW	AK	Fox	U1	10000	10000		161320 N 64 53 26	W147 39 42
	1380	KWJL	CA	Rosamond	U4	1000	11		19702 N 34 42 43	W118 10 33
(Lancaster)	1380	NEW	DE	Dagsboro	U4	1000	1000		160828 N 38 33 59	W 75 15 54
	1380	WTMC	DE	Newport	D1					

Freq	Call	St	City	Power			CH	Fac #	Coordinates
				Ant	Day	Night			
<b>Change Data (from)</b>									
1400	NEW	AL	Taylor	U1	1000	1000		160825 N 31 11 0	W 85 26 15
1400	NEW	AZ	East Flagstaff	U1	250	250		160753 N 35 18 31	W111 34 29
1400	NEW	AZ	Flagstaff	U1	250	250		160651 N 35 11 52	W111 39 2
1400	NEW	AZ	Kachina Village	U1	1000	1000		160928 N 35 8 0	W111 37 45
1400	NEW	AZ	Prescott Valley	U1	170	170		161514 N 34 37 5	W112 22 14
1400	NEW	AZ	Seligman	U1	250	250		160456 N 35 18 30	W112 53 40
1400	NEW	AZ	Seligman	U1	250	250	250	160885 N 35 19 32	W112 52 36
1400	NEW	CA	Eureka	U1	1000	1000		160910 N 40 48 9	W124 8 20
1400	NEW	CA	Lemon Grove	U1	1000	1000		160820 N 32 44 27	W117 2 4
1400	NEW	CA	Ridgecrest	U1	250	250		161213 N 35 37 19	W117 37 29
1400	KMXO	CA	Saticoy	U1	1000	1000		70562 N 34 19 48	W119 5 31
<b>(Santa Paula)</b>									
1400	NEW	CT	Falls Village	U1	250	250		161001 N 41 57 30	W 73 21 0
1400	NEW	FL	Holiday	U1	1000	1000		161547 N 28 11 32	W 82 45 46
1400	NEW	GA	Clayton	U1	1000	1000		160276 N 34 51 41	W 83 24 25
1400	NEW	GA	Waynesboro	U1	1000	1000		160805 N 33 5 58	W 81 59 44
1400	NEW	HI	Paukaa	U1	2500	2500		161432 N 19 41 48	W155 3 5
1400	NEW	ID	Boise	U1	1000	1000		161395 N 43 33 57	W116 20 13
1400	NEW	ID	Eagle	U1	250	500		161526 N 43 43 21	W116 26 58
1400	NEW	ID	Middleton	U1	250	250		160752 N 43 40 19	W116 45 4
1400	NEW	ID	Middleton	U1	1000	1000		161011 N 43 42 45	W116 37 5
1400	NEW	MN	Bemidji	U1	250	250		160675 N 47 27 56	W 94 52 52
1400	NEW	MT	Billings	U7	1000	1000	1000	161469 N 45 43 14	W108 35 51
1400	NEW	MT	Bozeman	U1	250	250		161483 N 45 40 38	W110 56 42
1400	NEW	MT	Bozeman	U1	1000	1000		161383 N 45 40 38	W110 56 42
1400	NEW	MT	Columbia Falls	U1	1000	1000		160696 N 48 24 9	W114 11 47
1400	NEW	MT	Evergreen	U1	250	250		161457 N 47 14 20	W114 10 16
1400	NEW	NM	Lordsburg	U1	250	250		160831 N 32 28 50	W108 43 10
1400	NEW	NV	Elko	U1	1000	1000		160509 N 40 48 57	W115 47 37
1400	NEW	NV	Spring Creek	U1	250	250		160751 N 40 46 55	W115 41 56
1400	NEW	NV	Tonopah	U1	1000	1000		160364 N 38 2 54	W117 14 27
1400	NEW	NY	Middletown	U1	1000	1000		161544 N 41 27 40	W 74 26 30
1400	NEW	OR	Bend	U1	250	250		160755 N 44 3 40	W121 13 2
1400	NEW	OR	Central Point	U1	1000	1000		160256 N 42 21 7	W122 54 23
1400	NEW	OR	Gold Hill	U1	250	250		160754 N 42 22 19	W123 3 41
1400	NEW	OR	Klamath Falls	U1	1000	1000		160552 N 42 12 19	W121 46 4
1400	NEW	PA	Philadelphia	U1	250	250		160810 N 40 2 29	W 75 5 3
1400	NEW	SD	Lead	U1	250	250		161489 N 44 16 29	W103 45 52
1400	NEW	SD	Pierre	U1	1000	1000		160360 N 44 25 54	W100 30 49
1400	NEW	TX	Anthony	U1	170	170		161442 N 32 0 59	W106 37 49
1400	NEW	TX	Esperanza	U1	250	250		160188 N 31 10 0	W105 45 0
1400	NEW	TX	Langtry	U1	250	250		160457 N 29 47 30	W101 30 30
1400	KHCB	TX	League City	U4	1000	1000		27703 N 29 25 35	W 95 8 0
<b>(Galveston)</b>									
1400	KSR	UT	Lehi	U1	1000	1000		53103 N 40 15 29	W111 42 24
<b>(Provo)</b>									
1400	NEW	VA	South Boston	U1	1000	1000		160359 N 36 42 35	W 78 52 28
1400	NEW	WI	Saint Germain	U1	250	250		161468 N 45 54 41	W 89 25 16
1400	NEW	WV	Oak Hill	U1	1000	1000		160431 N 38 0 34	W 81 8 36
1400	NEW	WY	Green River	U1	250	250		161451 N 41 31 42	W109 20 49
1410	NEW	CO	Aspen	U2	2000	500		161250 N 39 11 51	W106 50 21
1410	NEW	KY	Bowling Green	U2	1000	400		160704 N 36 58 24	W 86 21 46
1410	NEW	MI	Adrian	U2	500	250		161322 N 41 54 11	W 83 59 13
1410	NEW	MT	Bozeman	U1	10000	250		161465 N 45 40 54	W111 2 18
1410	NEW	SC	Barnwell	U2	260	253		160806 N 33 13 25	W 81 21 35
1410	NEW	TN	Lebanon	U4	250	250		160206 N 36 13 15	W 86 20 25
1410	NEW	VA	Midlothian	U4	360	360		160353 N 37 30 4	W 77 38 12
1420	NEW	CA	Baker	U2	10000	250		160819 N 35 19 15	W116 4 22
1420	NEW	CA	Baker	U2	9500	250		160414 N 35 16 35	W116 4 4
1420	NEW	CA	Crescent City	U1	250	250	250	161052 N 41 45 22	W124 12 2
1420	NEW	GA	Adel	U1	250	250	250	160607 N 31 8 13	W 83 25 25
1420	WRCG	GA	Bibb City	U2	5000	5000		72090 N 32 29 46	W 85 2 39
<b>(Columbus)</b>									
1420	NEW	ID	Boise	U1	250	250	250	160528 N 43 36 49	W116 12 9
1420	NEW	NM	Belen	U4	7414	250		160282 N 34 40 10	W106 47 26
1420	NEW	NM	Rowe	U2	1000	250		160589 N 35 26 30	W105 41 20
1420	NEW	NM	South Valley	U2	4500	500		161475 N 34 55 45	W106 41 25
1420	KPIR	TX	Crowley	U4	1000	500		30195 N 32 34 37	W 97 21 35
<b>(Granbury)</b>									
1420	KUJ	WA	Finley	U1	10000	790		35718 N 46 13 41	W119 7 32
<b>(Walla Walla)</b>									

Freq	Call	St	City	Power			CH	Fac #	Coordinates
				Ant	Day	Night			
<b>Change Data (from)</b>									
1430	NEW	AL	Wasilla	U1	1000	1000	1000	161023 N 61 38 3	W149 26 25
1430	WEFF	IL	Wheeling	U4	1000	230		72957 N 42 8 23	W 87 53 9
<b>(Highland Park)</b>									
1430	WXAM	KY	Hodgenville	U1	1000	42		40213 N 37 31 49	W 85 42 49
<b>(Buffalo)</b>									
1430	NEW	MI	Escanaba	U2	1000	1000		160238 N 45 44 51	W 87 4 15
1430	NEW	MI	Marquette	U1	250	250	250	160633 N 46 33 1	W 87 24 11
1430	NEW	NV	North Las Vegas	U4	2500	440		160324 N 36 17 40	W114 58 30
1430	NEW	SC	Goose Creek	U1	250	250	250	160771 N 33 0 18	W 80 2 10
1430	NEW	WY	Cheyenne	U1	1000	250		161284 N 41 8 0	W104 48 59
1440	NEW	AZ	Rio Rico	U1	250	250		161208 N 31 25 25	W110 57 38
1440	NEW	CO	Steamboat Springs	U1	250	250	250	160780 N 40 29 6	W106 49 52
1440	WPRD	FL	Fairview Shores	U2	5000	1000		29341 N 28 35 18	W 81 22 53
<b>(Winter Park)</b>									
1440	NEW	ME	Orono	U4	13276	664		160293 N 44 49 51	W 68 43 10
1440	NEW	MP	Garapah-Saipan	U1	250	250		161101 N 15 11 16	W145 44 36
1440	WJLJ	NY	West Seneca	U4	5000	1000		39517 N 42 49 11	W 78 42 4
<b>(Niagara Falls)</b>									
1440	NEW	VA	Hamilton	U4	500	1200		161123 N 39 8 29	W 77 41 5
1450	NEW	AK	Unalaska	U1	1000	1000		160189 N 53 54 3	W166 32 25
1450	NEW	AL	Atmore	U1	250	250		161552 N 31 1 24	W 87 29 37
1450	KENA	AR	Fort Smith	U1	1000	1000		50773 N 35 23 30	W 94 19 54
<b>(Mena)</b>									
1450	NEW	AR	Mulberry	U1	250	250		160724 N 35 29 17	W 93 58 22
1450	NEW	AZ	Cameron	U1	250	250		160445 N 35 53 0	W111 25 0
1450	NEW	CA	Catalina	U1	250	250		160737 N 33 19 30	W118 23 16
1450	NEW	CA	Helendale	U1	250	250		160413 N 34 44 5	W117 19 33
1450	NEW	CA	Tehachapi	U1	250	250		160975 N 35 7 56	W118 26 53
1450	NEW	CO	Cortez	U1	250	250	250	160936 N 37 20 56	W108 35 0
1450	NEW	CO	Craig	U1	250	250		160443 N 40 31 30	W107 34 0
1450	NEW	CO	Durango	U1	250	250		160660 N 37 16 45	W107 52 15
1450	NEW	CO	Eads	U1	250	250		160442 N 38 33 0	W102 48 0
1450	NEW	CO	Glenwood Springs	U1	180	180		160505 N 39 33 10	W107 19 48
1450	NEW	CO	Vail	U1	250	250		160541 N 39 38 19	W106 21 24
1450	NEW	FL	Lake City	U1	250	250		160813 N 30 10 44	W 82 37 26
1450	NEW	FL	Panama City Beach	U1	250	250		161540 N 30 10 35	W 85 48 20
1450	NEW	GA	Brooklet	U1	1000	1000		160429 N 32 23 22	W 81 41 39
1450	NEW	GA	Brooklet	U1	250	250		161254 N 32 23 30	W 81 42 29
1450	NEW	GA	Glennville	U1	400	400		160649 N 31 58 23	W 81 57 28
1450	NEW	GA	Statesboro	U1	250	250		160666 N 32 26 4	W 81 48 1
1450	NEW	HI	Hilo	U1	250	250		160738 N 19 51 2	W155 5 7
1450	KIOV	ID	Notus	U1	1000	1000		42649 N 43 48 25	W116 44 48
<b>(Payette)</b>									
1450	WCDS	KY	Plum Springs	U1	1000	1000		70869 N 37 0 40	W 86 25 23
<b>(Glasgow)</b>									
1450	NEW	KY	South Shore	U1	1000	1000		161126 N 38 43 45	W 82 56 45
1450	WOL	MD	Forest Heights	U1	390	390		54713 N 38 48 53	W 77 0 51
<b>(Washington, DC)</b>									
1450	NEW	MS	Jackson	U1	1000	1000		161445 N 32 18 3	W 90 8 12
1450	NEW	MT	Whitefish	U1	420	420		160	

Freq	Call	St	City	Power			CH	Fac #	Coordinates
				Ant	Day	Night			
Change Data (from)									
1450	NEW TX	Iola	U1	250	250	160625	N 30 46 18	W 96 4 29	
1450	NEW TX	Kermit	U1	1000	1000	160929	N 31 51 28	W103 6 17	
1450	NEW UT	Vernal	U1	1000	1000	160363	N 40 25 21	W109 34 58	
1450	NEW VA	Charlottesville	U1	680	680	161156	N 38 1 49	W 78 29 22	
1450	NEW WA	Waterville	U1	250	250	160777	N 47 40 24	W120 2 56	
1450	NEW WA	Wenatchee	U1	250	250	160727	N 47 26 56	W120 18 7	
1450	NEW WI	Cumberland	U1	250	250	161494	N 45 31 50	W 91 57 7	
1450	NEW WV	Cedar Grove	U1	250	250	161382	N 38 10 22	W 81 26 6	
1450	NEW WV	Dunbar	U1	1000	1000	160706	N 38 22 14	W 81 42 47	
1450	NEW WV	Dunbar	U1	1000	1000	160953	N 38 22 19	W 81 43 15	
1450	NEW WV	Edmond	U1	1000	1000	160433	N 38 3 23	W 80 59 49	
1450	NEW WV	Madison	U1	1000	1000	160827	N 38 4 6	W 81 49 8	
1450	NEW WY	Jackson	U1	1000	1000	160983	N 43 30 22	W110 45 16	
1460	NEW AZ	Stanfield	U4	2000	1200	160515	N 32 58 52	W111 43 16	
1460	NEW AZ	Wintersburg	U4	250	250	160332	N 33 26 49	W112 54 37	
1460	NEW FL	Golden Gate	U4	850	370	160167	N 26 12 7	W 81 36 4	
1460	WDOG GA	Barnwell	U1	320	45	24621	N 33 13 25	W 81 21 35	
(Allendale, SC)									
1460	NEW WI	Shawano	U4	1500	550	160286	N 44 46 50	W 88 37 52	
1470	NEW AK	Anchorage	U1	10000	10000	160906	N 61 12 25	W149 55 20	
1470	NEW AK	Soldatna	U1	1000	1000	161029	N 60 34 7	W151 7 57	
1470	NEW AL	Alexander City	U2	250	250	160407	N 32 57 3	W 85 59 7	
1470	NEW CA	Coalinga	U4	400	400	160518	N 36 8 40	W120 20 13	
1470	NEW CA	Coalinga	U4	250	250	160400	N 36 8 40	W120 20 10	
1470	NEW CA	Huron	U4	1200	400	160557	N 36 15 0	W120 3 1	
1470	NEW FL	Gainesville	U4	1000	1000	160468	N 29 42 43	W 82 18 56	
1470	WBIT GA	Tifton	U2	5000	250	72785	N 31 28 16	W 83 29 12	
(Adel)									
1470	WCFJ IL	Dolton	U4	1000	1000	37246	N 41 25 29	W 87 38 27	
(Chicago Heights)									
1470	WAZN MA	Watertown	U4	1400	3400	70523	N 42 24 49	W 71 12 40	
(Marlborough)									
1470	NEW NM	Los Lunas	U1	5000	1000	161394	N 34 35 14	W106 44 13	
1470	NEW NM	Taos	U1	250	250	161258	N 36 25 20	W105 34 35	
1470	WLQR OH	Walbridge	U4	1000	750	65958	N 41 33 44	W 83 33 45	
(Toledo)									
1480	NEW CO	Julesburg	U2	1000	250	160241	N 40 59 18	W102 15 50	
1480	WKGC FL	Panama City Beach	U1	5000	74	25564	N 30 17 45	W 85 39 42	
(U1 500/87)									
1480	WSPY IL	Millbrook	U4	500	250	69700	N 41 34 59	W 88 36 5	
(Geneva)									
1480	WSDS MI	Plymouth	U4	750	3800	35335	N 42 15 42	W 83 37 10	
(Salem Township)									
1480	NEW PA	North East	U4	1000	250	161065	N 42 12 5	W 79 51 43	
1480	NEW TX	San Angelo	U4	1000	500	160909	N 31 29 21	W100 24 10	
1480	NEW TX	Wink	U2	1000	500	160932	N 31 45 20	W103 8 40	
1480	NEW VA	Glen Allen	U4	6300	1500	160250	N 37 40 56	W 77 33 49	
1480	NEW WI	Monona	U4	2700	2700	161066	N 43 1 30	W 89 23 48	
(WLMV-Madison)									
1490	NEW AK	College	U1	1000	1000	160935	N 64 51 31	W147 48 16	
1490	NEW AK	Delta Junction	U1	1000	1000	160432	N 64 3 46	W145 43 6	
1490	NEW AK	Fairbanks	U1	1000	1000	161034	N 64 49 1	W147 44 54	
1490	NEW AK	Homer	U1	5000	5000	160854	N 59 41 3	W151 37 51	
1490	NEW AL	Fayette	U1	1000	1000	160978	N 33 41 15	W 87 49 15	
1490	NEW AL	Newtonville	U1	250	250	160989	N 33 30 45	W 87 47 25	
1490	NEW CA	Alturas	U1	250	250	160424	N 41 29 14	W120 32 29	
1490	NEW CA	Bishop	U1	250	250	160762	N 37 24 14	W118 30 11	
1490	NEW CA	China Lake	U1	250	250	160663	N 35 39 22	W117 37 49	
1490	NEW CA	Lemon Grove	U1	1000	1000	160821	N 32 44 27	W117 2 4	
1490	NEW CA	Susanville	U1	1000	1000	160277	N 40 25 22	W120 37 15	
1490	NEW CO	Cardiff	U1	250	250	160763	N 39 32 58	W107 20 56	
1490	NEW CO	Del Norte	U1	250	250	160317	N 37 40 20	W106 21 12	
1490	NEW CO	Kirk	U1	250	250	160315	N 39 36 48	W102 35 28	
1490	NEW CO	Yuma	U1	250	250	161057	N 40 7 20	W102 45 29	
1490	NEW CT	Torrington	U1	250	250	161006	N 41 47 30	W 73 9 0	
1490	NEW CT	Uncasville	U1	250	250	161009	N 41 26 0	W 72 6 30	
1490	NEW FL	Hernando	U1	1000	1000	161048	N 28 55 21	W 82 22 21	
1490	WEAG FL	Kincaid Hills	U5	1000	1000	16907	N 29 36 50	W 82 15 15	
(Starke)									
1490	NEW GA	Elberton	U1	1000	1000	160274	N 34 6 45	W 82 52 52	

