



# VHF-UHF DIGEST

The Magazine for TV and FM DXers

November 2016



1150 miles

WSFL

SETUP Auto Tuning  
 OPTION EZ Add  
 Channel Edit  
 LOCK Manual Tuning  
 Output Channel  
 Install Guide

Select RF-channel number.  
 19  
 DTU 39-1 WSFL-DT  
 Signal NO SIGNAL  
 Bad Good  
 Delete the channel

## CHRIS LUCAS' INSANE UNATTENDED TROPO CATCH (SLOW DX? KEEP YOUR TUNER RUNNING ANYWAY!)

## ALSO, KANSAS CITY CONVENTION RECAP

*"I want you to get your TV/FM stats in!"*



The Official Publication of the Worldwide TV-FM DX Association



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# THE WORLDWIDE TV-FM DX ASSOCIATION

*Serving the UHF-VHF Enthusiast*

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: DOUG SMITH, GREG CONIGLIO, KEITH MCGINNIS AND MIKE BUGAJ.



*Editor and publisher:* **Ryan Grabow**

*Treasurer:* **Keith McGinnis** wtfda.org Webmaster: **Tim McVey**

Forum Site Administrator: **Chris Cervantez**

*Editorial Staff:* **Jeff Kruszka, Keith McGinnis, Fred Nordquist, Nick Langan, Doug Smith, John Zondlo and Mike Bugaj**

Website: [www.wtfda.org](http://www.wtfda.org); Forums: <http://forums.wtfda.org>



## The Mailbox

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P.O. Box 501 Somersville, CT 06072

Mike Bugaj - Enfield, CT [mikeb@wtfda.org](mailto:mikeb@wtfda.org)



NOVEMBER 2016

### Dues Received

DATE	NAME	S/P	EXP
9/30/2016	David Mackes	DE	9-17
9/30/2016	NRC		
10/1/2016	Heidi F. Roach	PA	9-17
10/3/2016	Ron Cesarek	FL	10-17
10/12/2016	Ivan Cholakov	FL	10-17
10/13/2016	Bill Swiger	WV	11-17
10/17/2016	Bob Timmerman	IN	11-17
10/20/2016	John Lentz	WI	8-18
10/21/2016	Steve Branch	IL	10-17
10/20/2016	Larry Weil	FL	10-17
10/23/2016	Nigel Ward	ON	11-17

Here are the renewals for this month. We'd like to say welcome to Ivan Cholakov (FL) and Nigel Ward (ON). Nigel is interested in analog TV DX and soon will be the owner of a D100. Ivan has posted a few videos of airplane FM DX on the WTFDA Forums. Thank you all for your support of the WTFDA!

Also note the entry from "NRC". This entry refers to the proceeds from the 2016 combined convention. This year WTFDA received about \$63.00 in profit from that event. So far there have no bids for a convention next year.

### KORNER 9.2



Bryce Foster posted this review of the Korner 9.2 at the WTFDA Forums which I think will interest some people, so here it is.

"Wanted to pass along my experience and some pictures of the Körner 9.2 antenna, which I just recently installed. My goal is to have dual Körner antennas in a phased arrangement, through a Bolin Phase box I've been using for a couple of years. Previously, I've had (2) 10 element antennas, an older Winegard 6065P (which is getting tired from 13 years outdoors) and an Innovantenna 10 element antenna (which I think is a fantastic antenna, but the pattern isn't anything to write home about).

I purchased 2 of these antennas recently, which are available from Antennaland in Germany through fellow DXer and WTFDA'er Les Rebyrn (username N1LF on this forum, see the e-mail to the WTFDA e-mail list for more details on purchasing). They arrived in an average-for-an-antenna sized box, well packed with a few sections of boom, 18 element sections and assorted hardware. Assembly took about an hour, but was straightforward with easy, graphical instructions.

I am impressed with the quality of the materials. For those who have experienced Innovantennas, my non-scientific evaluation is that the "sturdiness" level is similar. It is a world above the build quality of Winegard, Antennacraft, Channel Master, etc. However, with that quality does come a couple of extra pounds versus the cheaper brands.