Freq	Call	St	City	Power			CH	Fac #	Coordinates
				Ant	Day	Night			
Change Data (from)									
1490	NEW ID	Dalton Gardens	U1	1000	1000	160782	N 47 41 54	W116 44 11	
1490	NEW ID	Rathdrum	U1	250	250	160779	N 47 47 52	W116 52 57	
1490	KEUN IA	Pineville	U1	1000	1000	67746	N 31 18 25	W 92 25 55	
(Eunice)									
1490	NEW MI	Houghton	U1	1000	1000	160671	N 47 5 44	W 88 37 56	
1490	NEW MI	Ironwood	U1	250	250	160673	N 46 27 22	W 90 9 4	
1490	NEW MN	International Falls	U1	1000	1000	160676	N 48 35 52	W 93 23 59	
1490	NEW MS	Columbus	U1	250	250	161050	N 33 28 58	W 88 24 14	
1490	NEW MS	Ellisville	U1	250	250	160861	N 31 38 17	W 89 11 22	
1490	NEW MT	Bozeman	U1	250	250	160695	N 45 40 59	W111 1 10	
1490	NEW MT	Bozeman	-	1000	1000	161553	N 45 40 54	W111 2 18	
1490	NEW MT	Lolo	U1	250	250	161518	N 46 45 23	W114 3 47	
1490	NEW MT	Malmstrom AFB	U1	1000	570	161342	N 47 28 38	W111 17 17	
1490	NEW MT	Missoula	U1	1000	1000	160710	N 46 51 54	W113 58 50	
1490	NEW MT	Orchard Homes	U1	1000	1000	160931	N 46 57 57	W114 4 57	
1490	NEW MT	Whitefish	U1	990	990	160440	N 48 23 44	W114 19 40	
1490	NEW NC	Woodfin	U1	1000	1000	161170	N 35 36 19	W 82 35 31	
1490	NEW NC	Woodfin	U1	250	250	161094	N 35 38 31	W 82 34 55	
1490	NEW ND	Williston	U1	250	250	160712	N 48 8 11	W103 39 30	
1490	NEW NH	Berlin	U1	1000	1000	160163	N 44 29 1	W 71 10 34	
1490	NEW NM	Flora Vista	U1	250	250	160760	N 36 51 5	W108 1 42	
1490	NEW NM	Gallup	U1	1000	1000	160389	N 35 29 56	W108 44 29	
1490	KRSN NM	Santa Fe	U1	1000	1000	12810	N 35 40 41	W105 59 26	
(Los Alamos)									
1490	NEW NM	Vanderwagen	U1	250	250	160316	N 35 15 45	W108 46 6	
1490	NEW NV	Hawthorne	U1	250	250	160391	N 38 30 9	W118 39 16	
1490	NEW NV	Lovelock	U1	250	250	160759	N 40 9 38	W118 28 42	
1490	NEW NV	Lovelock	U1	250	250	160427	N 40 10 46	W118 28 21	
1490	NEW NV	Spring Creek	U1	250	250	160758	N 40 46 55	W115 41 56	
1490	NEW OR	Bend	U1	250	250	160761	N 44 3 40	W121 13 2	
1490	NEW OR	Deschutes River	U1	1000	1000	160913	N 44 0 30	W121 18 55	
1490	NEW OR	Madras	U1	500	500	161067	N 44 37 23	W121 6 40	
1490	NEW PA	Du Bois	U1	1000	1000	160304	N 41 8 31	W 78 48 7	
1490	NEW PA	Lemont	U1	1000	1000	160797	N 40 48 31	W 77 49 42	
1490	NEW PA	State College	U1	1000	250	160942	N 40 47 36	W 77 51 40	
1490	NEW PA	State College	U1	250	250	160721	N 40 48 0	W 77 50 20	
1490	NEW SC	Cameron	U1	1000	1000	160804	N 33 32 48	W 80 44 20	
1490	NEW SD	Pierre	U1	1000	1000	160361	N 44 25 54	W100 30 49	
1490	NEW TX	Alpine	U1	1000	1000	160937	N 30 22 38	W103 43 56	
1490	NEW TX	Marathon	U1	250	250	160603	N 30 12 18	W104 14 39	
1490	NEW UT	Richfield	U1	250	2580	160318	N 38 47 6	W112 4 52	
1490	NEW UT	Santa Clara	U1	1000	1000	160278	N 37 8 18	W113 35 37	
1490	NEW UT	Spanish Valley	U1	1000	1000	160408	N 38 28 4	W109 26 18	
1490	NEW VA	Augusta Springs	U1	250	250	161407	N 38 6 47	W 79 16 27	
1490	NEW VA	Jolivet	U1	1000	1000	160916	N 38 8 30	W 79 2 33	
1490	NEW VA	Plunketsville	U1	250	250	160725	N 38 9 40	W 79 3 27	
1490	NEW WY	Casper	U1	250	250	161513	N 42 50 38	W106 26 41	
1490	NEW WY	Casper	U1	250	250	160730	N 42 51 35	W106 22 25	
1490	NEW WY	Jackson	U1	250	250	161525	N 43 30 41	W110 42 50	
1500	NEW CA	Culver City	U4	50000	4300	160466	N 34 1 47	W118 5 58	
1500	NEW CA	Culver City	U4	25000	1000	161348	N 34 4 11	W118 11 36	
1500	NEW CA	Venice	U4	500	500	161454	N 34 1 54	W117 56 6	
1500	NEW FL	Palm Springs	U4	250	300	160868	N 26 38 28	W 80 5 8	
1500	NEW FL	Taft	U2	250	700	160992	N 28 24 48	W 81 23 32	
1500	NEW FL	Union Park	U1	1000	213	161554	N 28 34 8	W 81 12 53	
1500	NEW SC	Murrells Inlet	U1	1000	250	161298	N 33 33 3	W 79 2 29	
1500	NEW TX	San Angelo	U4	700	250	160385	N 31 29 55	W100 24 18	
1500	NEW WA	Oakville	U4	500	250	160876	N 46 51 0	W123 14 0	
1510	KCUV CO	Englewood	U4	10000	1300	52249	N 39 33 8	W105 2 0	
(Littleton)									
1510	NEW NV	Las Vegas	U1	250	250	160837	N 36 10 20	W115 9 41	
1510	WSQD PR	San German	U4	1000	1000	53629	N 18 2 11	W 67 4 58	
(Lajas)									
1510	KSTV TX	Granbury	D3	250		9746	N 32 22 40	W 97 45 30	
(Stephenville)									
1520	NEW AL	Fultondale	U4	5000	250	160733	N 33 38 60	W 86 47 15	
1520	NEW AL	Holt	U7	2000	600	161441	N 33 15 17	W 87 29 0	
1520	NEW AL	Tanner	U2	7500	220	161002	N 34 43 58	W 86 57 51	
1520	NEW CA	Moreno Valley	U1	250	250	160840	N 33 56 18	W117 13 45	
1520	NEW GA	Savannah	U4	50000	1100	160235	N 32 5 26	W 81 8 55	

Freq	Call	St	City	Power			CH	Fac #	Coordinates
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<b>Change Data (from)</b>									
1520	NEW	HI	Honokaa	U1	250	250	250	161076 N 20 4 58	W155 28 21
1520	NEW	HI	Kahului	U1	5000	5000		161088 N 20 53 23	W156 28 28
1520	NEW	NV	Las Vegas	U1	250	250		160839 N 36 10 20	W115 9 41
1520	NEW	NV	Reno	U4	2000	250		161361 N 39 34 39	W119 50 52
1520	KYND	TX	Jersey Village	U7	3000	260	2600	40696 N 30 0 37	W 95 41 40
<b>(Cypress)</b>									
1520	NEW	WA	Arlington	U1	3000	500		161530 N 48 13 57	W122 6 32
1520	NEW	WA	Clearview	U4	2737	456		160384 N 47 51 0	W122 0 44
1520	NEW	WA	Everett	U2	50000	10000		160886 N 47 52 30	W122 4 49
1520	NEW	WA	Freeland	U4	1000	250		160396 N 48 0 6	W122 31 15
1520	NEW	WA	Marysville	U2	50000	10000		160884 N 48 1 46	W122 11 5
1520	NEW	WA	Monroe	U2	50000	10000		160889 N 47 51 19	W121 56 6
1520	NEW	WA	Mount Vernon	U2	50000	10000		160789 N 48 23 38	W122 20 21
1520	NEW	WA	Oak Harbor	U2	50000	10000		160853 N 48 17 20	W122 38 36
1520	NEW	WA	Port Angeles	U2	50000	10000		160898 N 48 6 55	W123 24 3
1520	NEW	WA	Sequim	U4	50000	20000		161458 N 48 3 50	W123 5 9
1520	NEW	WA	Snohomish	U2	50000	10000		160891 N 47 52 30	W122 4 49
1520	NEW	WI	Howard	U4	350	1750		161042 N 44 28 47	W 88 5 17
1530	NEW	GU	Agana	U1	250	250		160742 N 13 27 27	W144 42 12
1530	KPCR	IL	Quincy	U1	2000	3	300	52576 N 39 53 55	W 91 24 16
<b>(Bowling Green, MO)</b>									
1530	NEW	ME	Orono	U7	50000	600	50000	161418 N 44 50 39	W 68 40 54
1530	KSMM	MN	Hopkins	U4	9000	900		49307 N 44 52 35	W 93 25 8
<b>(Shakopee)</b>									
1530	NEW	MS	Petal	U2	3000	250	3000	161480 N 31 18 50	W 89 13 50
1530	NEW	MT	Billings	U2	3500	750	3500	161253 N 45 41 32	W108 32 23
1530	WNYG	NJ	Elizabeth	D1	1500		450	5208 N 40 42 32	W 74 14 31
<b>(1440-Babylon, NY)</b>									
1530	NEW	NM	Aqua Fria	U2	18000	570	18000	161486 N 35 36 0	W105 58 20
1530	KBMV	NV	Las Vegas	D1	5000		5000	29622 N 36 6 0	W115 15 0
<b>(1310-Birch Tree, MO)</b>									
1530	WBSL	NV	Laughlin	D1	250			25961 N 35 8 30	W114 37 7
<b>(1190-Bay St. Louis, MS)</b>									
1530	NEW	UT	Mantua	U2	50000	400	50000	161450 N 41 33 30	W112 0 13
1530	NEW	WY	Casper	U1	250	250		160507 N 42 51 56	W106 18 42
1540	NEW	AK	Anchorage	U1	50000	50000		161455 N 61 9 39	W149 47 52
1540	NEW	AL	Kirby	U4	4530	250		160338 N 32 29 22	W 86 10 55
1540	NEW	AL	Union Springs	U2	5000	250		160358 N 32 7 41	W 85 44 31
1540	NEW	FL	Baum	U4	7249	250		160397 N 30 31 58	W 84 11 40
1540	NEW	FL	Southchase	U4	5000	300		161190 N 28 23 53	W 81 21 36
1540	NEW	FL	Tangelo Park	U4	1424	250		160347 N 28 25 7	W 81 29 8
1540	NEW	GA	Rincon	U4	5000	250		161545 N 32 15 34	W 81 16 39
1540	NEW	ID	Middleton	—	50000	1000	50000	160802 N 43 40 20	W116 28 41
1540	NEW	NV	Enterprise	U4	30000	400		160781 N 35 59 1	W115 11 28
1540	NEW	NV	North Las Vegas	U2	9000		250	160542 N 36 16 47	W115 8 10
1540	NEW	NV	North Las Vegas	U4	250	250		161548 N 36 11 20	W115 8 40
1540	NEW	NV	Spring Valley	U4	4531	453		160405 N 36 19 10	W115 13 23
1540	NEW	OR	Coburg	U2	22000	800	22000	161275 N 44 8 3	W123 3 6
1540	NEW	OR	White City	U2	5000	1000		161105 N 42 25 55	W122 52 11
1540	WNWR	PA	Bala Cynwyd	D3	50000			1027 N 40 2 46	W 75 14 15
<b>(Philadelphia)</b>									
1540	NEW	TX	Odessa	U4	4531	453		160344 N 31 57 22	W102 15 53
1540	NEW	TX	San Angelo	U2	5000	230		160555 N 31 26 20	W100 29 41
1540	WAMI	UT	Kanab	D1	250		250	66212 N 37 2 8	W112 31 52
<b>(Opp, AL)</b>									
1540	NEW	WY	Orchard Valley	U1	1000	250		160503 N 41 5 45	W104 48 48
1550	NEW	AL	Satsuma	U4	10000	500		161013 N 30 44 41	W 88 10 17
1550	NEW	AR	Sherwood	U2	10000	750		161270 N 34 48 32	W 92 11 59
1550	KYCY	CA	Campbell	U4	12000	16000		25458 N 37 18 41	W121 48 58
<b>(San Francisco)</b>									
1550	NEW	CO	Brighton	U4	10000	250		160624 N 39 57 45	W104 47 40
1550	NEW	CO	Englewood	U4	50000	1000		161338 N 39 32 20	W104 55 15
1550	NEW	CO	Golden	U7	50000	4800	19000	161420 N 39 29 39	W105 12 18
1550	NEW	CO	Golden	U2	5000	250		161314 N 39 43 46	W105 14 8
1550	NEW	CO	Limon	U2	7000	250		160801 N 39 12 51	W103 38 53
1550	NEW	CO	Parker	U4	50000	330		160508 N 39 29 19	W104 45 26
1550	NEW	CO	Pueblo	U4	1000	320		160655 N 38 21 34	W104 39 31
1550	NEW	ID	Ustick	U4	5000	400		160295 N 43 32 12	W116 14 57
1550	NEW	LA	Blanchard	U4	2500	1000		160785 N 32 37 0	W 93 55 0
1550	NEW	LA	Red Chute	U4	13000	500		161237 N 32 33 38	W 93 36 23

Freq	Call	St	City	Power			CH	Fac #	Coordinates
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<b>Change Data (from)</b>									
1550	NEW	MA	Nantucket	U1	1000	250		161302 N 41 16 59	W 70 5 59
1550	NEW	MS	Byhalia	U7	1000	140	1000	160563 N 34 53 44	W 89 41 38
1550	NEW	MS	Calhoun City	U2	250	250		161472 N 33 51 19	W 89 18 41
1550	NEW	ND	Casselton	U4	10000	5000		160765 N 46 43 5	W 96 48 5
1550	NEW	NM	Mesilla	U2	6000	1000		160211 N 32 21 39	W106 44 56
1550	NEW	NV	Arden	U4	2500	250		160258 N 36 1 9	W115 13 56
1550	NEW	NV	Carson City	U4	10000	1000		161331 N 39 8 4	W119 46 12
1550	NEW	NV	East Las Vegas	U4	1000	500		161301 N 35 49 59	W114 53 57
1550	NEW	NV	Whitney	U2	1900	250		160683 N 36 4 47	W115 2 10
1550	NEW	OR	Merlin	U4	5000	1000		161330 N 42 29 0	W123 19 16
1550	WURP	PA	Reserve Township	U4	4000	32		68903 N 40 29 27	W 79 58 55
<b>(Braddock)</b>									
1550	NEW	SD	Rapid City	U2	10000	1000		161248 N 44 2 13	W103 13 53
1550	NEW	TN	Germantown	U4	2000	250		161080 N 35 6 36	W 89 45 46
1550	KWBC	TX	College Station	U2	1300	900		40912 N 30 37 15	W 96 15 16
<b>(Navasota)</b>									
1550	NEW	TX	Midland	U4	10000	250		160567 N 32 1 19	W102 10 3
1550	NEW	WA	Highland	U4	3634	250		160381 N 47 38 54	W117 33 12
1550	NEW	WA	Trentwood	U2	50000	1000		161333 N 47 40 55	W117 11 36
1550	NEW	WY	Fox Farm-College	U2	10000	1000		160770 N 41 5 18	W104 46 30
1560	NEW	CA	Cathedral City	U4	5000	5000		161336 N 33 49 23	W116 33 50
1560	NEW	GA	Greenville	U2	250	250	250	160799 N 33 1 43	W 84 42 47
1560	NEW	LA	Richwood	U7	10000	640	10000	161268 N 32 32 55	W 92 8 11
1560	NEW	MN	Arnold	U2	50000	5000		161309 N 46 38 0	W 92 5 0
1560	WTOD	OH	Northwood	D3	1500			22672 N 41 40 5	W 83 27 11
<b>(Toledo)</b>									
1560	NEW	TX	Odessa	U4	2250	250		160337 N 31 47 35	W102 22 40
1560	NEW	TX	Wolforth	U4	500	250		161573 N 33 25 54	W102 2 26
1560	NEW	WI	Plover	U2	950	520		161414 N 44 26 40	W 89 31 35
1560	NEW	WI	Superior	U4	1000	250		160722 N 46 36 59	W 92 5 2
1560	NEW	WY	Mills	U2	50000	500	50000	161251 N 42 48 34	W106 19 7
1570	NEW	FL	Pensacola	U1	1000	1000		161474 N 30 25 45	W 87 15 0
1570	NEW	MI	Acme	U4	1700	250		160800 N 44 46 5	W 85 30 0
1570	NEW	NM	Santa fe	U2	1000	250		161543 N 35 40 58	W105 58 23
1570	KMUR	OK	Catoosa	D3	750			59978 N 36 15 52	W 95 42 34
<b>(Pryor)</b>									
1570	NEW	OR	Harbeck-Fruitdale	U2	5000	1000		161061 N 42 24 51	W123 18 42
1570	KTAT	TX	Smyer	D1	500			67312 N 33 35 22	W102 15 4
<b>(Frederick, OK)</b>									
1570	NEW	UT	Richmond	U7	2500	250	2500	161482 N 41 52 55	W111 49 33
1570	NEW	VA	Etrick	U2	10000	850		161376 N 37 15 0	W 77 26 59
1570	NEW	VA	Powhatan	U2	10000	600		161075 N 37 33 0	W 77 56 30
1570	NEW	WA	Millwood	U2	30000	2200		161257 N 47 37 59	W122 16 55
1570	NEW	WV	Elizabeth	U2	1000	220		160661 N 39 3 48	W 81 23 43
1580	NEW	CA	Anderson	U2	35000	3700		161496 N 40 31 45	W122 17 20
1580	NEW	CA	Cutten	U2	50000	1000		161337 N 40 46 49	W124 7 13
1580	NEW	CA	Mount Shasta City	U1	1000	250		160991 N 42 18 11	W122 18 26
1580	NEW	CA	Red Bluff	U1	370	330		160195 N 40 11 50	W122 12 19
1580	NEW	CA	Redding	U1	1000	1000		161443 N 40 33 0	W122 23 0
1580	NEW	CA	Shasta Lake City	U2	250	250		160	