For how much smaller than it is vs. the prior antenna, a Winegard (also pictured), performance is very impressive. Although this antenna isn't a "deep fringe" high gain monster, most of us, including myself, live in crowded RF environments where a sharp pattern is far more useful than gain. A handful of busy frequencies are much more workable and the pattern is as advertised (very good). For example, 98.5 WGIC is a 50kw station, 63 miles due east. The Körner can be turned to 150 degrees where WSB-FM in Atlanta (211 miles, 100kw) can be easily heard, and at 220 degrees, WZLQ in Tupelo, MS (200 miles, 100kw) is also very solid... neither of which are bothered by WGIC with the exception of aircraft scatter. This is a notable improvement over both 10 element beams which struggle with WGIC and similar stronger semi-locals. This has also come in handy with the translator situation, which will further improve with homogenous Körner antennas in a phased pair.

Please feel free to reach out to me for any questions, and see attached for some pictures of the installation. I included a close-up photo, one with me holding the antenna for size perspective, the final installation, and the previous antenna (Winegard 6065P) for reference."

Another forum member and NRC member, Patrick Martin, also posted his impressions. You decide.

"I got my Korner 9.2 yesterday from UPS from Les. It took me a while to figure out everything and the directions were in German. I opened the box, and found everything there. No damage shipping from AL. The first thing I noticed, was how well the materials are built. The tubing is much thicker than on any antenna I have used. Everything is well designed and built to last. I bought 3- FM6's last year and I have one left. The coastal salt air and winds just does not help either. The FM6 antenna worked fine when first installed, but soon in our weather the connections

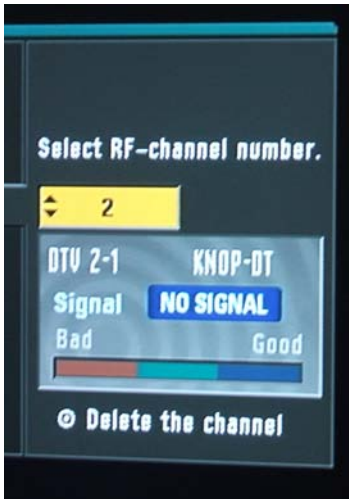
between the elements deteriorated to the point where the antenna work work okay one day and not so good another day. Then add to that, any rain seemed to short out the FM6 as the gain dropped a lot. The old adage, a person gets what they pay for. But in the case of the FM6, I had little choice as there wasn't anything else available at the time. Moving back to the 9.2, as I said it took me a while to get it built. Before I went to bed last night I had the frame all done, leaving only the elements to be added. Then I added those this morning, took it out and put it on the pole. The antenna is much larger than I thought, especially with the gigantic reflector on the end. Nine elements in total and about 82 inches in length. The FM6 is at 68 inches. Plus several of the elements on the 9.2, are longer. The antenna weighs about 10 pounds when completed, and as Brian said has more wind load than the FM6. That is for sure. clamping to my 20 foot pole and raising it was not an easy task, but it up. It seems a bit top heavy, so I plan to lower the antenna to 15 feet where the FM6 was last year. In the Spring I may raise it after our Pacific storms are over. I don't want to worry about it. The info claims it can handle at least a 85 MPH wind, but I am going to baby this as I may never be able to buy another. First observations. I pointed in to the East where I found KPQ FM 102.1 Wenatchee WA a bit stronger than on the FM6, at 200 miles. Then to 98.5, where after the Olympia WA station came back on (98.5), I pretty much lost KEYG Grand Coulee WA, but now splitting hairs, I have KEYG back. Rather poor, as I have to null Olympia, but it there. Many stations are popping into HD better and others that did not with the FM6, at least try with the flashing logo on the Sony. During rain today, the antenna continues to work just fine. No exposed connecting lines to short out either. The nulls are pretty sharp, but I still get too much interference from Seaside LOS off the back. It is far better than the FM6, but still more interference than I like. When I had the FM6 at 15 feet rather than 20 feet, it was easier to get HD out of Seattle on some co channels, as the antenna being lower, I got less LOS off the back. So at least in my case, height it not always the best way to go. Also Victoria/Vancouver BC stations are weaker with the antenna raised. I do notice, like with my old 6065 I used to have, that clear channels generally have a weak signal or 2-3 signals above the threshold. I did not find that on the FM6. I am very happy with the Korner 9.2. It is about the best I can use here. It is one great antenna to say the least!"

See you all next month! - Mike



# TV News

Douglas E. Smith  
 1389 Old Clarksville Pike  
 Pleasant View, TN  
 37146-8098  
[w9wi@w9wi.com](mailto:w9wi@w9wi.com)  
<http://www.w9wi.com>



**November 2016**






## Abbreviations:


- Aux **A**uxiliary (backup) transmitter
- FTP **F**ailure to **P**rosecute
- ROA **R**equest of **A**pplicant
- STA **S**pecial **T**emporary **A**uthority
- LPDTV **L**ow **P**ower **D**igital **T**V
- DRT **D**igital **R**eplacement **T**ranslator
- # Transmitter is located near here. FCC lists location elsewhere, see notes


## News:


(full-power digital stations in **bold face**; LPTV and translators in regular type; full-power analog stations in ***bold italics***; low-power analog stations in *regular italics*)

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
			
<b>Alabama</b>			
Montgomery	4	WNHT-LD	Call changed from W04DR
Montgomery	15	WIDB-LD	Call changed from W15DI
Montgomery	26	WEYB-LD	Call changed from W26EC
			
<b>Alaska</b>			
Delta Junction	11	K07NJ	Requests power reduction to 560 watts, 63-47-08/145-51-31 (Fort Greely); digital companion to analog channel 7
Healy	12	K12RF	Converted to digital, 360 watts 63-53-07/148-49-38 (Usibelli)


<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
			
<b>Arizona</b>			
Tolleson	31	KPPX-TV	Granted move from ch. 51, 645kw/548m
Tolleson	51	KPPX-TV	Granted Special Temporary Authority for temporary side-mounted ch. 51 antenna while existing top-mounted ch. 51 antenna is replaced with one for ch. 31. 45.7kw/524m.


			
<b>Arkansas</b>			
Fort Smith	23	KKTN-LD	Call changed from K23KT


			
<b>California</b>			
Cloverdale	13	KQTA-LD	Granted conversion to digital with 4 watts, 38-30-32/122-39-44 (KAFX-FM tower near Santa Rosa)
Edwards	43	K43AG	Granted power reduction to 400 watts, 34-28-13/117-18-58 (Victorville)
Greenfield	20	KSCZ-LD	Application to increase power to 15kw, 37-06-39/121-50-37 (Loma Prieta) dismissed
Hemet	21	KDUG-LP	Granted conversion to digital, 5kw
Los Angeles	22	KMRZ-LD	Requests power reduction to 8kw; granted
Redding	41	KRHT-LP	Converted to digital, 15kw
Sacramento	3	KCSO-LD	Requests site change to 38-16-18/121-30-18 (KXJZ-FM tower, Walnut Grove)
San Bernardino	30	KSGA-LP	Granted conversion to digital from analog ch. 64, 1kw, 34-08-33/117-43-16 (Claremont Hills)
Walnut	40	KRMV-LP	Requests power increase to 300 watts, 34-11-17/117-42-12 (San Antonio Heights)


			
<b>Colorado</b>			
Glenwood Springs	7	K07GD	License cancelled
Ted's Place	33	KTDS-LD	License cancelled


			
<b>Connecticut</b>			
Hartford	38	WHCT-LD	Requests site change to 41-29-45/72-37-07


Location	RF Ch	Callsign	Notes
			
<b>Florida</b>			
Key West	10	WFSF-LP	Call changed from W10CQ
Orlando	50	WFEF-LD	Power reduced to 600 watts, 28-34-26/81-27-45
<b>West Palm Beach</b>	<b>12</b>	<b>WPTV-TV</b>	<b>Granted new backup transmitter, 63kw/291m; on the air</b>

			
<b>Georgia</b>			
Albany	17	WDRJ-LD	Call changed from W17DR
Albany	18	WUEE-LD	Call changed from W18EE
Albany	24	WFDY-LD	Call changed from W24DY
Augusta	14	WDMN-LD	Call changed from W14DM
Augusta	20	WCZC-LD	Call changed from W20CZ
Augusta	21	WDRF-LD	Call changed from W21DR
Augusta	24	WMEL-LD	Call changed from W24EL
Augusta	27	WDYH-LD	Call changed from W27DY
Columbus	19	W19DW	Requests power reduction to 3kw
Columbus	21	WCGZ-LD	Call changed from W21CZ
Macon	17	WDYI-LD	Call changed from W17DY