Freq	Call	St	City	Power			CH	Fac #	Coordinates
				Ant	Day	Night			
<b>Change Data (from)</b>									
1580	NEW	UT	Washington	U1	280	250		161566	N 37 6 45 W113 29 50
1580	NEW	WA	College Place	U2	5000	1000		160331	N 46 4 3 W118 24 8
1580	NEW	WA	Meade	U2	1000	1000		160471	N 47 46 34 W117 21 4
1580	NEW	WA	Veradale	U2	50000	15000		160281	N 47 35 27 W117 10 45
1580	WTTN	WI	Columbus	D1	470		470	71092	N 43 20 4 W 89 9 57
<b>(Watertown)</b>									
1590	NEW	AL	Opp	U4	500	240		160626	N 31 18 0 W 86 13 45
1590	NEW	ID	Boise	U2	10000	2500		160667	N 43 36 39 W116 18 30
1590	NEW	ID	Garden City	U2	50000	1000		161292	N 43 35 5 W116 25 7
1590	NEW	ID	Kuna	U2	1000	250		161446	N 43 29 42 W116 26 43
1590	NEW	ID	Oldtown	U2	5000	1000		160197	N 48 10 37 W117 1 49
1590	NEW	ID	Star	U2	50000	450		161114	N 43 42 43 W116 34 50
1590	WONX	IL	Carol Stream	U4	20000	5000		35447	N 41 47 47 W 88 16 3
<b>(Evanston)</b>									
1590	NEW	MI	Big Rapids	U4	1000	250		160343	N 43 40 35 W 85 28 42
1590	NEW	NV	Paradise	U4	50000	1100		161417	N 36 2 33 W115 14 13
1590	NEW	NV	Sandy Valley	U2	250	250		160952	N 35 48 16 W115 36 7
1590	NEW	PA	Kearsarge	U4	500	500		160644	N 42 2 21 W 80 5 28
1590	KEAS	TX	Carlsbad	D1	1000			70621	N 31 29 22 W100 29 20
<b>(Eastland)</b>									
1590	NEW	TX	Kerrville	U2	1000	250		160963	N 30 4 51 W 99 6 32
1590	NEW	VT	Essex Junction	U2	50000	320		161401	N 44 28 30 W 73 7 30
1590	NEW	VT	Winooski	U2	10000	500		161328	N 44 29 2 W 73 11 7
1590	WTRW	WI	Denmark	U4	10000	1000		74127	N 44 18 56 W 87 47 15
<b>(Two Rivers)</b>									
1590	NEW	WY	Cheyenne	U2	1000	500		161318	N 41 9 37 W104 42 8
1600	NEW	AL	Huntsville	U1	250	250		160834	N 34 45 32 W 86 38 35
1600	NEW	AZ	Pinetop	U1	1000	250		161121	N 34 7 32 W109 56 12
1600	NEW	CA	Lemon Grove	U1	250	250		160822	N 32 44 27 W117 2 4
1600	KMNY	CA	Yorba Linda	U4	10000	20000		61814	N 33 55 43 W117 36 57
<b>(Pomona)</b>									
1600	WOKB	FL	Ocoee	D3	4000			55006	N 28 34 6 W 81 31 9
<b>(Winter Garden)</b>									
1600	NEW	GA	Warner Robins	U2	1000	250	250	160843	N 32 37 15 W 83 35 57
1600	NEW	HI	Hilo	U1	5000	5000		161081	N 19 43 51 W155 5 18
1600	NEW	ID	Island Park	U1	1000	250		161221	N 44 25 28 W111 22 12
1600	NEW	ID	Ketchum	U1	1000	250		161223	N 43 40 50 W114 21 45
1600	NEW	ID	Sun Valley	U1	1000	250		161148	N 43 41 50 W114 21 2
1600	NEW	ID	Sun Valley	U1	5000	250		161460	N 43 41 48 W114 21 0
1600	WRSL	KY	Corbin	D1	1000			37559	N 37 1 1 W 84 6 1
<b>(1520-Stanford)</b>									
1600	NEW	MI	Ada	U1	250	250		160835	N 42 57 17 W 85 28 53
1600	NEW	MI	Boyer Falls	U1	1000	250		161212	N 45 10 5 W 84 54 58
1600	NEW	MI	Elk Rapids	U1	1000	250		161216	N 44 53 44 W 85 24 59
1600	NEW	MI	Harbor Springs	U1	1000	250		161231	N 45 25 54 W 84 59 30
1600	NEW	MI	Mancelona	U1	1000	250		161214	N 44 54 7 W 85 3 39
1600	WAAM	MI	Oak Park	U4	15000	15000		72276	N 42 14 15 W 83 9 33
<b>(Ann Arbor)</b>									
1600	NEW	MO	Eminence	U1	1000	250		161210	N 37 9 1 W 91 21 26
1600	NEW	MT	Billings	U1	1000	250		161142	N 45 46 57 W108 30 12
1600	NEW	MT	Butte	U1	1000	250		161145	N 46 0 13 W112 32 2
1600	NEW	MT	Ennis	U1	1000	250		161219	N 45 20 55 W111 43 44
1600	NEW	MT	Helena	U1	1000	250		161140	N 46 35 33 W112 2 7
1600	NEW	MT	Whitehall	U1	1000	250		160497	N 45 53 21 W112 4 51
1600	NEW	NM	Roswell	U1	1000	250		161127	N 33 23 38 W104 31 20
1600	NEW	NM	Ruidoso	U1	1000	250		161125	N 33 19 53 W105 40 21
1600	NEW	OR	Medford	U1	1000	250		161160	N 42 19 36 W122 52 27
1600	NEW	SC	Hilton Head Island	U1	1000	250		161157	N 32 12 57 W 80 45 9
1600	NEW	SC	Southport	U1	1000	250		161218	N 33 55 17 W 78 1 13
1600	NEW	TX	Dalhart	U1	250	250	250	160577	N 36 3 34 W102 30 46
1600	NEW	TX	Larga Vista	U4	250	250		161371	N 27 29 40 W 99 25 30
1600	NEW	UT	Cedar City	U1	1000	250		161224	N 37 40 39 W113 3 40
1600	NEW	UT	St. George	U1	1000	250		161228	N 37 6 15 W113 35 0

Freq	Call	St	City	Power			CH	Fac #	Coordinates
				Ant	Day	Night			
<b>Change Data (from)</b>									
1600	NEW	VA	Charlottesville	U2	5000	400		161265	N 38 4 22 W 78 31 14
1600	NEW	VA	Halifax	U2	3500	250		160798	N 36 47 48 W 78 58 21
1600	NEW	WA	Spokane	U2	1000	300		161500	N 47 41 38 W117 33 18
1600	NEW	WA	West Richland	U2	44000	350		161255	N 46 17 34 W119 26 48

1600	NEW	WI	South Superior	U4	2000	1600	NEW	WY	Casper	U1	1000
250	161527	N	46	39	8	250	161152	N	42	51	1000
W 92	5	7				W106	18	45		51	59

## WWVA could be Ohio bound

### Jamboree station a Wheeling fixture for 77 years

by Karin Fischer  
from the *Charleston (WV) Daily Mail*  
via Jim Wallace  
WASHINGTON - Media giant Clear Channel has applied to move the massive transmitting power of Wheeling's WWVA, home to one of West Virginia's best known exports, Jamboree USA, more than 130 miles to Stow, Ohio.

A Clear Channel spokesman said the company is committed to keeping both WWVA's call letters and news-talk format in Wheeling.

But if the move is approved by the Federal Communications Commission, it's unlikely the new WWVA would match its current frequency, which can be heard from Florida to Nova Scotia.

"Truck drivers used to listen to it all over," said veteran television and radio broadcaster Ed Rabel, who tuned into the 50,000-kilowatt WWVA growing up in the Kanawha Valley. "It's such an identifiable symbol of the state to so many people."

The application to move WWVA's frequency to Stow, outside Akron, was one of nearly 1,100 applications submitted to the Federal Communications Commission in late January during a weeklong filing window for "major changes" to AM stations.

There had been a freeze on filings for more than three years, said Robert Unmacht of In3 Partners, a media consulting firm in Nashville. It could take months, or perhaps even years, for the commission to work through all the applications.

Unmacht said efforts to move stations across state lines were not common, but not unheard of.

Scott Miller, WWVA's general manager, said Clear Channel is committed to preserving WWVA's programming in Wheeling, including Jamboree USA. He said the WWVA call letters will remain in Wheeling.

Clear Channel owns six other stations in the Northern Panhandle, and speculation on Internet discussion groups Tuesday was that WWVA's format could move to a lower watt sibling.

The station currently is dubbed "The Big One" for its broadcasting heft. Few stations in the country can match its signal strength.

Miller said he could not comment on plans for the station in Stow. Officials at Clear Channel's headquarters in Texas did not immediately return

calls for comment.

The station's signal likely would reach both Cleveland and Akron. Cleveland is the nation's 25th largest market, while Akron is rated No. 129. Wheeling is No. 239.

"It's pretty much a financial decision," said Marshall University journalism professor and student radio adviser Chuck Bailey. "I think they're looking to maximize their financial investment, and they can make a lot more money in Cleveland than in the Northern Panhandle of West Virginia."

WWVA, which went on the air in December 1926, is West Virginia's oldest station. It is perhaps best known for Jamboree USA, which is second only to the Grand Ole Opry as the nation's oldest country music program.

Randy Worls, longtime director of Wheeling's Oglebay Park and a member of the state Tourism Commission, said the Jamboree attracts busloads of fans for its live Saturday night broadcasts. The Jamboree USA Web site says visitors spend \$10 million to \$15 million annually on hotel rooms, restaurant meals and shopping.

Alan Jackson, Kathy Mattea and Willie Nelson are among the stars who have appeared on Jamboree USA since it began broadcasting on WWVA in January 1933.

"It always has been a stabilizing factor in the tourism base," Worls said.

The application to move WWVA's transmitter is the second recent Clear Channel decision to spark concern in Wheeling. In December, longtime reporter David Demarest quit on the air after the company announced cuts to local news and talk programs.

"The black eye it gives Wheeling is unbelievable," Demarest said. "First, they take away the local programming. Now, they take away the station ..."

"If Wheeling is going to hang onto WWVA, we have to fight it now."

Bailey, the Marshall professor, said, "It sort of hurts, doesn't it, to pick up a pioneering station and say it doesn't need to be here."

"But this is a business decision. This is the bottom line speaking, loud and clear. Sometimes those two things are diametrically opposed."

## Relocation of WWVA Radio would be huge loss for Wheeling

By Jim Wallace - *Charleston Daily Mail* staff

WWVA Radio has done so many things right during more than 77 years on the air that it's espe-

cially sad for those of us who once worked there to see it become a symbol of what's wrong with broadcasting today.

During the seven years in the 1980s and 1990s that I worked there, first as a reporter and then as news director, I always had a feeling of pride in working for a radio legend.

WWVA, which went on the air in 1926, is West Virginia's oldest station. Back in the 1940s, it became the state's strongest station, pumping out a 50,000-watt signal that blanketed the northeastern United States and eastern Canada.

I recall listening to a program from the Canadian Broadcasting Corp. in the 1980s in which a musician recalled growing up in one of Canada's Maritime Provinces and listening to country music from West Virginia on the radio. She didn't have to give the call letters. It couldn't have been anything other than WWVA.

WWVA was West Virginia's electronic ambassador to the world. It was all many outsiders knew of the state. When I worked there, it was quite common each winter to receive a few letters from radio listeners in Finland or other northern European countries reporting their receptions of the station, often with cassette recordings to prove it.

I once interviewed a World War II veteran in Wheeling who recalled picking up the station while flying in a bomber over Germany.

For most of its history, WWVA was identified with country music, largely because it was the home of the Jamboree, a weekly program featuring live performances by country musicians that began in 1933. The only show of its kind that is any older is the Grand Ole Opry from WSM in Nashville.

It was the Jamboree that brought in dozens of busloads of fans lining the streets of downtown Wheeling when I worked there. It was no coincidence that most of them came from Pennsylvania, upstate New York and Canada, because that's where WWVA's signal booms in like a local sta-

tion every night.

As a newscaster, I was also proud that WWVA had a strong news tradition. Each year when I was there, the station typically won several Associated Press awards in both Ohio and West Virginia plus one or more national awards. In 1986, our four-person news team became the smallest staff at that time to win one of the most prestigious awards in broadcasting: the Edward R. Murrow Award for Overall Excellence from the Radio-Television News Directors Association.

But by the early 1990s, corporate management began chipping away at tradition. I left during one round of downsizing. The latest round hit at the end of last year when local talk show hosts were replaced by syndicated programs and the last of the newscasters with whom I had worked were fired or, in the case of David Demarest, resigned on the air.

So now WWVA's owner, Clear Channel, wants to move the station to a suburb of Akron, which would make it just one of many stations competing for an audience in the Cleveland market. The signal would go, but not the proud tradition of service as West Virginia's most recognizable broadcast voice.

WWVA already puts a strong signal into northeastern Ohio. That was nice for my parents who used to tune in from the Cleveland suburb where I grew up to hear me deliver the news from Wheeling each day.

But Ohio's gain in receiving WWVA would be much less than the loss that would be suffered by West Virginia and especially by Wheeling. When I worked there, I could stroll out of the station's Capitol Music Hall home across the street to the flagship store of Stone & Thomas in what still was a lively downtown.

Now Stone & Thomas is gone and so is much of Wheeling's downtown business district. It would be a cruel shame if it also would lose the state's flagship radio station.

**Expiring? Time to renew? Not sure when? Need to call or e-mail someone or join the listserv? Check the back page - it's all right there!**

**The NRC AM Radio Log, 24th Edition,** including cross-referenced listings from 530-1700 khz., is compiled from both listeners' reports and official sources, making it the most accurate listing of U. S. and Canadian AM stations available. Unbound, three-hole punched for standard binders. \$19.95 to U. S. members; \$25.95 to U. S. non-NRC members; to Canadian members, \$23.00 (\$29.00 to non-NRC members). Airmail to members in western Europe (except Italy) and Australia, New Zealand, and Japan: \$29.00. All others contact us for exact prices. Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax).



## Domestic DX Digest

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East: Ginnie Lupi ginnie@nrcdxas.org

PO Box 4014 - Clifton Park, NY 12065-0850

**DX Catches in the U. S. and Canada, with 24-hr. ELT**



(Division line is between East and Central time zones)

### DDXD-West

#### RANDOM STUFF

- ¡Muy gawddangamente, amigos DXistos! Some terrific late season loggings this time, and two new reporters, Craig Barnes, and Mike DeRoo, in the bargain!
- In answer to a couple of questions from newer members via e-mail, "ELT" means Eastern local time, which is now Eastern daylight savings time. Yes, I also think it's weird to force people in the Central, Mountain, and Pacific time zones to convert their loggings into Eastern time, but those are the rules we operate under. If you feel strongly about the issue, drop an e-mail or note to the NRC's board of directors with your opinions. Any change in using ELT in DDXD-W would have to be made by the BoD, not by me.
- As always, your loggings are welcome here. Please follow the item order and format you see below—there's no need to include the year, for example, and please don't stick the station call in the middle or end of your logging! (Editing such loggings eats up a lot of time on this end.) Include all pertinent information—frequency, call, state, city, date and time of reception, and details of your catch. There's no need to be cursory; include enough details to help your fellow NRCers add the station to their totals. And please use ELT for all times, regardless of your local time zone (see comments above).

#### REPORTERS.

- BK-CA** Bob Karchevski, Sunnyvale. Drake R8A, two longwires, MFJ-1026 phaser.
- CB-CO** Craig Barnes, Golden. Drake R8A, Realistic DX398, Wellbrook K9AY, 150 foot longwire, Quantum phaser. (Welcome!)
- DP-HI** Dale Park, Honolulu. Sangean ATS-818CS, Terk AM1000 loop.
- FA-ID** Frank Aden, Boise. Drake R8, Yaesu FRG7, 4-foot box loop, longwires, Quantum phaser.
- JEL-MO** Jefferson E. Lewis, Kansas City. Sony ICF2010, Select-a-Tenna.
- JJR-WI** John J. Rieger, South Milwaukee. Icom R75, GE Superadio III, Kiwa loop, Terk loop, MFJ-959B.
- JW-CO** John Wilkins, Wheat Ridge. Drake R8, 4-foot box loop.
- KR-AZ** Kevin Redding, Mesa. Kenwood R1000, 60-foot wire, Sony ICF2010, Realistic DX398.
- MD-KS** Mike DeRoo, Roeland Park. Sony ICF2010. (Welcome!)
- PG-CO** Patrick Griffith, Westminster. Drake R8, Kiwa loop.
- RA-NV** René Auvroy, Henderson. Grundig Yacht Boy 400, GE P2900A, 2004 Lincoln Town Car radio.
- SA-MB** Shawn Axelrod, Winnipeg. Drake R8, Icom R70, 4-foot loop, Quantum loop, two longwires, MFJ-1026 phaser, etc.
- SP-WI** Sheryl Paszkiewicz, Manitowoc. Sony ICF2010, Select-a-Tenna.
- SS-KS** Steve Sprague, Coffeyville. Realistic DX375, Select-a-Tenna.
- WH-CO** Wayne Heinen, Aurora. Drake R8B, N/S and E/w "flag" antennas, Superphaser II.
- Ed.-NV** Your Editor, Las Vegas. Drake R8B, Sony ICF2010, Quantum loop and phaser.