			
<b>Idaho</b>			
Boise	2	KFAK-LD	Call changed from K02RF
Boise	8	KPSW-LD	Call changed from K08PS
Boise	15	KIWG-LD	Call changed from K15IW
Challis	12	K12LS	New station on air, 22 watts, 44-33-09/114-05-21 (Grouse Peak); relays KISU 10
<b>Pocatello</b>	<b>17</b>	<b>KISU-TV</b>	<b>Requests power change to 172kw/465m</b>
Post Falls	22	KXLY – 0819ADR	New Digital Replacement Translator on the air, 15kw, 47-39-34/116-57-48; relays ch. 13 Spokane, Wash.


			
<b>Illinois</b>			
La Salle	29	WAUR-LD	Call changed from WSPY-LD
La Salle	32	WSPY-LD	Call changed from WAUR-LD
Peoria	14	WDLF-LD	Call changed from W14DL
Peoria	16	WKMH-LD	Call changed from W16CT
Springfield	16	WCQA-LD	Call changed from W16CQ


Location	RF Ch	Callsign	Notes
			
<b>Indiana</b>			
Evansville	12	WZDS-LD	Call changed from W12DN
Evansville	14	WELW-LD	Call changed from W14EL
Evansville	19	WDLH-LD	Call changed from W19DL
Fort Wayne	16	WCUH-LD	Call change from W16CU
Fort Wayne	20	WDGM-LD	Call changed from W20DG
Indianapolis	15	WCZA-LD	Call changed from W15CZ
Lafayette	16	WPBI-LD	New to air, 6kw, 40-45-56/87-03-05; requests power increase to 15kw, 40-24-08/86-50-59 (Wolcott); granted & on the air. Fox on 16.1, NBC on 16.2.
Lafayette	35	WECY-LD	Requests power reduction to 5kw, 39-53-39/86-12-20; call changed from W35CY (Indianapolis)


			
<b>Iowa</b>			
Ames	34	KEFB	License cancelled
Ames	48	K48FZ	License cancelled
Cedar Rapids	21	KMIK-LD	Call changed from K21MI
Ottumwa	17	KGLU-LD	Call changed from K17LU


			
<b>Louisiana</b>			
Alexandria	33	K33MP	New station on air, 4.8kw, 31-18-29/92-26-43 (EICB-TV East)

			
<b>Maryland</b>			
Baltimore	11	WBAL-TV	New backup transmitter on air, 12.6kw/286m
Baltimore	38	WMAR-TV	Granted new backup transmitter, same facilities as main


			
<b>Michigan</b>			
Midland	38	WFKB-LD	Call changed from W38FK


Location	RF Ch	Callsign	Notes
			
<b>Minnesota</b>			
Minneapolis	20	WDUE-LD	Call changed from W20DU
Minneapolis	32	<b>WCCO-TV</b>	<b>New backup transmitter on air, 1000kw/349m</b>
Virginia	47	K47IR	Converted to digital, 92 watts


			
<b>Mississippi</b>			
Cleveland	9	WHCQ-LD	Requests power increase to 3kw
Jackson	46	W46CW	<i>License cancelled at request of licensee (analog)</i>

			
<b>Missouri</b>			
Columbia	14	KOIB-LD	Call changed from K14OI
Joplin	18	KJVG-LD	Call changed from K18JV
Joplin	26	KGKY-LD	Call changed from K26KY
<b>Kansas City</b>	<b>42</b>	<b>KSHB-TV</b>	<b>New backup transmitters on air 1000kw/274m &amp; 630kw/306m</b>
St. Louis	23	WODX-LD	Call changed from W23DX


			
<b>Montana</b>			
Dillon	25	K51DW	Requests move from ch. 51.
Pablo	27	KSKC-CD	Granted STA to operate at 800 watts


			
<b>Nebraska</b>			
Lincoln	24	KIJK-LD	Call changed from K24JK


			
<b>New Hampshire</b>			
Colebrook	26	W26CQ	<i>License cancelled</i>


			
<b>New Mexico</b>			
Caballo	18	K18LP	Application for new station, 1.2kw; DCC for K45HJ
Santa Fe	50	KWPL-LD	Call changed from KUMI-LD





<b>Location</b>	<b>RF Ch</b>	<b>Callsign</b>	<b>Notes</b>
			
<b>New York</b>			
Newburgh	22	WEPT-CD	Site change granted to 41-43-07/73-59-46 (WRHV-FM tower, Highland)
Port Jervis	26	W26DB	Converted to digital, 1.87kw, 41-00-35/74-35-38 (Sparta, N.J.)
Port Jervis	32	W32EI	Converted to digital, 1.87kw, 41-00-35/74-35-38 (Sparta, N.J.)
Watertown	45	WVNC-LD	Call changed from W45EI; granted site change to 44-10-14/75-40-35 (Philadelphia, N.Y.); new to the air; requests power increase to 9kw, 43-58-04/75-48-21 (Watertown)


			
<b>North Carolina</b>			
Asheville	23	W23BQ	<i>License cancelled</i>
Greenville	16	WDFH-LD	Call changed from W16DF
Manteo	51	W51DF	<i>License cancelled</i>
New Bern	25	WFEJ-LD	Call changed from W25EJ
Wanchese	6	WMTO-LP	<i>Granted site change to 36-06-1`2/75-49-09</i>
Wilmington	14	WECE-LD	Call changed from W14EC
Wilmington	20	WDZA-LD	Call changed from W20DA
Wilmington	22	WDQB-LD	Call changed from W22DQ
Wilmington	26	WDRL-LD	Requests power increase to 10kw, 34-19-44/78-25-29; call changed from W26DR (Bolton)


			
<b>Ohio</b>			
Cleveland	43	KONV-LD	Call changed from W43DB

			
<b>South Carolina</b>			
Charleston	15	WCYD-LD	Call changed from W15CY
Charleston	19	WDXA-LD	Call changed from W19DX
Charleston	22	WEQA-LD	Call changed from W22EQ


			
<b>South Dakota</b>			
Gettysburg	17	K17KW	Granted power increase to 4kw, 45-23-50/99-56-28 (Lowry)

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
			
<b>Tennessee</b>			
Jackson	15	WDDY-LD	Call changed from W15DD
Jackson	20	WHJK-LD	Call changed from W20DJ

			
<b>Texas</b>			
Amarillo	47	KMZB-LD	Call changed from K47MS
Beaumont	19	KJYK-LD	Call changed from K19JY
Beaumont	23	KUMJ-LD	Call changed from K23MJ
Beaumont	36	K36ID	Site change granted to 30-11-25/93-53-07 (KBMT-TV tower)
Beaumont	50	KOPS-LD	New to air, 56 watts, 30-08-01/94-07-09 (Omega Media Broadcasting); requests power increase to 15kw
Lubbock	25	KRDJ-LD	Call changed from K25MJ
Lufkin	15	KEID-LD	Call changed from K15ID
Lufkin	16	KIMD-LD	Call changed from K16ID
Lufkin	25	KLDT-LD	Call changed from K25LV
Lufkin	33	KKOM-LD	Call changed from K33KO
Lufkin	48	KLNK-LD	Granted power reduction to 5kw, 31-03-44/94-49-37 (Corrigan)
Odessa	8	K08PL	Granted power increase to 3kw, 32-05-51/102-17-21 (KNFM-FM tower)
Rio Grande City	48	K48OL	Requests power increase to 2.5kw, 26-31-00/98-39-06; granted
San Antonio	35	KAXX-LD	Granted power increase to 15kw, 29-41-06/98-26-59
Snyder	42	KABI-LD	Power increased to 1.28kw
Tyler	30	KKPD-LD	Call changed from K30KP
Victoria	7	KBHO-LD	Granted power increase to 1.5kw, 29-18-24/96-07-48 (Wharton)

			
<b>Utah</b>			
Fruitland	32	K32HO	License cancelled

			
<b>Washington</b>			
Cle Elum	6	KDMD-LD	Requests site change to 47-19-29/121-53-18 (Kanaskat); granted

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
			
<b>Wisconsin</b>			
Eau Claire	33	W33DH	Requests site change to 44-54-59/91-41-55 (Elk Mound)

Two big items from Mexico this month.