#### STATION NEWS, LOG UPDATES, ETC.

- 740 KCBS CA San Francisco. 3/31 1255-1305 (10am local time, local 50KW station). Excellent audio (as always) except today a steady tone (approximately every five seconds, it would jump to a different audio frequency, as if the message changed with each jump) was weak but annoying in the background. I shifted to 730 and 750 KHz and heard "frying bacon" noise. On 750, my S-meter showed the signal strength varying slightly as if audio modulated, yet the modulation heard was so bad it was hard to decide if it was truly voice modulated. No sign of KCBS on 720 or 760 kHz, just background noise. Having

- never heard IBOC before, I hesitate to say that's what it was. (BK-CA) Sounds like IBOC to me, Bob. (Ed.-NV)
- 830 KMXE CA Orange. 0747 3/15. Program notes, ads, then final segment of call-in program, all in SS. Legal ID at 0759:55 in SS, did not hear EE; CNN Noticias en Espanol at 0800. Generally fair; ex-KPLS. (JW-CO)
- 1170 KJPN HI Honolulu. 3/29 0717. Running what sounded like a white noise generator, more like a windstorm was coming. (DP-HI) Transmitter problem? (Ed.-NV)
- 1230 KYVA NM Gallup. 3/12 0400. Just above the mud on the tape with a legal ID. Now a return to these calls (ex-KTHR). (WH-CO)
- 1370 KENT HI Pearl City/Honolulu. Has been off since early March. Station had been simulcasting KJPN-1170 (itself relaying KAIM-FM) for a month after being off for a month. No word from station owner Salem Media of Hawaii as to the shutdown. (DP-HI)
- 1470 KUTY CA Palmdale. 3/12 0919. Ad for local concert; "Radio Laser" (pronounced LAH-ser) slogan, then into banda music. New slogan, ex-Radio Unica, still SS. Did not hear call letters, presume still KUTY. (JW-CO)
- 1570 KBRI AR Brinkley. 3/14 0000. Legal ID, poorly heard but definite. Listed as a daytimer, but thanks to their indiscretion, it is a new one here, AR #25. (JW-CO)
- 1640 KFNK OK Enid. 3/11 0759. Legal ID at 0759:53, "Hi, I'm Gary Coleman. You're listening to KFNK Enid - Oklahoma City," then back to All Comedy network programming. Ex-KMMZ. (JW-CO)
- 1700 KVNS TX Brownsville. 3/11 2105. Gal with weather; ID as "NewsTalk 1700 KVNS," program note for Tom Martino, then into "Savage Nation" syndicated pgm; occasional breaks for local inserts, which seemed to be mostly PSAs; legal ID at 2159:53. Ex-KQXX. (JW-CO)

## DX TEST RESULTS

- 1240 KEVA WY Evanston. 3/14 0316. Weak Morse code popping in and out of the mess from the NNE. First logging of KEVA for me. (KR-AZ) 3/14 0314. Hrd DX test w/ slow code almost continuously between 0314 and 0402. Was able to copy "1240 KEVA KEVA KEVA." Readable signal at 0314, 0316, 0325, 0336. The rest of the time it was there but too weak to copy. I found it to be in a very tight spot on my loop. Variance of just a few degrees caused total loss of signal. Dominant station was an unID with a wide variety of C&W oldies from the 60s to the modern era. Distance 328 miles. (PG-CO) 0306 3/14. Very sloooooo Morse Code ID's throughout the hour; no other programming heard, if there was any. Fair/poor in jumble - not as strong as I expected from a neighboring state. Not new here, but semi-rare. (JW-CO) 3/14 0329-0401. Low frequency tone, slow Morse Code heard in jumble of stations (all unidentified). Code message was a loop repeated the entire time I listened. (BK-CA) 3/14 02:00 to 0300, nothing heard under KMHI that sounded like a test. Thought this one might make it. (FA-ID) Are those times correct, Frank? (Ed.-NV) 03/28 0305 Poor signals in a jumble of stations but managed to hear the Morse Code ID's at 0305 and again at 0319. New for me. (SA-MB) 03/14 0313-0400 Fair to poor with looped Morse code ID's. No other details heard. (WH-CO)
- 1500 WTOP DC Washington. 3/14. 0000-0100. Just heard flutter. No luck! (FA-ID) 3/14 1200. No joy on DX test due to powerhouse signal from KSTP and splatter from KCFC/1490 Boulder and KCUV/1510 Littleton each about 15 miles from me. (PG-CO)
- 1550 WXHL MD Elkton. 3/29 0001. Two brief Calls in Morse code under the mess. Confirmed by Dan Oetting via Email. He ran the Code ID's at that time. (WH-CO)
- 860 UNID ?? UNID, HELP REQUESTED, ETC. ??? 3/5 2003. CBS news, followed by mention of Dave Ramsey show coming up; lost to Spanish station (likely XEMO). Which station on this frequency has a Dave Ramsey show? (RA-NV, mobile near Barstow, CA)
- REGULAR DX LOGGINGS (times in ELT)
- 560 CFOS ON Owen Sound. 3/26 0549. Poor w/promo, calls, wx o/UNID nx-talk stn & ESPN outlet (KLZ?) WIND off until 0550. WIND has been off nightly or su-

- per weak on 3/24, 3/25, 3/26. (JJR-WI)
- 560 WEBC MN Duluth. 3/29 0318. Fair w/WIND totally off. "AM 560 WEBC - the Fan" into promos. Rare! (JJR-WI)
- 600 CKAT ON North Bay. 3/20 0517. Fair, "AM 600 CKAT," C&W, jingle, calls. NEW & ON #50 (SP-WI)
- 610 KDAL MN Duluth. 3/19 0741. Good, KIA of Duluth ad, wx, chit chat, local nx, "Weather Eye on KDAL," MN sports, Birthday Club, legal ID 0800. (SP-WI)
- 610 KFRC CA San Francisco. 3/27 0557. Ad mentioning KFRC, jingle "Oldies 99.7 KFRC," song "I'm Into Something Good"; announcement by man mentioning "Oldies 99.7 KFRC," Moody Blues song "Ride My Seesaw"; at 0604 (!) full ID "...99.7 FM and 6-10 AM," jingle "KFRC," into Marvin Gaye song "Ain't No Mountain High Enough." Fair to good, QRM 4QR-612. (DP-HI)
- 610 WIP PA Philadelphia. 3/21 2150. Fair with "Sports Radio WIP," wx, game promo, spots, Sporting News Radio, AP News. Not that common here. (SP-WI)
- 640 KTIB LA Thibodaux. 3/14 1838 w/"640, KTIB," w/6's oldies, mixing w/WWLS. (CB-CO)
- 640 WWLS OK Moore. 3/14 1849 with "WWLS" ID, ad for Chevy dealer in Moore, OK, mixing w/KTIB. (CB-CO)
- 650 KGAB WY Orchard Valley. 3/13 1959. Near local quality signal prior to 1959. Power drop and pattern change at 1959 left them almost unreadable. Barely able to copy TOH ID "six-fifty, KGAB, Orchard Valley - Cheyenne, a Clear Channel Station" on night pattern at 2000. (PG-CO)
- 650 KMTI UT Manti. 3/13 2004. Heard very briefly following KGAB power/pattern change with weather forecast and ad for a local excavation company. (PG-CO)
- 650 WSM TN Nashville. 3/13 2010. Slowly rising up from the background to become dominant on the frequency by 2014 with the Grand Ole Opry. (PG-CO) 3/21 2220 with a PSA and a singing ID and into some old style C&W music with lots of fiddles. Lots of lightning static on this catch, the first time for WSM since they dropped AM stereo! (KR-AZ) The fact that WSM is now a very good DX catch out west shows how much AM DX prospects have declined over the last two decades. (Ed.-NV)
- 660 KTNN AZ Window Rock. 3/14 0700. Poor w/Navajo chanting into legal ID, then info or REL show. No WFAN. (JJR-WI) 3/25 0540. Very good with Navajo & English, C&W music. Gave full ID frequently, even ownership. Just booming in some of the time. I'd say it couldn't have been on regular night pattern. (MD-KS)
- 680 KNBR CA San Francisco. 3/14 0658. Poor w/promo "on KNBR." ESPN format. (JJR-WI)
- 700 KALL UT North Salt Lake. 3/24 0700. "KALL North Salt Lake City your 50,000 watts Newstalk 700" to ABC News. (WH-CO)
- 700 WLW OH Cincinnati. 3/21 2235 running a trucking show/ Trucking Bozo? Clear and under KALL with Tom Leykis. (KR-AZ)
- 710 WDSM WI Superior. 3/25 0741. Poor with talk, local news, "News Talk 710 WDSM," CNN News, calls, weather. NEW. (SP-WI)
- 730 CKDM MB Dauphin. 3/23 0025 with "You're listening to the heartland's greatest music, CKDM," C&W music. (CB-CO)
- 740 CWHO ON Toronto. 3/7 1302. Tentative with "Prime Time 740, Toronto" 50s to 60s NOS music. (CB-CO)
- 760 WJR MI Detroit. 3/7 0030. Under KKZN w/"From the WJR Weather Center." local weather, mention trucking show. (CB-CO)
- 770 WABC NY New York. 3/21 1919 w/NWS/TLK, "Call 1-800-WABC" w/ call in talk show, call from Brooklyn, haven't heard this one in a while. (CB-CO) A good catch west of the Mississippi; congratulations! (Ed.-NV)
- 780 WJAG NE Norfolk. 3/20 0814. Sports, with Univ. of Nebraska results; call ID. Fair, mixing with KAZM. (JW-CO) 3/20 0759 with NWS/TLK, "News you can trust, news you can rely on AM 780, WJAG, Norfolk," local/regional news, ad for local oil company. (CB-CO)
- 790 WAYY WI Eau Claire. 3/7 0204 w/"News/Talk WAYY" & into ESPN sports. (CB-CO) 3/17 0738. Local news, "News Talk 790 WAYY," Chippewa Valley weather, Wisconsin sports, ABC News. Rare. (SP-WI)
- 800 KQCV OK Oklahoma City. 3/10 0955 with religious program "The Wimming Walk" and ID. (SS-KS)

840 WHAS KY Louisville. 3/21 2250 with the Drudge Report with a different hour under KXNT who also had the Drudge Report. (KR-AZ)

850 WRBZ NC Raleigh. 3/23 2324. Fair with spot, PSA from NC DOT, "Sports Radio 850 The Buzz," ESPN Radio talk show. NEW. (SP-WI)

880 KHAC NM Tse Bonito. 3/26 2145-2159. REL Talk show to SRN Nx at 2155 followed by local weather and legal ID. A rare evening appearance by this one. (WH-CO)

900 CKBI SK Prince Albert. 3/27 0700 out of C&W music, "Our dial position is 900 our call letters are CKBI this is 900 CKBI, a Ralco radio station" and into BN News. (WH-CO)

920 KKLS SD Rapid City. 3/25 0802 out of news "Cool 92 KKLS Rapid City" and local spots. (WH-CO)

940 CJGX SK Yorkton. 3/20 2125. Play-by-play of Yorkton Terriers vs. Weyburn Red Wings hockey game. Fair/good signal. (JW-CO)

940 KIXZ TX Amarillo. 3/23 2125. TLK format, "AM 940, KIXZ," ad for XM radio. (CB-CO)

940 KPSZ IA Des Moines. 3/23 2129. REL format "Praise 940, KPSZ," into Christian music (on modified DX-398, barefoot). (CB-CO)

940 KVSH NE Valentine. 3/26 0800 with C&W music "This is Heart City Radio, KVSH," into local weather, 48 degrees in Valentine, local news. (CB-CO)

960 KGWA OK Enid. 3/23 2059 with NWS/TLK, "KGWA, AM 960, your news and information station." (CB-CO)

960 KLTF MN Little Falls. 3/20 0813. Fair with ABC News, local news & weather, "Radio 960," calls, local sports, Birthday Club. NEW. (SP-WI)

960 KMA IA Shenandoah. 3/10 0818. Area ads - insurance agency; big Angus sale in Nodaway County, Missouri; 0819 call-in contest, with the question "Where was the fork invented?" (France is the correct answer). Soon faded. (JW-CO) Did you know tiny guillotines suitable for executing mice were popular children's toys in France during the nineteenth century? It's true! (ed.-NV) (You've been at the keyboard too long, Harry. Take a week off -pls.)

970 WDAY ND Fargo. 3/23 2049. NWS/TLK, "WDAY, Fargo/Morgan," into SPTS call-in show. (CB-CO)

980 KGLN CO Glenwood Springs. 3/21 2400. "News AM 980, KGLN, Glenwood Springs," CNN news. (CB-CO)

1040 WHO IA Des Moines. 3/22 0522 with an ad then time check and another ad and another time check and ID with news following. (KR-AZ)

1060 KBGN ID Caldwell. 3/20 0807. Religious vocals, call ID. VG signal in KRCN null. Should have been on 250 watt PSRA, but looped away from them and still strong, so must have been already on day power. (JW-CO)

1060 KDUS AZ Tempe. 3/21 2158 with "Arizona's Sports Authority, AM 1060, The Deuce" into sports talk. (CB-CO)

1060 KIJN TX Farwell. 3/20 2131. Rock music with REL lyrics, segued tunes 2131-2152; at 2152, M&W announcers talked about Gospel bands and listed the current Top 10 Gospel songs; local spot at 2200, followed by more chat; quick sign-off anmt at 2204; said would return at sunrise. VG signal in KRCN null. Listed as daytime only. (JW-CO)

1070 KKHT TX Houston. 3/21 2143 with REL programming, "Here on 1070, The Word," w/ Marsha Landess program promo, ad for Fiesta grocery store in Houston, REL music. (CB-CO)

1080 KRLD TX Dallas. 3/4 2352. Traffic, weather read by anchor lady; "next traffic at 10:58" followed by call ID. Very weak. (RA-NV)

1110 KFAB NE Omaha. 3/22 0522 with business news and stock market report. Ad for Commercial Feceral then ID. (KR-AZ) 3/4 2214 with ad for Omaha Eye and Laser Institute, followed by Michael Savage. WRM from KDIS. (RA-NV)

1130 KBMR ND Bismarck. 3/19/ 0908. C&W, "Here on Country 1130, KBMR news," into farm report, regional news, piece on new state college chancellor. (CB-CO)

1130 KFAN MN Minneapolis. 3/14 2258-2301. Fair to good, over presumed KWKH with local ads, ID, then into scores. Only second time here! (JEL-MO)

1150 KSAL KS Salina. 3/22 0529 with ID and weather (29 F today). Car dealer ad then Wall Street Report. Over local KCKY. (KR-AZ)

1170 KCBQ CA San Diego. 3/4 2355. "This is KCBQ" followed by ad for a construction company. Very weak and first night logging. (RA-NV)

1240 KALY NM Los Ranchos de Albuquerque. 3/26 0200. Out of Disney to a full ID "AM 1240 KALY Los Ranchos de Albuquerque." Finally added to my recording collection. (WH-CO)

1240 KCLV NM Clovis. 3/14 0300. Ending ESPN sports feature with full ID while waiting for KEVA test. (WH-CO)

1250 KTFJ NE Dakota City. 3/20 2130. Up briefly with call ID and into REL Talk. Rarely heard here anymore. (WH-CO)

1290 KWLS KS Pratt. 3/13 0644 w/"Here on 1290, KWLS," Outdoor Life hunting show. (CB-CO)

1410 KOOQ NE North Platte. 3/19 0802 with OLD format, "Lincoln County's best news source, 1410, KOOQ," into news magazine program. (CB-CO)

1430 WFOB OH Fostoria. 3/14 0614. Poor in fade up o/WRTH w/"Real Country 1430 WFOB." (JJR-WI)

1440 WROK IL Rockford. 2/29 0058. Full ID in a pause in KMAJ programming; last logging was from Western NY in the 60s! (WH-CO)

1450 KBFS SD Belle Fourche. 3/30 0300. Out of C&E ID to callsign ID and ABC News. First time here for me. (WH-CO)

1450 KSIW OK Woodward. 3/31 0400. Ending OLD with call sign ID and more OLD. (WH-CO)

1450 KYNT SD Yankton. 3/04 0301. Full ID in slop, first time here. (WH-CO)

1470 WMBD IL Peoria. 2/27 0505. Out of ABC News with full ID and "NewsTalk" slogan. (WH-CO)

1480 KLMS NE Lincoln. 3/08 0800 ending ESPN promos with full ID. First time here this season. (WH-CO)

1520 KOMA OK Oklahoma City. 3/16 2357. Fiery preacher on the "Word of Prophecy" broadcast from Jacksonville, FL; faded out and under Oregon station before ID was heard. Station website at komaradio.com only lists KOMA-FM programming. (DP-HI)

1550 KZRK TX Canyon. 3/17 2257 with sports, "AM 1550, The Zone, Canyon, Amarillo," Fox Sports network, college basketball call-in show. (CB-CO)

1560 KKAA SD Aberdeen. 3/27 2330. Out of Coast to Coast AM with "Your station for talk of the town, all American NewsTalk fifteen sixty, KKAA Aberdeen." (PG-CO)

1560 KLNG IA Council Bluffs. 3/12 0830. Local ads; then a reading from Proverbs 16:2. Fair. (JW-CO)

1580 WHLY IN South Bend. 2/24 0000. Ending Elvis with call sign ID. (Gee, Wayne, I thought Elvis was ended by an overdose of drugs, not a call sign ID. Ed.-NV) Last logged in Western NY as WJVA in the '60s. (WH-CO) You were known as "WJVA" in the '60s instead of "Wayne"? Well, we were all a little crazy back then, I suppose. (Ed.-NV) The editor of this column has gone mad; he's attacking a faithful contributor!! (Ed.-NV)

1600 KANM NM Albuquerque. 3/11 0820. Guy says "KANM is New Mexico's fastest-growing radio station - why? Because 1600 AM is owned by ...?"; another call ID heard about a minute later. Heard in null of local KCKK, with the loop E-W! Brand new here, NM #65. This is the old KIVA, ex-1580. (JW-CO)

1600 KATZ MO Saint Louis. 3/06 2300. "Gospel 1600 KATZ Saint Louis, All Gospel All the time" over phased KCKK, hadn't been heard here in years. (WH-CO)

1600 KCRG IA Cedar Rapids. 2/27 0000 ending ESPN programming with full ID; KCKK phased. (WH-CO)

1600 KXEW AZ South Tucson. 2/28 0200. Full EE ID, "Tejano 1600" slogan and SS Music. First time here with KCKK phased. (WH-CO)

1600 WMQM TN Lakeland. 3/11 2006. Gal saying "I'm Susan...as we return to more Inspirational music here on WMQM," followed by a religious vocal; soon faded and mixed with KATZ's Gospel. A huge surprise, and a new one, TN #9!. Obviously still on 50 KW day power. (JW-CO)

1670 WTDY WI Madison. 3/10 1945 with sports talk, Kohls ad. (SS-KS)

## DDXD-East

REPORTERS

WB-FL Walt Breville, Indian Lake Estates - Grundig 700.

MKB-ON Miike Brooker, Toronto - Grundig YB-400PE, Panasonic RF-2200.





**AB-FL** Art Burke, Leesburg - Radio Shack Extended Range AM, Sony 7600G, Select-A-Tenna, random wire.

**SC-ON** Saul Chernos, Burnt River - Sangean ATS909 with three 1000-foot longwires pointed roughly E-W, NE-SW, N-S.

**MC-NJ** Mike Clancy, Jersey City - DX-396.

**BC-PA** Bruce Collier, York - BOGS at 220 and 45 degrees (220 term.) into MFJ 1025 to Sony ICF2010 w/KIWA mods.

**BC\*PA** Bruce Collier, York - Mobile on car whip into Sony XR-C6100 car radio in various locations in South Central PA.

**JF-ON** Jeff Falconer, Clinton - AOR AR7030+, 130' east EWE / 130' west EWE or Drake R8B with 45' GAP vertical, MFJ-1026 phaser, etc.