First, the new Imagen Television network is on the air. Beyond the 39 stations listed below, another 84 stations have been authorized but no channels or call letters are known.

Imagen Television originally planned to use the name Cadena Tres (Network 3). Hence, the "XHCT" call letters and the virtual channel 3 used by almost all transmitters. Due to objections from the U.S., the transmitter at Reynosa (XHCTRM) is using virtual channel 13.

Mexico City	29	XHCTMX	MH Uruapan	36	XHCTUR
AG Aguascalientes	18	XHCTAG	MR Cuernavaca	23	XHCTCU
BN Mexicali	17	XHCTME	NL Monterrey	22	XHCTMY
BS La Paz	22	XHCTLP	OX Oaxaca	16	XHCTOX
CE Campeche	20	XHCTCA	PU Puebla	21	XHCTPU
CH Tuxtla Gutiérrez	27	XHCTCR	QR Cancún	22	XHCTCN
CI Cd. Juárez	31	XHCTCJ	SL San Luis Potosi	33	XHCTSL
CI Chihuahua	29	XHCTCH	SN Culiacán	33	XHCTCI
CL Saltillo	26	XHCTSA	SN Los Mochis	33	XHCTLM
CL Torreón	24	XHCTTR	SN Mazatlán	21	XHCTMZ
CY Colima	24	XHCTCO	SO Cd. Obregón	24	XHCTOB
DG Durango	24	XHCTDG	SO Hermosillo	28	XHCTHE
GN León	26	XHCTLE	TB Villahermosa	36	XHCTVL
GN Celaya	15	XHCTCY	TM Reynosa	22	XHCTRM
GR Acapulco	21	XHCTAC	TM Tampico	25	XHCTTA
GR Chilpancingo	25	XHCTCP	TM Cd. Victoria	20	XHCTVI
HD Ixmiquilpan	16	XHCTIX	VC Coatzacoalcos	16	XHCTLV
JA Guadalajara	28	XHCTGD	VC Veracruz	25	XHCTVE
MC Toluca	14	XHCTTO	YU Mérida	22	XHCTMD
MH Morelia	34	XHCTMO	ZA Zacatecas	27	XHCTZA

Second, the Mexican government has decided to issue national & regional virtual channels:

VC	Network	Notes
<b>NATIONAL NETWORKS</b>		
1	Azteca 13	90 stations headlined by XHDF-TV
2	las estrellas	128 stations headlined by XEW-TV
3	Cadena Tres	37 stations headlined by XHCTMX
5	Canal 5	66 stations headlined by XHGC-TV
7	Azteca 7	89 stations headlined by XHIMT-TV
11	Canal Once	14 stations headlined by XEIPN-TV
14	Una Voz con Todos	26 stations headlined by XHOPMA

<b>REGIONAL NETWORKS</b>		
4	TVCUATRO	XHATO Guanajuato (state govt.)
9	CORTV	XHAOX Oaxaca (state govt.)
10	Canal 10 Chiapas	XHTTG Tuxtla Gutierrez (state govt.)
10	Tele10	XHTPG Tepic (state govt.)
10	CRCT Tlaxcala	XHTLX (state govt.)
12	Hidalgo Radio y TV	(state govt.)
12	Multimedios	XHAW Monterrey
15	Telemax	XEWH-TV Hermosillo (state govt.)
16	Sistema Michoacano de Radio y TV	XHMOR Morelia (state govt.)
17	C7 Jalisco	XHGJG Guadalajara (state govt.)
26		XHCGA Aguascalientes (state govt.)
26	TVMÁS	XHGV Las Lajas (state govt.)
28	RTV Nuevo León	XHMNL Monterrey (state govt.)
34	Radio y TV Mexiquense	XHPTP Pico Tres Padres (state govt.)
46	TV Tabasqueña	XHSTA Villahermosa (state govt.)
<b>OUT OF PATTERN CHANNELS DUE TO U.S. OBJECTIONS</b>		
6		XETV Tijuana (s/b 5)
18		XHCTME Mexicali, XHCTCH Chihuahua, XHCTSA Saltillo, XHCTMY Monterrey, XHCTHE Hermosillo, and XHCTVI Cd. Victoria (s/b 3) (I'm now seeing it suggested these objections have been lifted and these stations are virtual channel 3; however, an objection was filed with regard to XHCTRM Reynosa & that station is using virtual channel 13.)
20		XHEXT Mexicali (s/b 7)
20		XHCJH Cd. Juarez (s/b 7)
21		XHTIT Tijuana (s/b 7)
57		XHUAA Tijuana (s/b 2)
57		XHLAR Nuevo Laredo (s/b 2)

Major virtual channels 6, 20, and 22 are reserved for future national assignments. Local stations are using a variety of virtual channels. 4, 8, 9, and 12 are particularly common. Many are the same as the stations' old analog channels.

Yes, virtual channel 1 has been assigned to the Azteca 13 stations. Why 1 and not 13 I have no idea. Indeed, an earlier release of this table had the Azteca 13 stations using virtual 13.

# FM Facilities Report

Check FM Database at <http://db.wtfda.org> for technical data, formats, slogans and RDS Data for Individual Stations not shown in this Monthly Report.

November 2016

Abbreviations:		
AF- New Station Applied For	NS-New Station Permit Granted	RA>Returns to the Air
Aux- Auxiliary Backup Transmitter	NW-New Station on the Air	ROA-Request of Applicant
CC- Call Change	PC-Power/Height Change Granted	XG-new site granted
CL-City of License	PG-Power Change Granted	XC-transmitter site changed
CX-Canceled	QG-Frequency Change Granted	

AL	Goshen	100.3	WSMX-FM	PC<86m, 31-48-37/86-01-22
AL	Montgomery	94.1	W231DF	PG>250w, 32-22-55/86-17-33; relays WNZZ 950
AL	New Hope	103.5	WHVK	PG>900w/463m
AL	Vestavia Hills	92.7	W224CK	NW 70w, 33-26-36/86-52-50; relays WQOH 1480
AL	Fairhope	89.9	WYFR-LP	NW 28m, 30-33-35/87-53-33 (Fairhope Radio)
AK	Healy	101.7	K269AD	PG<50w, 63-53-07/148-49-38; relays KUAC 89.9
AK	Hope	99.9	K260CY	QG from 100.1, 60-55-07/149-37-11
AZ	Sierra Vista	88.9	KUAS-FM	PG 1.7kw/675m, 31-28-52/109-57-31
AZ	Phoenix	93.7	K229DB	NW 250w, 33-20-05/112-03-40; relays KOY 1230
AZ	Surprise	91.1	K216GN	XG 33-35-39/112-05-08
AZ	St. Johns	91.7	K219LB	XG 34-30-15/109-23-00
AZ	Wickenburg	101.9	K270BA	PG>120w, 33-57-56/112-45-02; relays KLVK 89.1
AR	Ashdown	93.3	KMJI	PG<8kw/148m, 33-27-25/94-10-59
AR	Morrilton	92.5	K242BI	QC from 96.3, 35-08-52/92-52-05; relays KVOM 800
AR	El Dorado	98.7	KLBQ	PG>96m, 33-09-32/92-37-47
AR	Fort Smith	97.5	K248DF	QG from K285AY-104.9, 250w, 35-21-16/94-25-53; CL from Havana; relays KFSA 950
CA	North San Juan	91.5	K218EU	XG 39-23-21/121-10-35; XC
CA	Petaluma	94.5	K233CM	PC>250w, 38-19-56/122-35-40; CL from Napa; relays KZNB 1490
CA	Red Bluff	104.7	K284CL	NW 250w, 40-15-31/122-05-20; relays KBLF 1490
CA	Santa Barbara	103.9	K280FV	PG>250w, 34-28-15/119-40-33; relays KYGA 97.5
CA	Walltown	100.1	K261EF	NW 250w/38m, 38-33-27/121-10-54; relays KEAR-FM 88.1
CA	Willows	98.3	K252FN	NW 250w, 39-31-44/122-10-09; relays KIQS 1560
CA	Yreka	95.9	K240EJ	NW 10w, 41-36-38/122-37-26; relays KKLC 107.9
CA	Modesto	107.9	KGCE-LP	QG from 106.1; QC
CA	Barstow	107.9	K300DC	QG from K282AE-104.3, 70w, 34-38-44/117-17-19; CL from Oakhurst; to relay KIQQ 1310
CA	Halloran Springs	100.9	K265FG	QG from 101.3, 6w, 35-57-55/115-30-05
CA	Lake Los Angeles	101.5	K268CO	NW 10w, 34-32-50/118-12-57; relays KTLW 88.9
CA	Needles	104.1	K281CR	QG from 100.3, 35-05-53/114-31-32; relays KFOX 1340
CA	South Fresno	99.7	K259CF	NW 10w/46m, 36-42-42/119-49-59; relays KOKO-FM 94.3
CA	Woodland	104.7	K284AG	PC>130w, 38-39-20/121-43-08; relays KJAY 1430
CA	Twentynine Palms Base	104.5	KCLZ	QG from 95.5, 6kw
CA	Carpenteria	102.7	K274CJ	PG<25w, 34-22-19/119-25-13; CL from Summerland
CA	Woodlake	106.3	K292HC	QG from K237FL-95.3, 50w, 34-01-10/118-20-47; to relay KFOX 1650
CO	Boulder	96.9	K245AD	PG>250w, 40-00-43/105-11-16; CL from Arvada; relays KKCL 1550
CO	Erie	104.7	K284BY	PG>250w, 40-01-45/105-01-11; relays KLDV 91.1
CO	Glenwood Sprs.	101.3	K267CH	QG from K239AW-95.7, 55w, 39-32-36/107-17-51; CL from Craig; relays KGLN 980