**RJ-NC** Russ Johnson, Lexington - Sony 2010, long wires.

**IEN-GA** Ira Elbert New, III, Watkinsville - 2002 Nissan Sentra GXE In-Dash Audio System CY310.

**AO-FL** Al Ogrizovich, Jacksonville - Crane Radio Plus and Justice Loop.

**JR-NY** Jim Renfrew, Byron - Drake R8, Quantum Phaser, beverage and longwire.

**DT-ON** Don Trelford, Courtice - Unknown equipment.

**LW-NY** Leslie Wood, East Meadow - Sony 2010, SR II, Radio Shack Loop.

DX CHALLENGE - STATE/PROVINCE CAPITALS

610 **WTVN OH** Columbus - 3/18 1958 - under partially-nulled CKTB with ad for Nextel, "News radio 610 WTVN" ID. (MKB-ON)

640 **WSM TN** Nashville - 3/12 0148 - presumed with MRN promo. (JR-NY)

720 **CHTN PEI** Charlottetown - 3/18 1928 - fighting WGN (and losing) with slogan "the best music on the best station... Good Time Oldies 720 CHTN" into *Color my World* by Chicago. (MKB-ON)

750 **WSB GA** Atlanta - 3/10 0140 - Shawn Hannity Show, "News Talk 750." (JR-NY)

850 **KOA CO** Denver - 3/13 0104 - Faded in for only 3 or 4 seconds, but enough to hear "... to 850 AM, KOA!" Interference from several others, likely Gainesville, W. Palm Beach, and Cuba. Last time KOA made it here to my central FL home was two years ago. (WB-FL)

920 **WHJJ RI** Providence - 3/30 1906 - under 800-lb groundwave gorilla CKNX with local weather, slogan "WHJJ...depend on it". (MKB-ON)

1030 **WBZ MA** Boston - 3/10 0207 - Accu-News, weather. (JR-NY)

1070 **WIBC IN** Indianapolis - 3/24 1824 - battling CHOK and CBA with PSA for Indiana Blood Center, ad for Hoosier Lottery, promo for [www.wibc.com](http://www.wibc.com) web site. (MKB-ON)

1080 **WTIC CT** Hartford - 3/10 0137 - presumed with C Crane Flash ad. (JR-NY)

1090 **WBAL MD** Baltimore - 3/15 2310 - sports talk and plenty of WBAL liners. (AO-FL)

1140 **WRVA VA** Richmond - 3/10 0135 - presumed with George Norey on Coast to Coast. (JR-NY)

1150 **WJBO LA** Baton Rouge - 3/23 1115 - weather, reported about 100 record highs yesterday. "America In The Morning, lots of ads. Had to listen for a while to get an ID. (AB-FL)

1170 **WACV AL** Montgomery - 3/13 2058 - Call in talk show and national spots with TOH ID into CBS News. (AO-FL)

1500 **KSTP MN** St. Paul - 3/17 1904 - creaming nulled WTOP with ad for American Family Insurance, female announcer with local news: "partly cloudy and 43 degrees in Minneapolis-St. Paul, for AM 1500 KSTP I'm Nancy Fox". (MKB-ON)

1670 **WTDY WI** Madison - 3/11 0006 - dominating frequency with promo for wtdy.com web site, "your talk radio 1670 WTDY up to the minute forecast" local weather. (MKB-ON)

PRESUMED AND UNID

1290 **WOMPp OH** Bellaire - 3/21 2020 - Bruce Williams show, no ID heard, but seems to be the only station with this on 1290. Interference from WHIO and WNBf. (DT-ON)

1370 **WKJFp MI** Cadillac - 3/18 0100 - Dual ID for two stations beginning "WL—", during a religious program break. Someone on the AM List IDd this as WKJF which operates as WLJN on 1400 and FM. Station website says they began religious format on 3/15. (JR-NY)

1500 **UNID** — - 3/14 0029 - heard during WTOP DX Test. "...half hour with the Lord

- another half hour coming up." At 0039 female said this half hour was sponsored by Trinity Baptist Church. At 0059 phone number and gospel song. (MC-NJ)

1590 **UNID** — - 2/16 1810 - local weather, several "1590, the news station" non-IDs. (LW-NY)

STATION LOGGINGS

560 **WRDT MI** Monroe - 3/6 1855 - Love Worth Finding Christian spoken word show ran over the top of the hour and kept going. Checks to WRDT, which carries it Saturdays 1830—1930. New. (SC-ON)

640 **WFNC NC** Fayetteville - 3/4 2145 - Michael Savage Show mentioning Katie Couric appearing on Larry King, then talk about high gas prices. After ad break caller talked about "shock jocks". ID at 2159 - "... news/talk radio WFNC - depend on it!" Signal fair/good above background noise, then faded in and out. (MC-NJ)

680 **WPTF NC** Raleigh - 2/9 1774 - Roger Agar show, with mention of "Beatles arrival in America, 40th Anniversary." "News/talk 680 WPTF" ID. Good, local-like signal. (LW-NY)  
+ 2/22 2227 - "Unchained Melody" followed by ID - "You're listening to the original Sunday night all-request oldies show, on WPTF." Signal poor but clear. (MC-NJ)

780 **WCKB NC** Dunn - 3/19 0635 - Southern Gospel music and spots mentioning Dunn area merchants. (AO-FL)

790 **WLBE FL** Leesburg - 3/7 1806 - Oldies with "All American Radio" liners. (AO-FL)

**WMC TN** Memphis - 3/25 0520 - ESPN sports and WMC promo. (AO-FL)

810 **WEKG KY** Jackson - 3/7 1835 - Strongly presumed with bluegrass music, eastern time check, weather, calls which are hard to discern. Nothing else checks per NRC log and 100000watts. New. (SC-ON)

860 **KKOW KS** Pittsburg - 3/11 2121 - Fox sports KKOW liner and spots for sponsors in Oswego and Weir KS. I still have a verie from the 70s from KOAM Pittsburg. (AO-FL)

880 **WMDB TN** Nashville - 3/10 1900 - Detailed sign-off mentions "2.5 kilowatts sunrise ro sunset," followed by SSB. Full ID, oldies. New. (SC-ON)

910 **WABI ME** Bangor - 3/30 1903 - alone on frequency (and best bet for ME, IMHO) with ID as "AM 910 WABI", promo for "American Standards by the sea" nostalgia music program, ad for Hamilton Marine. (MKB-ON)

920 **WKVA PA** Lewistown - 3/7 1756 - Two IDs, Mamas & Papas (oldies). New. (SC-ON)

930 **KOGA NE** Ogallala - 3/27 2305-2312 - good at times on west wire with promo for an art gallery in Keith County, weather for the high plains; "38 degrees in Ogallala", into NOS music. New, thanks to "DX-midAmerica" for the tip! (JF-ON)

960 **WHAK MI** Rogers City - 3/29 0704 - over Kingston, ON pest with ad for U.S. Coast Guard, ID as "WHAK news time is 7:04" into local news. (MKB-ON)

990 **WDEO MI** Ypsilanti - 3/17 1951 - Two women talking religion, then "A word from Dr. Scott (?)" and ID as "Radio WDEO 990 and WMAX 1440", promotion for Knights of Columbus, ad for money loans and a College fair. (DT-ON)

1030 **WFTK NC** Wake Forest - 3/12 0024 - "Radio de Las Carolinas", destroying WBZ with SS music program. Music very clear, sound effects for announcements made this difficult to ID. I first claimed this was WNOW, when I heard mention of "Charlotte" but others on the NRC e-mail list were able to ID this as WFTK. First tipped by Barry in Ottawa. (JR-NY)

1070 **CHOK ON** Sarnia - 2/21 1850 - "1070 CHOK" ID and George Harrison song. (LW-NY)

**WTWK NY** Plattsburgh - 3/25 1748 - battling major pest CHOK with local weather, slogan "Talk 1070 TWTK". (MKB-ON)

1090 **WNVY FL** Cantonment - 3/7 1848 - Bobby Jones Gospel program and spot to put your church on WNVY. (AO-FL)

**WAQE WI** Rice Lake - 3/9 0758 - Local news mentions Prairie Farm, Ashland, and Taylor, Chippewa and Price counties, and other northern WI locales. Followed by country music. New. (SC-ON)

1140 **KSOO SD** Sioux Falls - 3/8 1905 - ABC News, followed by local weather. (JR-NY)

**WVEL IL** Pekin - 3/10 1857 - sign-off announcement, poor under WRVA. (JR-NY)

1150 **WCRK TN** Morristown - 3/15 1800 - promo for morning show, then slogan "your home-

town station", then TOH ID. Still at day power, sounds like a good little hometown station, like I'm trying to build at WHYL! New! (BC\*PA)

1170 **KFAQ OK** **Tulsa** - 3/25 1945 - fox news and KFAQ local news. (AO-FL)

1200 **WCHB MI** **Taylor** - 3/18 2050 - gospel music, ID as "Music that keeps coming, WCHB". Interference from WKST, fair. (DT-ON)

1210 **WQLS AL** **Ozark** - 3/25 1945 - urban gospel and liners for the light. Mentions of Ozark and Dothan AL. Per call to GM change of frequency from 1200 due to FCC SNAFU! (AO-FL)

1230 **WFOM GA** **Marietta** - 3/7 0100 - "1340 WALR Atlanta, 1230 WFOM Marietta and... " (RJ-NC)

**WBPZ PA** **Lock Haven** - 3/19 2048 - sports talk show, short ID as "WBPZ", poor. Interference from WECK. (DT-ON)

1240 **WBES WV** **Dunbar** - 3/8 2100 - In and out all evening with WV sports promo earlier, a tentative ID, then finally a second decent ID. New. (SC-ON)

**WJNC NC** **Jacksonville** - 3/18 0258 - "...WJNC - The Talk Station." (RJ-NC)

**WCNC NC** **Elizabeth City** - 3/18 0258 - "more great memories on WCNC." (RJ-NC)

1280 **WBZY PA** **New Castle** - 3/21 2102 - NOS music, ID as "Bill Gallhager on WBZY". Fair with interference from WADO. (DT-ON)

1290 **WMCS WI** **Greenfield** - 3/8 0802 - ID, Milwaukee QTH. New. (SC-ON)

**WTKS GA** **Savannah** - 3/12 2030 - Ad for Paul Harvey Show and then into the Tom Martino Show. Decent signal. "Newsradio 1290 WTKS." (IEN-GA)

**WNBF NY** **Binghamton** - 3/21 2133 - talk show, mention of WNBF, interference from WHIO and WOMP. (DT-ON)

1300 **WPNH NH** **Plymouth** - 3/22 2241 - Hot dawg! Was sitting on 1310 while perusing month-old emails, and heard musical splatter from 1300, so tuned and sat there about 15 minutes with Music of Your Life fading in and out and was rewarded with "The Music of Your Life, am 1300 WPNH and 1240 WFTN." New state! (BC-PA)

1310 **WJUS AL** **Marion** - 3/23 1225 - a call by a man to attend their church this Sunday, quick ID. (AB-FL)

1340 **WLSG NC** **Wilmington** - 3/2 0205 - "solid gospel on 1340 - WLSG." (RJ-NC)

**WQSC SC** **Charleston** - 3/2 0605 - "Join us under the lights - the Family Circle Cup April 10-18... the Dan Patrick show on ESPN 1340." (RJ-NC)

**WALR GA** **Atlanta** - 3/3 0405 - "Talk Radio 1340, WALR - Atlanta." (RJ-NC)

**WJSN NY** **Jamestown** - 3/9 1700 - Full ID, oldies. New. (SC-ON)

**WENT NY** **Gloversville** - 3/10 1715 - Local and area news (Fulton County, Schenectady, etc.). New. (SC-ON)

1350 **WNNG GA** **Warner Robins** - 3/24 2105 - 1350 Wing community calendar, spot for local Geico agent then into NOS. (AO-FL)

1360 **WKAT FL** **N. Miami** - 3/24 2115 - classical music, spot for Alaska cruise with Classical 1360 announcer. (AO-FL)

1370 **WELV NY** **Ellenville** - 2/15 1537 - two songs "Canadian Sunset" and "Rhinstone Cowboy", then host returned and called Glenn Campbell "The Glittering One", and said that he had some problems. "Go Away Little Girl" was followed by ID - "1370, WELV, with the music of your life." Signal fair with fading. New. (MC-NJ)

**WKMC PA** **Roaring Spring** - 3/17 2350 - with WXXI on an announced silent period (thanks Nolan and Scott!), this one was quite dominant with Music of Your Life and local ads. (JR-NY)

**WGCL IN** **Bloomington** - 3/17 2359 - Hoosier basketball info, call letters. (JR-NY)

1380 **WBTK VA** **Richmond** - 3/8 1700 - "AM 1380 WBTK Richmond" in TOH ID. New. (SC-ON)

G **WPHM MI** **Port Huron** - 3/17 1900 - poking through CKPC null with top of hour "AM 1380 WPHM Port Huron" ID into ABC news. (MKB-ON)

1400 **WQBH MI** **Detroit** - 3/7 1658 - Clear ID then into Larry King's Welch's Grape Juice ad. New. (SC-ON)

1420 **WCED PA** **DuBois** - 3/16 2300 - TOH ID. I thought they had left the rig on high power, and thought "great, I'll hear this all night"; maybe they did, but good things followed! New! (BC-PA)

**WIMS IN** **Michigan City** - 3/17 0200 - TOH ID. Thought I heard the calls in GY-like garbage at 0000, but came through clear this time! New! (BC-PA)

**WRMR OH** **Cleveland** - 3/17 0500 - Kept hearing nostalgia in the mix, finally ID'd at 0500. I think it's the first time for these calls here. (BC-PA)

1430 **WFOB OH** **Fostoria** - 3/6 1820 - Simon & Garfunkel, ID with location, weather. New. (SC-ON)

1470 **WWBG NC** **Greensboro** - 3/25 2300 and all night! Nulled the mess including WTTR to see what might pop up on the timer. This one was in there all night, dominant. ID'd by "Que Pasa" slogan from 10000watts.com. Never did hear calls from :58-02 all night! Must sneak it in at :50 or not at all. New! (BC-PA)

1480 **WLEA NY** **Hornell** - 3/23 1809 - Out of spots "The big station, WLEA 1480 AM" into "Jean" by Oliver. Very listenable signal for a few minutes. New! (BC\*PA)

1500 **WTOP DC** **Washington** - 3/14 0021 - Interview with political science professor from Penn State about terrorist attack in Madrid. Two announcements of DX Test followed by Morse Code. Signal fair with some very deep fades which allowed a UNID station to be heard. (MC-NJ)

+ 3/14 0030 - in like ton of bricks with usual all-news format, ID mentioning "our addresses are 1500 AM, 820 AM and 107.7 FM, and worldwide at wtop.com...WTOP news time is 12:31". Not needed so I didn't stick around to listen for code IDs or announcements of DX test. (MKB-ON)

1520 **KRHW MO** **Sikeston** - 3/23 0000 - Caught on tape, I heard country under Buffalo so I nulled them the best I could and set the tape. Was rewarded with clear TOH ID with a mention of "country legends". Listed as gospel, but this was classic country, it hung in there all night. Emailed the engineer to confirm, but got no reply. Of course, it's REAL doubtful they were on 500w night power with that supertight N/S pattern, so he probably was taking the 5th amendment! New! (BC-PA)

1530 **WVBF MA** **Middleboro** - 2/2 1774 - "Massachusetts Reading Network" ID. Announcements of functions and events throughout Massachusetts. (LW-NY)

**WRTP NC** **Chapel Hill** - 2/9 1724 - fair, with "1530 WRTP" ID, then religious sermon. (LW-NY)

1540 **KXEL IA** **Waterloo** - 2/17 2157 - Bruce Williams show ended, then Bayer ad and PSA for Department of Homeland Security. ID: "the power source is 1540, KXEL - Waterloo/Cedar Rapids, Iowa." Signal fair/good above interference from WPTR. (MC-NJ)

1550 **WITK PA** **Pittston** - 2/2 1726 - Station ID and local weather report, then song by The Animals. (LW-NY)

**WXHL MD** **Elkton** - 3/29 0029 - code IDs noted at 0029, 0044 and 0059, cutting through the interference nicely. Already confirmed by e-mail. New with these call letters. (JR-NY)

1590 **WPSL FL** **Port St. Lucie** - 3/23 2300 - one of those rare events where one gets two stations and two IDs! WPSL had a long chat with a pharmacist about recent innovations with different drugs, including Viagra, regular fade in and out with WRXB, but got several IDs. (AB-FL)

**WRXB FL** **St. Petersburg** - 3/23 2300 - Heard this with WPSL for twenty minutes or so. WRXB had Soul R&B music, then traffic report for the Bay area. Had about given up when I heard a distinctive ID by a woman. (AB-FL)

1600 **WTSZ KY** **Eminence** - 3/8 1425 - Shelby Basketball various spots for sponsors in Shelbyville on 1060 ESPN. (AO-FL)

**WRPN WI** **Ripon** - 3/9 0813 - PSA for Wisconsin State Patrol at 929-3700 checks via Web to District 3 in northeast WI. Also a mention of Winnebago and Highway 41, which is local. New. (SC-ON)

**KCRG IA** **Cedar Rapids** - 3/9 0816 - Legal ID followed by "ESPN Radio 1600 The Zone." New. (SC-ON)

1620 **WHLY IN** **South Bend** - 3/14 2320 - NOS and AM 1620 liners. (AO-FL)

1630 **WRDW GA** **Augusta** - 3/23 1245 - talk show with Laura Ingram guesting, ad for Wheeler Road Shell station, ID. (AB-FL)

1660 **WCNZ FL** **Marco Island** - 2/16 2105 - fair, under WWRU, with local weather and "Newsradio 1660" IDs. Then talk program. First time heard with new calls. (LW-NY)

**WFNA NC** **Charlotte** - 3/23 1255 - ad for Quaker State, ad for restaurants in Huntersville and Mooreville, ad for ATA airlines, several IDs. (AB-FL)

+ 3/24 2145 - Sporting News Radio and WFNA Charlotte TOH. (AO-FL)

1680 **WDSS MI** **Ada** - 2/22 2235 - Radio Disney. PSA for St. John Vianny School lunch program, and station ad: "it's fun to call Radio Disney 1680 at 698-7733", followed by ID: "AM 1680, WDSS. Ada/Grand Rapids." Signal fair with some static and fading. **(MC-NJ)**  
+ 3/18 0033 - Radio Disney, also heard these call letters for the first time. **(JR-NY)**

TIS, HAR

1630 **TIS PA** **Lehigh Valley area** - 3/9 1732 - Looped tape: "Westbound traffic is backed up between Interstate Road and Route 987, Airport Road. (Long pause). Please be (patient?) and stay alert. Stay tuned for updated traffic information. You are listening to 1630 AM. This message will be repeated. (Long pause)." Route 987, near Lehigh Valley International Airport, is also known as Airport Road. Calls could be either WRV833, or WPMQ427, or WPVN712, or something other than that.

#### NON-ARCANE ABBREVIATIONS USED IN DDXD

//:parallel to :00: on the hour AC:Adult contemporary AP:Associated Press BBD:big band C&W:country & western CCR:contemporary Christian radio CHR:contemporary hit radio CID:code ID CL:call letter EZL:easy listening EE:English FF:French GOS:gospel LSR:local sunrise LSS:local sunset NFL:National Football League NBA:National Basketball Association NHL:National Hockey League NPR:National Public Radio OC:open carrier PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:man-made interference (power lines, etc) QRN:natural interference (lightning, etc) QTH:location PRI:Public Radio International REL:religious ROK:rock 'n' roll RS:regular schedule \$:stereo SID:singing ID SRS:sunrise skip SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban contemporary UPI:United Press International VID:voice ID

## International DX Digest

**Bruce Conti** nrcidxd@aol.com

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**Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.**

I just returned from a week-long vacation in Puerto Rico. Not much time for DXing while there. The AM radio in the rental car was too noisy, so I listened to FM, enjoying *Sistema 102* Hispanic rock and 92.5 *WORO Radio Oro* salsa oldies. The number one TV show on the island is *Super Exclusivo*, a tabloid style news magazine filled with local gossip. I did photograph a couple of AM towers that'll likely be uploaded to my *BAMLog* website shortly for those who enjoy that sort of thing. In the meantime enjoy the logs of those who did find the time for DXing, in UTC of course!

#### Transatlantic DX

- 153 **ALGERIA** *Chaîne 1*, Bechar MAR 24 0510 - Seemed to be an Arab religious discussion. Good signal, Germany in/out. + MAR 30 0419 - Arabic fast tempo music with male tenor vocal. String, drum percussion with flute backing. Loud signal parallel 198. [Stromsted-MA]
- 153 **GERMANY** *DLF* Donebach MAR 22 0501 - News, female German presenter, on 153 loud, parallel 177 good, and 208 poor/good with MW aerobeacon over. [Stromsted-MA]
- 162 **FRANCE** *France-Inter*, Allouis MAR 6 0540 - Man and woman with French talk mentioning a minister of the exterior. [Connelly-MA] MAR 22 0410 - Male speaker, good signal. [Crabill-VA]
- 171 **MOROCCO** *RMI* Nador MAR 6 0539 - Drumming, strings, chanting; good. [Connelly-MA] MAR 23 0045 - Beautiful Arab romantic song, haunting female vocalist, female Arabic DJ followed by other Arabic songs. Biggest signal on LW. + MAR 24 0501 - News, loud. [Stromsted-MA]
- 177 **GERMANY** *Deutschland Radio*, Zehlendorf MAR 24 0048 - Teletalk with male caller, then jazz and news at 0100, female news person; good signal parallel 153, 207, 756, 1421 and SW 6005 kHz (loud). [Stromsted-MA]
- 183 **GERMANY** *Europe Un*, Felsberg (Saarlouis) MAR 6 0538 - Sports-related French talk by man; good. [Connelly-MA] MAR 22 - Man and woman speakers with German. Unusually strong. [Crabill-VA]

- 189 **ICELAND** *Ríkisútvarpið*, Gufaskálar MAR 6 0541 - Folk-style vocal; fair. [Connelly-MA] MAR 19 0610 - Rock music; fair/poor signal. + MAR 22 0219 - Romantic dance ballad, good signal, heavy noise. + MAR 23 0814 - Female news presenter, poor but audible. [Stromsted-MA]
- 198 **ALGERIA** *Chaîne 1*, Ouargia MAR 30 0419 - Arabic fast tempo music with male tenor vocal. String, drum percussion with flute backing; poor signal. Same program as on 153, totally mixed with the BBC under some beacon interference. [Stromsted-MA]
- 198 **UNITED KINGDOM** *BBC R.4*, Droitwich et al. MAR 6 0535 - Classical music, then "Rule Britannia" march and talk by a woman about football; good. [Connelly-MA]
- 207 **GERMANY** *DLF* Aholming MAR 24 0100 - Female news person, good signal mixed with Morocco, parallel 153, etc. [Stromsted-MA]
- 207 **MOROCCO** *RTM* Azilal MAR 24 0501 - News, female Arabic presenter, followed by Arab string music. At 0518 dance music, good with beacon interference. [Stromsted-MA]
- 216 **FRANCE** *RMC* Roumoules MAR 26 0408 - Good with man and woman in French. [Dangerfield-PA]
- 225 **POLAND** *PR-1* Solec Kujawski MAR 24 0151 - Acoustic music with high tenor vocal, then a segway into another song. Fair/good, slight aerobeacon under. + MAR 26 0430 - Female news reporter, international news items with music bumpers and into advertising message (?) followed by female vocal, rock music, good signal but high noise level. [Stromsted-MA]
- 252 **IRELAND** *RTE1* Clarkestown MAR 21 0115 - Slow Western ballad with tenor vocal; loud, parallel 567 Tullamore fair with splatter. + MAR 24 0453 - Black music with female vocalist over guitar and organ backing; Algeria and YTF aerobeacon under. [Stromsted-MA]
- 567 **IRELAND** *RTE1* Tullamore MAR 21 0020 - Remake of Five Steps "O-o-h Child" soul hit from 1970; fair. [Connelly-MA] MAR 24 0453 - American dance music parallel 262; fair signal with splatter. [Stromsted-MA]
- 603 **FRANCE** *France Info*, Lyon MAR 18 0225 - Classical music; poor. [Stromsted-MA]
- 621 **CANARY ISLANDS // SPAIN** *RNE1* synchros, Santa Cruz de Tenerife et al. MAR 5 2326 - Excited Spanish talk; good. [Connelly-MA]
- 621 **SPAIN** *RNE1* synchros MAR 28 0312 - Presumed; poor with slow Spanish pop-type music and woman announcer. Book shows parallel Canary Islands transmitter here also, but don't know how one would tell the difference. [Taylor-NB] There are three synchronized transmitter sites in Spain, plus one from the Canaries. Tough to ID unless you catch a rare local insert. Try listening at transmitter site dawn with the Canaries typically the last to fade out.
- 675 **NETHERLANDS** *Arrow Classic Rock*, Lopik MAR 18 0543 - Rock with vocal, Chevy ad in Dutch except "Like a Rock" talk, fair signal. [Stromsted-MA]
- 684 **SPAIN** *RNE1* Sevilla APR 1 0244 - Male talk host and female caller, music intervals, parallel 603 Madrid; good signal, WRKO splatter. [Stromsted-MA]
- 711 **FRANCE** *France Info*, Rennes MAR 16 2326 - News, music bumpers, male and female hosts, taped live reports; poor signal, WOR splatter. + MAR 21 0250 - Romantic R&B music; good signal parallel 792, 837, 1206, and 1377. [Stromsted-MA]
- 747 **NETHERLANDS** *Radio 747*, Flevoland MAR 18 0245 - Rock music with vocal; fair. [Stromsted-MA] MAR 21 0033 - Plaintive ballad, Dutch talk by man, then a telephone interview; to good peak. [Connelly-MA]
- 756 **GERMANY** *DeutschlandRadio*, Braunschweig & Ravensburg MAR 17 0225 - Classical orchestral music; fair parallel 253, good. [Stromsted-MA] MAR 21 0034 - Woman in German; fair. [Connelly-MA]
- 765 **SWITZERLAND** *RSR / Option Musique*, Sottens MAR 16 2330 - French music; poor. [Stromsted-MA]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott MAR 5 2321 - Parallel 4845 with religious-sounding Arabic talk (poetic scripture with similar-length rhyming sentences); poor to fair in CFDR slop. [Connelly-MA]
- 792 **FRANCE** *France Info*, Limoges APR 1 0239 - Piano and bass jazz instrumental; loud peaks but in/out slow fades. [Stromsted-MA]
- 819 **EGYPT** *ERTU* Batra MAR 25 0220 - Arabic female chanting solo; splatter/poor. [Stromsted-MA]
- 837 **CANARY ISLANDS // SPAIN** *COPE* synchros MAR 6 0532 - Woman in Spanish talking on the phone, slight reverb/echo noted; good. [Connelly-MA]
- 837 **FRANCE** *France Info*, Nancy MAR 17 2326 - News, music bumpers, male and female hosts; good signal. [Stromsted-MA]
- 855 **SPAIN** *RNE1* synchros MAR 5 2330 - Parallel (loud) 621 with rapid-fire Spanish newstalk by man; good with WEI phased. [Connelly-MA]
- 864 **EGYPT** *ERTU* Santah MAR 22 0147 - Male and female chanting; under France, poor/fair

- peak. [Stromsted-MA]
- 864 **FRANCE** Paris MAR 21 0035 - "Killing Me Softly" by Roberta Flack, then French talk; fair, over others. [Connelly-MA] MAR 22 0437 - Male/female newscasters; loud signal. + MAR 28 0242 - French female vocal, light music, and at 0543 male/female teletalk with music intervals; loudest TA. [Stromsted-MA]
- 882 **ENGLAND** BBC Wales, Washford MAR 25 0201 - BBC news; fair with WCBS het. [Stromsted-MA]
- 890.92 unID MAR 18 0001 - Presumed 891 Algeria with Spain in so well tonight, but frequency noticeably off. Maybe that's confirmation, maybe not. I'm not aware of loggings showing them slightly down the band lately, but I haven't been paying attention either. [Taylor-NB]
- 945 **FRANCE** France Info, Toulouse MAR 18 0225 - Classical music; good signal parallel 603 and 837. [Stromsted-MA]
- 999 **SPAIN** COPE Madrid MAR 21 0016 - Man in Spanish; to fair peak. + MAR 31 0323 - Fast Spanish teletalk; loud. [Connelly-MA]
- 1017 **GERMANY** SWR-1 Wolfsheim MAR 21 0040 - Woman mentioned "auf Deutschland"; poor to fair. [Connelly-MA]
- 1053 **UNITED KINGDOM** TalkSport synchros MAR 21 0041 - Sports-related radio contest promo; fair through WEPN slop. [Connelly-MA]
- 1062 **DENMARK** DR-P3 Kalundborg MAR 25 0434 - Male Danish talk; fair. [Stromsted-MA]
- 1089 **UNITED KINGDOM** TalkSport synchros MAR 5 2337 - Man and woman with English teletalk; fair over second station (Albania?). + MAR 6 0522 - Advert for oldies albums including Elvis Presley hits; good. + MAR 21 0043 - Announcers shouting at each other in mock New Jersey Italian-American accents, then into calmer Brit-accented sportstalk; good. [Connelly-MA]
- 1107 **SPAIN** RNE5 synchros MAR 21 0014 - Woman with Spanish teletalk; echoey, fair. [Connelly-MA]
- 1116 **SPAIN** SER synchros MAR 6 0520 - Spanish news; good. + MAR 21 0013 - Monotone-delivery Spanish newstalk; fair. [Connelly-MA]
- 1134 **CROATIA** Hrvatski Radio 1, Zadar MAR 21 0012 - Female group folk vocal; to good peak over Spain. [Connelly-MA] MAR 22 0229 - Presumed; fair to good in occasional WBBR slop with news interview show, two men, one on the phone and one in studio. I'm not overly familiar with Croatian, but it's not Spanish for sure, and has a Slavic sound to it. Very strong het, and audio was disappointingly low. [Taylor-NB]
- 1134 **SPAIN** COPE synchros MAR 17 2347 - Fair, with man reading news in Spanish and using audio clips, interview, of a female. Into slow pop song at 2358. List shows strongest here at 10 kW, but easily the best on the band this evening. [Taylor-NB]
- 1206 **FRANCE** France Info, Bordeaux MAR 17 2343 - Poor, with man reading news in French. Faded into the mud at 2344, and back out to intelligible audio at 1246. + MAR 18 2312 - Weak with man and woman reading news in French. Strongest of a large group of weak hets at this time, just after local sunset. Third evening in a row with some TA activity. + MAR 28 0307 - Fair, with woman reading news in French, into ID and short music bed at 0308, then a man in French. [Taylor-NB] MAR 17 2326 - Good signal; news, music bumpers. + MAR 22 0207 - Female talk host and caller, French talk. [Stromsted-MA] MAR 21 0007 - World-events talk by man and woman in French, then a musical interlude; good. [Connelly-MA]
- 1215 **UNITED KINGDOM** Virgin Radio synchros MAR 5 2339 - Song "Kiss Me" by Sixpence None the Richer; to good peak. + MAR 6 0519 - "Fast Car" by Tracy Chapman; loud! [Connelly-MA] MAR 17 2332 - Poor to fair; interview show, with British accents, male host, and featuring male guest on the telephone. Into ID at 2340. Not sure about subject matter, but could have been sports related. Using ECSS. [Taylor-NB]
- 1251 **LIBYA** Libyan Jamahiriya, Tripoli MAR 21 0051 - Female Arabic vocal; in slop. [Connelly-MA]
- 1269 **GERMANY** DLF Neumünster MAR 18 0205 - Poor signal; German male newscaster, then classical piano, parallel 756, 1422, and 6190. [Stromsted-MA]
- 1314 **NORWAY** NRK Kvitsøy MAR 24 0114 - Dance music, deep voiced DJ, signal poor/fair. + MAR 25 0438 - Female Norwegian DJ, American dance music with harmonica; loud signal. [Stromsted-MA]
- 1323 **GERMANY** Wachenbrunn APR 1 0313 - Fairly good with two men and a woman conversing in English, though I couldn't make out the subject. This station used to be the *Voice of Russia*, but it may have been relaying the BBC. Faded before I could find out much more. Used to get fairly often. [Dangerfield-PA]
- 1332 **ITALY** RAI R.Uno synchros MAR 31 0319 - Man in Italian; fair. [Connelly-MA]
- 1341 unID MAR 28 0302 - Poor to occasional fair, with man speaking rapidly in Spanish. List

- shows three stations from 5 to 10 kW here, but cannot hear and understand enough to figure out which one it might be. [Taylor-NB]
- 1477 **FRANCE** France Info, Lille MAR 17 2354 - Poor/fair; parallel 1206 but a little stronger, with a man reading news in French. + MAR 22 2311 - Fair; two men alternating reading news in French. [Taylor-NB] MAR 23 0301 - Female reading news; fair. [Stromsted-MA]
- 1404 **FRANCE** France Info synchros MAR 22 0537 - Poor; parallel 945 with news, morning show, music intervals, synchronized signals mixing in and out with presumed Brest. [Stromsted-MA]
- 1467 **FRANCE** TransWorld Radio, Roumoules MAR 22 2307 - Nice strong signal, with preaching in English, either in an English or Australian accent. Into hymn at 2310, and then program sign off at 2315, with female announcer giving program schedule details and then saying, "On behalf of all the TWR staff, goodbye and God bless." One shot of an interval signal and then dead air. Carrier remained up for a while. [Taylor-NB] APR 1 0345 - Good at sign on (an hour earlier than usual due to Europe already being on DST) with interval signal and announcement of Monte Carlo. [Dangerfield-PA]
- 1485 unID MAR 28 0252 - Jumble of stations with strongest being news-type talk in what appears to be Spanish. Many low-powered Spanish and other stations listed here. [Taylor-NB]
- 1512 **SAUDI ARABIA** BSKSA Jeddah MAR 15 0230 - Man talking in Arabic and occasional music. Poor, but signal improving slowly with increase in intelligibility. [Taylor-NB] MAR 31 0317 - Tentative; apparent Arabic music and talk; in tough WWZN slop. EMWG listings say off air at 0300 UTC. [Connelly-MA] APR 1 0043 - Male Arabic a capella religious vocal; low modulation, fair signal. [Stromsted-MA]
- 1521 **SAUDI ARABIA** BSKSA Duba MAR 22 0235 - Presumed, with open carrier killing WWKB on 1520 kHz. Too bad there's no audio at this time, as it would be dominating. Will make sure I check again at 0300 sign-on. + MAR 28 0256 - Good; man talking in Arabic. [Taylor-NB] MAR 31 0310 - A segment of pop-style Arabic music, then woman talking in Arabic; huge signal. Pre-sign-on carrier was noted totally destroying WWKB about a half hour earlier on the car radio at a marshy area near the Route 38 / Shawsheen River crossing in Tewksbury, Massachusetts. [Connelly-MA]
- 1539 **SPAIN** SER synchros MAR 30 0410 - Same program as 1026 and 1575 parallels; poor/fair. [Stromsted-MA]
- 1548 **KUWAIT** R.Sawa, Kuwait City APR 1 0022 - Presumed; Arabic commentary by two men followed by news with two male and one female Arabic newscasters, followed by an Arabic song with male tenor vocal; strong signal equal to adjacent domestics, very different from VOA programs. [Stromsted-MA]
- 1557 **FRANCE** France Info, Nice MAR 23 0301 - Female reading news; fair with splatter, parallel 945, 1206, 1377, 1404 all poor to fair. [Stromsted-MA] APR 1 0327 - Big signal with a woman in French. [Dangerfield-PA]
- 1575 **ITALY** RAI synchros MAR 30 0403 - Peaking above Spanish signal then mixed, fair signal. [Stromsted-MA] APR 1 0400 - Very good at sign on (will be 0000) with man, woman in Italian. [Dangerfield-PA]
- 1575 **SPAIN** SER synchros MAR 30 0404 - Male with news, then music interval and female talk; mixed but under Italy, fair signal. [Stromsted-MA]
- 1584 unID MAR 31 0313 - Arabic vocal over others. Might not be Kuwait as 1548 wasn't putting much signal in. [Connelly-MA]
- 1602 **SPAIN** SER synchros MAR 30 0404 - Male with news, then music interval and female talk, identical to 1575 parallel. [Stromsted-MA]

*Ben speaks:* TA reception perked up the last few days in March but LAs were lacking. The best of the TAs have been, as usual. Croatia-1134, Spain-684, Saudi-1521 and France-1467 and 1557. On the 31<sup>st</sup> I heard a station not logged in a while, and that was the German on 1323. Used to be heard fairly often. I'll keep logging away in April, and if I hear anything interesting, you'll hear from me. My next trip to Europe isn't scheduled until October. We are planning on attending the NRC/DXAS convention.

*Brent speaks:* Lots of other hets copied here, but all are weak, with the strongest of them being 1521 (other than the 1512 w/ audio). Those marked (wk) are even "weaker than weak," but clearly detectable. The 1521 carrier was stronger than WWKB at 0220, but there seemed to be no audio. Hets are as follows, and were heard with the following solar-terrestrial numbers: Flux=103, A=17, K=2. Domestic MW conditions at around 0100 were terrible but seemed to be recovering. 684, 738, 837, 855, 864 (wk), 873 (wk), 891, 909, 945 (wk), 954 (wk), 972 (wk), 980 (wk), 999 (wk), 1008, 1017 (wk), 1026, 1035 (wk), 1044, 1053 (wk), 1071 (wk), 1089 (wk), 1098, 1107, 1116 (wk), 1125, 1134, 1142, 1151 (wk), 1179, 1197, 1206, 1215, 1224, 1251, 1296, 1305, 1341 (wk), 1368 (wk), 1395 (wk), 1404, 1413, 1422, 1458, 1476, 1485, 1503, 1512, 1521,

1548, 1557, 1566 (wk), 1575, 1584, 1593 (wk). This is my first serious try at DX with the new Icom R75. I like it very much. Using ECSS to copy the Saudi on 1512, with virtually no bother from WWZN Boston on 1510 kHz.

*Erik speaks:* First venture into broadcast band DX this year, static levels milder than I would have guessed. However, local signals seem much stronger with many up to high power now. Also unhappy to notice that WBZ is using IBOC digital modulation and literally consumes over 30 kHz of bandwidth centered on their channel of 1030 kHz. The noise spectrum is very loud, ditto for 710 WOR burying 720 CHTN in noise (daytime). If they extend use to night hours we are in for very tough listening on DX. There must be a better way!

#### Pan-American DX

- 560 **MEXICO** XEKT Tecate MAR 27 1052 - Tentative; Spanish AC music. Poor, over then under KSFO and finally gone. [Park-HI]
- 570 **CUBA** R.Reloj, Santa Clara MAR 17 0226 - Beep on minute and RR in code under KLIF. [Knight-CO]
- 570 **MEXICO** XEJB Monterrey, NL MAR 19 0338 - Spanish, in mix of XE stations with call letter ID and CST time check by man. New! XE #125. [Knight-CO]
- 600 **MEXICO** XEDN Torreón Coah MAR 17 0638 - Tentative; Spanish, possibly the one with ranchera music and "La Mexicana" slogans. Interference from KTBB and KOGO. [Knight-CO]
- 620 **MEXICO** XEBU Chihuahua, Chih MAR 17 0220 - Spanish, good signal with ads, "La Norteña" ID mentioning "Chihuahua," lengthy jingle: "En musica norteña... La Norteña," into ranchera/norteña music. Signal slightly distorted over KTAR. [Knight-CO]
- 640 **MEXICO** XEJUA Cd. Juarez, Chih MAR 17 0213-0217 - Spanish, fair to good signal, smooth Mexican vocals and mariachi music, *La Caliente* slogans, over and under KFI, "La Caliente 640 AM" shouted over song. New! XE #122. [Knight-CO]
- 650 **MEXICO** XETNT Los Mochis, Sin MAR 19 0358-0404 - Spanish, event promos, mentioned "XEJRR, Radio Zón," quick ad for a car dealer, man said "La Fórmula es Promoted," gave "Radio 65" slogan, Manuel Hernandez with local news (several "aquí en Los Mochis" mentions). Another Spanish station underneath. [Knight-CO]
- 690 **MEXICO** XERG Monterrey, NL MAR 19 0351-0357 - Spanish, beisbol game, call letter ID given at 0354 UTC, ad for "Coca-Cola", another Spanish station underneath with ranchera music. [Knight-CO]
- 750 **MEXICO** XEOH Cd. Camargo, Chih MAR 19 0436-0438 - Spanish, poor signal in Mex mix with "La Chiquitita" slogan and Mexican vocal. [Knight-CO]
- 750 **MEXICO** XEURM Uruapan, Mich MAR 19 0409-0503 - Spanish, weak signal, several XE stations in there trading places, ID: "...en Fiesta Mexicana son las diez y doce minutos" and again later "...en Fiesta Mexicana son las diez y catorce minutos," CST time checks, into Mexican vocal. Faded. Heard again at 0501 with clear call letter ID slowly, "Esta es XEURM..." mentioned power, "Fiesta Mexicana" slogan and "Radiatorama" network jingle. New! XE #126 and Michoacan #1! [Knight-CO]
- 750 **MEXICO** XETI Tempoal, Ver MAR 19 0439 - Spanish, poor to fair signal in XE mess with "Radio Fiesta" slogan, call ID, mentioned "10 mil watts" and "una emisora de Grupo de Golfo," into ad. [Knight-CO]
- 780 **MEXICO** XESS Ensenada, BCN MAR 27 0700 - "En Ensenada, Tijuana y San Diego, esta es La Candente, La Tropical." Pretty big signal tonight. Sure to start some stuff with KAZM in Arizona for sure. Primera vez! [Redding-AZ]
- 790 **CUBA** R.Reloj, Pinar del Río MAR 17 0503 - Beep, then RR in Morse code. Weak signal. [Knight-CO]
- 830 **MEXICO** XEVQ Culiacán, Sin MAR 17 0158 - Spanish, fair to good signal, full ID, address given (street was Avenida Obregon), "La Grande de Sinaloa" slogans. [Knight-CO]
- 830 **MEXICO** XELN Linares, NL MAR 17 0204 - Spanish, good signal over XEVQ with música romantica and "La Llegadora" slogan shouted by man. New! XE #121. [Knight-CO]
- 850 **MEXICO** XEM Chihuahua, Chih MAR 27 0651 - "Radio Exitos" ID and into a cumbia. [Redding-AZ]
- 900 **MEXICO** XEDT Cd. Cuauhtemoc, Chih MAR 15 0245-0257 - Spanish, very good signal with Mexican and U.S. rock pop music, song by Celine Dion, "La Reina" slogans. New! XE #119. [Knight-CO]
- 920 **MEXICO** XEHQ Hermosillo, Son MAR 25 0603 - Taped a complete ID now apparently using the slogan "La Explotiva." [Heinen-CO]
- 920 **MEXICO** XESDD Ensenada, BCN MAR 25 0702 - "...ESDD La Tremenda transmite..." briefly in the mess. Thanks to John Wilkins with help IDing on this. [Heinen-CO]

- 940 **MEXICO** XEWV Mexicali, BCN MAR 15 0338-0343 - Spanish, good peak with ad for "Cruz Roja Mexicana," mentioned a universidad in Mexicali, "Fiesta Mexicana" jingle, into ranchera music. Interference from XEYJ. New! XE #120. [Knight-CO]
- 1000 **MEXICO** XEOY México, DF MAR 17 0545-0550 - Spanish, mostly under XEFV with "Radio Mil" ID by woman, characteristic 4-noted whistle is now synthesized. [Knight-CO]
- 1000 **MEXICO** XEMIL Los Mochis, Sin MAR 17 0553 - Way under XEFV (in pause) with "La Comadre en Los Mochis, Sinaloa" shouted by man. Nice! New. XE #124! [Knight-CO]
- 1010 **MEXICO** XEVK Torreón, Coah MAR 17 0518 - Spanish, fair signal, ID: "XEVK 1010 AM, La... (?)", into festive Mexican music. [Knight-CO]
- 1030 **MEXICO** XEYC Cd. Juarez, Chih MAR 17 0234 - Spanish, "Radio Fórmula Juarez" slogan, call sign, "5 mil wats de potencia" mentioned, gave studio address. Good signal. [Knight-CO]
- 1030 **MEXICO** XEMPM Los Mochis, Sin MAR 17 0235 - Spanish, "Radio Fama" slogan under XEYC. [Knight-CO]
- 1180 **MEXICO** XEDCH Cd. Delicias, Chih MAR 19 0301-0308 - Spanish, tuned into "Radiatorama" network jingle, then "Romantica 1180" slogan by woman, promo for program featuring music from the '70s, '80s and '90s, into US pop song by Foreigner, then song from the '70s called "You Sexy Thing." Interference from another station in Spanish carrying a sports event. Fair to good signal. [Knight-CO]
- 1240 **MEXICO** XECG Nogales, Son APR 2 1337 - News / commentary; weak, fadeout at 0642. Nueva, primera vez! [Redding-AZ]
- 1290 **MEXICO** XEQIN San Quintín, BCN MAR 17 0258-0306 - Spanish, under XEAP with "LV del Valle" slogan, Mexican national anthem at 0302, later even with XEAP. Started anthem over at 0304 this time with kids singing. [Knight-CO]
- 1290 **MEXICO** XEAP Cd. Obregón, Son MAR 17 0258-0306 - Spanish, mostly over XEQIN with música romantica, full ID, "Romántica 1290" slogan, gave studios on "Guerrero y California" streets, call letters, "La Señal Mas Romantica" slogan also, mention of "mil wats de potencia" and "Radiatorama Sonora" affiliate. [Knight-CO]
- 1350 **MEXICO** XELBL San Luis Río Colorado, Son MAR 17 0247-0254 - Spanish, good signal over all with ID: "Radio Centro en 1350 en su AM," brief prayer, Spanish vocal, also mentioned "Radio Exitos, 1520 AM," Mexican national anthem by 0254 UTC under XETB. New! XE #123. [Knight-CO]
- 1350 **MEXICO** XETB Torreón, Coah MAR 17 0252-0258 - Spanish, good peak over XELBL with several call letter IDs and "Radio Laguna" slogans, full ID, mentioned "5 mil wats de potencia." [Knight-CO]
- 1410 **MEXICO** XECF Los Mochis, Sin MAR 17 0314 - Spanish, poor signal, mostly under KNTX with "La Mexicana" slogan, into Mexican vocal. [Knight-CO]
- 1410.19 unID MAR 17 0410 - Spanish here, off freq from 1410 kHz. [Knight-CO]
- 1420 **MEXICO** XEH Monterrey, NL MAR 17 0341 - Spanish, fair signal with call letter IDs, temperature "19 grados en Monterrey," saludos to listeners, many "buenas noches" mentioned, DJ took phone calls. [Knight-CO]
- 1470 **MEXICO** XERCN Tijuana, BCN MAR 17 0320 - Spanish, good signal with ad for "Dave's Ford," using new slogan "Radio Hispana," used to be "Radio Unica." [Knight-CO]

#### Contributors

- Mark Connelly WA1ION, Billerica MA; Drake R8A receiver, DXP-5 phasing unit, dual-feedline Flag antenna (4.9 x 10.4 m), 12-m vertical. <MarkWA1ION@aol.com>
- Perry Crabill, Winchester VA; Drake R8, 100-ft wire. <w3hqx@arrl.net>
- Ben Dangerfield, Wallingford PA; R8A, four slopers, DXP-3A phaser, Kiwa backup loop. <ben-dangerfield@verizon.net>
- Wayne Heinen, Aurora CO; Drake R8B, N/S and E/W Flag antennas (between the Honey Locust and Aspen trees), a few random wires, SuperPhaser II, QuickRecorder on the PC. <amradiolog@nrccdas.org>
- Chris Knight, Fort Lupton CO; Drake R8, southwest Flag antenna, terminated. <swrad@juno.com>
- Dale Park, Honolulu HI; Sangean ATS-818CS, Terk AM1000 loop. <DXFool@aol.com>
- Kevin Redding, Mesa AZ; Grundig YB300, Sony ICF-2010. <amfmdx@fastq.com>
- Erik Stromsted W1ZBT, Pepperell MA; Yaesu 1000MP, ground rod terminated long wire aimed NE (toward Europe). <microwaveadvances@charter.net>
- Brent Taylor, Doaktown NB; Icom R75 (Kiwa mods), Quantum Phaser, Pennant antenna favoring ENE. <btaylor@nbnet.nb.ca>

73 and Good DX!

# Formats

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## Changes in programming status; reported by listeners

Freq	Call	Location	New Format	Source
560	WFRB	Frostburg, MD	AC/OLD:TLK	Kennedy
590	WJMS	Ironwood, MI	TLK	DX Midamerica
590	KTHO	South Lake Tahoe, CA	NWS/TLK/SPT	nrcdxas.org
600	WVAR	Richwood, WV	OLD	MSJ
610	KONA	Kennewick, WA	TLK	MSJ
610	WEXS	Patillas, PR	SS:Tropical	MSJ
670	WRJR	Claremont, VA	REL	MSJ
710	WQKI	Saint Matthews, SC	UC:REL	MSJ
720	WVCC	Hogansville, GA	TLK/SPT	AM Switch
730	CHMJ	Vancouver, BC	SPT	Axelrod
740	KIDR	Phoenix, AZ	SS:NWS/TLK	MSJ
750	KMMJ	Grand Island, NE	AC/TLK	10000watts.com
770	WYHG	Young Harris, GA	C&W	DX News
790	KKON	Kealakekua, HI	SPT	MSJ
800	WPLK	Palatka, FL	OLD/NOS	DX News
810	WPIN	Dublin, VA	SPT	DX News
830	KMXE	Orange, CA	SS:NWS/TLK	MSJ
840	KVJY	Pharr, TX	SS:NWS/TLK	MSJ
850	KHLO	Hilo, HI	SPT	MSJ
850	WNTJ	Johnstown, PA	NWS/TLK	MSJ
860	WTZX	Sparta, TN	C&W	MSJ
880	WRRZ	Clinton, NC	SS:MEX	DX News
910	WABI	Bangor, ME	AC/EZL	MSJ
910	WKEQ	Burnside, KY	SPT	MSJ
910	WSRP	Jacksonville, NC	SS:MEX	Hardester
910	WLTP	Marietta, OH	NWS/TLK	MSJ
910	KOTK	Vancouver, WA	TLK	AM Switch
920	KGHO	Olympia, WA	TLK	MSJ
930	WIZR	Johnstown, NY	AC	MSJ
930	WYNI	Monroeville, AL	TLK	AM Switch
940	KWRU	Fresno, CA	SS:NWS/TLK	MSJ
940	WGRP	Greenville, PA	AC	MSJ
950	WROL	Boston, MA	TLK/REL/ETH	DX News
950	WNTD	Chicago, IL	SS:NWS/TLK	MSJ
950	WCTN	Potomac - Cabin John, MD	Ko-rean	nrcdxas.org
950	WXGI	Richmond, VA	SPT	MSJ
960	WHYL	Carlisle, PA	NOS	nrcdxas.org
960	WPRT	Prestonsburg, KY	OLD/SPT	AM Switch
970	KVWM	Show Low, AZ	NWS/TLK	MSJ
980	WRNE	Gulf Breeze, FL	UC:AC	MSJ
980	WBZK	York, SC	SS:MEX	MSJ
990	WZZD	Philadelphia, PA	TLK	DX News
990	KATD	Pittsburg, CA	SS:NWS/TLK	MSJ
990	WNTW	Somerset, PA	NWS/TLK	MSJ
1000	WKDE	Altavista, VA	NWS	DX News
1010	KIQI	San Francisco, CA	SS:NWS/TLK	MSJ
1050	KCHN	Brookshire, TX	ETH/Asian/SS	Hall
1050	KKRX	Lawton, OK	UC:AC	MSJ
1050	KCAA	Loma Linda, CA	TLK	MSJ
1060	KDYL	South Salt Lake, UT	NOS	Wilkins
1080	KFXX	Portland, OR	SPT	AM Switch
1080	KSLL	Price, UT	OLD	Wilkins

1130	KTMR	Edna, TX	Tejano	MSJ
1130	Wilkins			
1150	KCCT	Corpus Christi, TX	Americana	MSJ
1150	WHUN	Huntingdon, PA	TLK	MSJ
1150	WDTM	Selmer, TN	SPT	MSJ
1150	WRUN	Utica, NY	NOS	Kennedy
1210	WMPS	Bartlett, TN	NOS	MSJ
1210	WNMA	Miami Springs, FL	SS:NWS/TLK	MSJ
1210	KQTL	Sahuarita, AZ	SS:NWS/TLK	MSJ
1220	KSFB	Palo Alto, CA	TLK	MSJ
1220	WREV	Reidsville, NC	REL	MSJ
1230	WLNR	Kinston, NC	SS:MEX	AM Switch
1230	KOZA	Odessa, TX	SS:REL	MSJ
1240	WSNJ	Bridgeton, NJ	TLK/NOS/VAR	MSJ
1240	WJNC	Jacksonville, NC	NWS/TLK/SPT	DX News
1240	WPKE	Pikeville, KY	OLD/SPT	AM Switch
1240	KOFE	Saint Maries, ID	EZL	MSJ
1250	KZDC	San Antonio, TX	SS:NWS/TLK	MSJ
1270	KLXX	Bismarck-Mandan, ND	TLK	MSJ
1270	KFLC	Fort Worth, TX	SS:MEX	nrcdxas.org
1270	KDJI	Holbrook, AZ	NWS/TLK	MSJ
1270	WKBF	Rock Island, IL	C&W	nrcdxas.org
1270	KTFI	Twin Falls, ID	OLD/SPT/TLK	Heinen
1280	WODT	New Orleans, LA	SPT	Hall
1310	WISE	Asheville, NC	SPT	Blair
1310	WOKA	Douglas, GA	GOS	MSJ
1310	KRBI	Saint Peter, MN	AC	Upper Midwest Broadcasting
1320	KXYZ	Houston, TX	SS:NWS/TLK	MSJ
1330	WNIX	Greenville, MS	UC:AC	MSJ
1330	WSPQ	Springville, NY	TLK/SPT	Kennedy
1330	WCVC	Tallahassee, FL	REL/GOS	DX News
1340	WBBT	Lyons, GA	UC:AC	MSJ
1340	WFSH	Valparaiso-Niceville, FL	SPT	MSJ
1340	KVNN	Victoria, TX	TLK/SPT	DX News
1350	KRNT	Des Moines, IA	TLK/NOS	Heinen
1350	KPNS	Duncan, OK	TLK/SPT	Heinen
1360	KAHZ	Hurst, TX	SS:NWS/TLK	MSJ
1360	KNIR	New Iberia, LA	REL	Sundman
1360	WNJC	Washington Township, NJ		Heinen
1370	WHEE	Martinsville, VA	TLK/SPT	MSJ
1380	WMTA	Central City, KY	GOS	MSJ
1380	KPTK	Lawton, OK	TLK/SPT	Heinen
1380	WVSA	Vernon, AL	SPT	MSJ
1390	KSLM	Salem, OR	TLK	MSJ
1390	WRIG	Schofield, WI	TLK/NOS	Upper Midwest Broadcasting
1390	WNIO	Youngstown, OH	AC/OLD	Kennedy
1400	KVFD	Fort Dodge, IA	OLD	MSJ
1400	WFTG	London, KY	OLD/SPT	AM Switch
1400	KUNX	Santa Paula, CA	SS:NWS/TLK	AM Switch
1430	WKEX	Blacksburg, VA	SPT	MSJ
1430	KCRX	Roswell, NM	OLD	MSJ
1450	KIKR	Beaumont, TX	UC:AC	Hall
1450	KSIG	Crowley, LA	OLD	MSJ
1450	WTBO	Cumberland, MD	AC/OLD:TLK	MSJ
1450	KMHT	Marshall, TX	GOS	Hall
1450	WHNK	Parkersburg, WV	C&W	MSJ
1450	KVSL	Show Low, AZ	NOS	MSJ
1450	WVLD	Valdosta, GA	TLK	MSJ
1460	WBPA	Elkhorn City, KY	OLD/SPT	AM Switch
1460	WEMR	Tunkhannock, PA	AC	MSJ
1470	KWAY	Waverly, IA	C&W	MSJ
1480	WZFB	Fair Bluff, NC	C&W	MSJ

44	1480	KKCQ	Fosston, MN	C&W/TLK	1540	WNWR	Philadelphia, PA	ETH/Brokered
		DX News				Kennedy		
	1480	KPHX	Phoenix, AZ	Comedy	1560	WINV	Beverly Hills, FL	OLD
		nrcdxas.org				MSJ		
	1490	WBTA	Batavia, NY	AC/EZL	1570	WVTL	Amsterdam, NY	TLK
		MSJ				MSJ		
	1490	WKRO	Cairo, IL	UC:AC	1570	WTWB	Auburndale, FL	NWS/TLK
		MSJ				MSJ		
	1490	WCHM	Clarkesville, GA	GOS	1570	WNKX	Centerville, TN	TLK
		MSJ				AM Switch		
	1490	KQDS	Duluth, MN	NWS/TLK	1570	WVOJ	Fernandina Beach, FL	SS:MEX
		Upper Midwest Broadcasting				MSJ		
	1490	WPAK	Farmville, VA	REL	1570	WWCK	Flint, MI	TLK
		MSJ				MSJ		
	1490	WSPO	Johnstown, PA	SPT	1570	WCRL	Oneonta, AL	NOS
		MSJ				MSJ		
	1490	KLNT	Laredo, TX	NWS/TLK	1580	KNIM	Maryville, MO	NWS
		Hall				MSJ		
	1490	KZZN	Littlefield, TX	AC/EZL	1580	KBLA	Santa Monica, CA	SS:NWS/TLK
		Heinen				MST		
	1490	WUSS	Pleasantville, NJ	SPT	1580	WDND	South Bend, IN	SPT
		nrcdxas.org				nrcdxas.org		
	1490	WTTB	Vero Beach, FL	TLK	1590	WAKR	Akron, OH	AC/OLD:TLK
		MST				Kennedy		
	1490	KWUD	Woodville, TX	OLD	1590	KKZZ	Ventura, CA	NOS
		Hall				100000watts.com		
	1500	WKIZ	Key West, FL	SS:AC	1600	KQXX	Brownsville, TX	OLD
		MSJ				MSJ		
	1520	WHOW	Clinton, IL	SPT	1600	WBTO	Linton, IN	C&W
		MSJ				MSJ		
	1520	KMAV	Mayville, ND	SPT	1620	WHLY	South Bend, IN	AC/OLD
		MSJ				nrcdxas.org		
	1520	KRHW	Sikeston, MO	OLD	1660	WWRU	Jersey City, NJ	Korean
		DX Midamerica				Kennedy		
	1530	WCTR	Chestertown, MD	OLD	1660	KTIQ	Merced, CA	SS:TLK
		Kennedy				MSJ		
	1530	KQQA	Creedmoor, TX	SPT	1690	WSWK	Avondale Estates, GA	C&W
		AM Switch				DX Midamerica		
	1530	WEYZ	North East, PA	AC	1700	KVNS	Brownsville, TX	NWS/TLK
		MSJ				MSJ		
	1540	WDCD	Albany, NY	REL	1700	KBGG	Des Moines, IA	SS:MEX
		MST				Wilkins		
	1540	WBCO	Bucyrus, OH	NOS				
		MSJ						
	1540	KGBC	Galveston, TX	EE:REL/SS:REL				
		Hall						



## A DX'er's TECHNICAL GUIDE

The fourth edition of A DX'er's Technical Guide is now available from the IRCA Bookstore. In its nearly 200 pages you will learn about the principles underlying the design of successful receivers, antennas and receiving accessories, find reviews of the best commercially available DXing equipment in different price ranges, as well as detailed instructions for building one's own antennas and other DXing aids. Although it focuses on the technical backdrop to medium wave DXing, it will also be of interest to serious shortwave listeners and low band radio amateurs. The price to NRC members is U\$15.00; the non-NRC/IRCA member price is U\$17.50 ... overseas, please add \$3.00. Order your copy today, in US funds payable to Phil Bytheway, from

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## Professional Sports Networks

**Barry S. Finkel** bsfinkel@ANL.gov  
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*Network listings for team sports stations*

Here is Major League Baseball (MLB) flagship information for the 2003 season from various sources via Ken Onyschuk. I am not sure that all of the foreign language broadcasts are listed here. I have found a number of network lists on the Internet; please send me URLs to any lists you may find. Thanks.

Anaheim Angels	710	KSPN-CA	(EE)	Rory Markus, Terry Smith
	1020	KTNQ-CA	(SS)	Ivan Lara, Jose Mota
Arizona Diamondbacks	620	KTAR-AZ	(EE)	Greg Schulte, Ken Phelps, Thom Brenneman, Jeff Munn
	1400	KSUN-AZ	(SS)	Miguel Santana, Oscar Sorea
Atlanta Braves	750	WSB-GA		Skip Caray, Pete Van Wieren, Don Sutton, Joe Simpson
Baltimore Orioles	1090	WBAL-MD		Joe Angel, Jim Hunter, Fred Manfra
Boston Red Sox	850	WEEI-MA	(EE)	Joe Castiglione, Jerry Trupiano
	950	WROL-MA	(SS)	+J. P. Villaman, Luis Tiant
Chicago Cubs	720	WGN-IL		Pat Hughes, Ron Santo
Chicago White Sox	1000	WMVP-IL		John Rooney, Ed Farmer
Cincinnati Reds	700	WLW-OH		Marty Brenneman, Joe Nuxhall, Steve Stewart
Cleveland Indians	1100	WTAM-OH		Tom Hamilton, Mike Hegan, Matt Underwood
Colorado Rockies	850	KOA-CO		Jeff Kingery, Jack Corrigan
Detroit Tigers	1270	WXYZ-MI		Jim Price, Dan Dickerson
Florida Marlins	560	WQAM-FL	(EE)	Joe Sciambi, Dave Van Horne
	1140	WQBA-FL	(SS)	Felo Ramirez
Houston Astros	740	KTRH-TX		Milo Hamilton, Alan Ashby
Kansas City Royals	980	KMBZ-MO		Denny Matthews, Ryan Lefebvre, Fred White, Paul Splitorff
	97.3	KZPL-MO	<sup>a</sup>	
Los Angeles Dodgers	908	KWFB-CA	(EE)	Vin Scully, Ross Porter, Rick Monday
	1330	KWKW-CA	(SS)	Jaime Jarrin, Fernando Valenzuela, Pepe Yniguez
Milwaukee Brewers	620	WTMJ-WI		Jim Powell, Bob Uecker
Minnesota Twins	830	WCCO-MN		Herb Carneal, Joe Gordon, Dan Gladden, Jack Morris
Montreal Expos	990	CKGM-PQ	(EE)	Elliot Price, Mitch Melnick
	98.5	CKOO-PQ	(FF)	Jacques Doucet, Marc Griffin
New York Mets	660	WFAN-NY		Gary Cohen, Howie Rose
New York Yankees	880	WCBS-NY	(EE)	+John Sterling, Charlie Steiner
	1280	WADO-NY	(SS)	
Oakland Athletics	610	KFRC-CA		Bill King, Ray Fosse, Ken Korach
Philadelphia Phillies	950	WPEN-PA		Harry Kalas, Chris Wheeler, Larry Anderson, Scot Graham
Pittsburgh Pirates	1020	KDKA-PA		Lanny Frattare, Steve Blass, Greg Brown, Bob Walk
Saint Louis Cardinals	1120	KMOX-MO		Wayne Hagin, Mike Shannon
San Diego Padres	1090	XPRS-BC	(EE)	Jerry Coleman, Ted Leitner
	860	XEMO-BC	(SS)	Ed Ortega, Juan Avila
San Francisco Giants	680	KNBR-CA	(EE)	Greg Papa, Jon Miller, Dave Fleming
	1370	KZSF-CA	(SS)	
Seattle Mariners	1000	KOMO-WA	(EE)	Dave Neihaus, Rick Rizzs, Dave Henderson
	920	KXLY-WA	(SS) <sup>h</sup>	
Tampa Bay Devil Rays	970	WFLA-FL		Paul Olden, Charley Slowes
Texas Rangers	1080	KRLD-TX	(EE)	Eric Nadel, Victor Rojas
	1270	KFLC-TX	(SS)	Eleno Omelas, Jose Gozman
Toronto Blue Jays	590	CJCL-ON		+Tom Cheek, Jerry Howarth, Mike Wilner

<sup>a</sup> = Announcers from previous season

<sup>h</sup> = 97.3 KZPL simulcasts the Royals

<sup>h</sup> = This station broadcasts home games only.

games that begin after 7 PM.

# Musings

## of the Members

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

Here is the NRC column that is almost as exciting a plate current readings on a transmitter! When sending your items along, please keep them DX-related, something that would be of interest to all of the NRC members, including even John Malicky! Here we go:

### John Boncek, Montgomery, Alabama

Greetings from Montgomery, Alabama. I wanted to share an unusual piece of DX that I heard last night (March 25). While driving past the US Court House on Church Street in downtown Montgomery at 10:00 Central time, I turned on my car radio to catch the CBS news on WACV-1170. As I made a right turn from Church onto south Court Street, the WACV signal disappeared entirely. In its place, I copied an "end-of-the-news" id from KFAQ-Tulsa, loud and clear, and alone on the frequency. As I drove around the back of the Court House, the KFAQ signal disappeared, and WACV was back loud and clear. I don't think I've ever heard such a drastic change in signals while driving around a large building before. I'd be interested in hearing if other members have similar stories. (John, it appears that you've found out about signal cancellation due to the signal being reradiated from another 'antenna' right near by, sometimes a very big problem with AM stations. Its pretty common when you're within a few miles of the station transmitter. It can sometimes work in reverse and actually increase the signal of the station. Paint a big red X on the road next time you're there and you'll know where your local isn't a local anymore!-DWS)

### Perry Crabill, 225 Milam Drive, Winchester, VA, 22602, w3hqx@arrl.net

I don't believe I've mused about my start in AM radio DXing. I don't know if we ever heard any out-of-town stations during the time our radio was a crystal set while living in Washington, DC. Later, this was superseded in the late 1920's by a neodyne intended for battery power, but my father used a OBO eliminator for the high voltage and a storage battery in the basement for the filaments. I found that I could hear stations in other cities with this radio. Early on I got so excited when I picked up KMOX in St. Louis that my father killed the radio by disconnecting the storage battery to quiet me. I was intrigued by picking up CMQ in Havana, various Canadians, and the Mexican border giants such as XEAW. I have no logs from those days, but used to enjoy listening to the clear channel stations at night with their locally-originated programs. I don't remember using my first homebuilt SW receiver with a 19 twin triode on the BCB in 1934. However, I later built an AC operated regenerative receiver with an untuned RF stage and loudspeaker output. I heard KFWB in California on 950 kc (before kHz) with 5 kW after local WRC went off the air at 1:00 AM. I was still a teenager when I acquired a Philco Model 635 radio for \$12.00 at a Washington's birthday sale across town. I carried it home on the street-car, and found that it worked. This was an all-wave receiver with a tuned RF stage, and it worked very well on SW as well as the BCB. I souped it up with an outboard regenerative preselector and logged LR1-1070 in Buenos Aires in 1936 during the US Bureau of Standards propagation tests. This was the only BCB station I sent a signal report to, and their QSL card arrived six months later. I remember being tickled about logging KOH in Reno, Nevada, back when it was the only station in that state. I used to subscribe to Radio Index (RaDex), which was only \$1.75 a year and was published monthly, except in July and August. It called itself an all-wave magazine, but was especially oriented to the AM BCB. Each issue had a DX calendar with special programs for distant listeners in the wee, small hours. A good source of loggings was the FCC frequency checks, where stations broadcast at specified times for their frequencies to be measured off the air. These schedules were published; possibly in RaDex, or perhaps in Radio News, which had some coverage of the BCB scene.

Art Burke - 1102 S. 9th Street - Leesburg, FL 34748, [aburkefl@comcast.net](mailto:aburkefl@comcast.net)  
<mailto:aburkefl@comcast.net>

I was a member, briefly, back in the '90's. The discovery of the GE SuperRadio III spurred my interest in BCB dxing. Regrettably, I sold the radio several years ago and recently decided I missed it. Despite complaints otherwise, I've been very, very happy with the Extended Range AM portable currently offered by Radio Shack (12-903 is the catalog number). I was using a Sony 7600G and a Select-A-Tenna before buying the Radio Shack radio (a Chinese creation with tuned RF). I discovered I could clearly hear stations with the RS radio when the 7600 hardly displayed a signal! That spurred my interest to rejoin the NRC. Now that I'm retired, those late night and early morning sessions won't be cut short with the need to sleep so I can stay awake at work! I was licensed back in 1978 and have held NE4F for almost 25 years. I also was "issued" a call back in the '60's from the old *Popular Electronics* column - WP0EFOJ. Although I reside on a "postage-stamp-lot," I've put up a Radio West offset dipole (an antenna I've had for probably 20 years) and a 75' L-shaped wire. There isn't sufficient room on my lot to put up all the wire and still end feed it! I'm looking forward this time around to (a) enjoy the hobby as much as before and (b) perhaps be a bit more productive than before. (And welcome to the NRC, Alan, and Musings, thanks for checking in with us and hope you will continue to do so!-DWS)

### Ben Dangerfield, Wallingford, PA

When my DX News arrived yesterday I was pleasantly surprised to see the big Musings section and immediately inspired to make my contribution. I began DXing when I was 10, back in the early 1940's, with our family RCA radio, when I discovered that there were stations out beyond the 5 Pittsburgh locals, [my home city for the next 10 years.] Then my older sister let me play with her radio and she introduced me to RADEX magazine and showed me how she marked off the stations she had logged, and they included such as KFI and KNX. Shortly after that I got my own set, a 4 tube Detrola, and a couple of years later I acquired a 5 tube Philco. In 1936 I bought the radio of my dreams: a 6 tube Philco with SW band added, and I used that set for the next 25 years. Never did become a real SW DXer, though, as my heart has always been with the MW band. During those Pittsburgh years I got stations all over North America but no TAs or TPs. Frankly, I didn't know how or when to tune for them. Did get some from South America including Argentina on 1070 under WTAM. Went into the U.S. Army in 1943 and spent 1944 and 1945 in Europe. DXed from England, Belgium and Germany whenever a good radio was available so got to hear TAs first hand. While in Germany after the war ended I compiled a list of European stations by frequency so I could try to get them when I got back home. Home then was near Philadelphia, and with my trusty Philco I did some DXing and finally heard TAs from this side, having figured out what those hets were all about. But then I got married and began a family life so did little DXing until 1958 when I picked up a copy of Radio-TV Experimenter and discovered an article by C.M. Stansbury on getting foreign stations on the MW band. This got me started again. Dusted off the Philco and put up an antenna in the back yard, a task I hadn't done since the 1930's. And, thanks to that same article I learned of the NRC and joined up. And I began to send out reports for veries. I specialized in TAs and LAs but also logged many distant U.S. and Canadian stations, many from specials, and many on Monday mornings. In 1961 my wife gve me the latest dream radio: An HQ-180, which I used for the next 25 years. DX in the 1960's was fabulous and I heard and verified hundreds of TAs, LAs, and even some TPs. In 1996 I acquired my third dream radio, an R8A, and with help from my sons, put up 4 slopers outside and began to use a phaser. In the 1970's and 1980's I was using loops. My country total is now at 128 but I do very little domestic DX. My wife and I - and sometimes other family members - have travelled the world since 1970 and I have DXed in many countries. My total of "been in" countries is up to 102. My biggest radio problems these days are power line noises but I still tune the band every night. Have attended 8 NRC conventions and plan to go to Batavia, N.Y. this year. Hope to see many of you there and also hope to see many Musings from now on! (Great to hear from you been, I'm also hoping to get to Batavia this year also. DWS)

### Martin Wishnewitz - 33-45 94th Street - Jackson Heights - NY 11372

Greetings friends! Just a question, does anyone have any information on the WR-1 am-fm table radio that Sangean is currently marketing? Any thought on performance? Am back at my old address and helping my father out, this location used to be really quiet maybe 35 years ago when I first moved here from Brooklyn, NY, to Queens, NY. It's hard to believe the noise here now WLIE-540 sounds much better here then years ago. Talk-Business format. Thats all for now, can't wait for the convention! (Believe it or not, I was recently involved with the build out of new studios for the Nusiness Talk Radio network, based in Greenwich, CT (WGCH-1490) and was involved with the building of the new studios of WLIE a few years ago when it moved to Route 123 in Deer Park, NY, small world!-DWS)

### Perry Crabill, 225 Milam Drive, Winchester, VA, 22602, w3hqx@arrl.net

When the Frequency Challenge results for 1160 kHz were reported in DXN #19 I noticed that the only logging of KSL was in DDXD-W by a listener in Hawaii, and no one in DDXD-E reported any stations farther west than WYLL in Chicago. Incidentally, I don't think that 'Clear Channel Challenge' is a good name for this competition; there aren't any "clear channels" any more. For several weeks I have noticed that certain network programs broadcast by WINC-1400 here in Winchester had periodic interruptions in audio, while local originations and various other network programs did not suffer this type of problem. On March 17 I called Archie McKay, the station engineer, and learned that the LNB on one of their 4 GHz satellite downlink receiving systems was being overloaded by radar signals from AWACS planes monitoring the skies in the eastern US. Each time the radar beam on an adjacent frequency scans across their downlink dish, it momentarily de-senses the receiver from the overload. Archie has installed a slot filter on the waveguide system with some effect, but is planning to install one or two more in an attempt to eliminate the interference altogether. According to an Internet reference, there are now up to six AWACS planes monitoring the skies over major East Coast cities, and their radar systems are interfering with various 4 GHz satellite receivers. This is one of the fall-out situations from the 9/11 attack

### Dave Schmidt - P O Box 11502 - Wilmington, DE 19850

PHIL BOERSMA, your last note to me was lost in the shuffle when I did some reorganization in my place so if you can send it along again, it would be appreciated. When you work some 24 hours days (most are in the 12 hour range!), things tend to get piled up on ones desk, and it happens. We'll gladly accept our continuing "How I Got Started In DX'ing" reports from YOU, and new members, Musings has always been the traditional place to send in a report, introduce yourself to the membership. Our dealines are FRIDAYS, and depending on work, the column goes to Topeka on Friday night or Saturday AM. I think I've found a place east of Scranton, out of the RF zone, that may be better suited for some DXing again; hopefully when the R390 or R392 goes on, it won't dim the street lights! See you next issue!