CO	Longmont	92.9	K225BS	PG<85w, 39-53-31/105-14-19
CO	Loma	102.5	KCDC	PG>1.65kw; CL from La Verkin, Utah
CO	Erie	104.7	K284BY	PC>250w, 40-01-45/105-01-11; CL from Masonville; relays KLDV 91.1
CO	Grand Junction	103.7	K279CB	XG 39-03-59/108-44-41
CO	Montrose	93.5	K228EV	PG>250w, 38-28-08/107-53-05; relays KMGJ 93.1
CO	Montrose	102.3	K272FT	QG from K274AF-102.7, 250w, 38-28-08/107-53-05
CO	Palisade	96.9	K245BU	NW 250w, 39-06-23/108-21-14; relays KAFM 88.1
CO	Pueblo	101.9	K297BP	QC from 107.3, 250w, 38-16-40/104-39-15; CL from Laramie, Wyo.; relays KKPC 1230
CT	Derby	106.5	W293AU	PG>35w, 41-16-44/73-11-08
DE	Dover	103.3	W277AH	XC 39-04-09/75-33-33; relays WKVP 106.9
FL	Fort Myers	91.5	WJYO	PG>89m, 26-30-18/81-51-08
FL	Milton	105.9	W293BA	QC from 106.5, 1w
FL	Miami	96.9	WWWO-LP	NW 31m, 25-43-57/80-23-00 (Power One Ministries)
FL	Fort Myers	94.1	W231DC	PG>250w, 26-29-16/81-55-46
FL	Gainesville	92.1	W221DX	NW 99w, 29-40-56/82-24-48; relays WGGG 1230
FL	Melbourne	93.1	W226CF	QG from 92.9, 28-05-13/80-37-28; CL from Port Salerno; relays WMMB 1240
FL	Orlando	101.5	W268CT	QG from W224BU-92.7, 250w, 28-39-08/81-29-40; CL from Lake City; relays WDYZ 990
FL	Port St. Lucie	104.9	W246CP	QC from 97.1; relays WIRA 1400
FL	Orlando	98.5	WHPB-LP	NW 70m, 28-34-27/81-27-46 (Howell Family Consultant)
FL	Saint Cloud	95.9	WGRL-LP	PC>32m, 28-14-26/81-18-09
FL	Port St. Lucie	104.9	W285FN	QG from W246CP-97.1; to relay WIRA 1400
FL	Tampa	92.9	W225CQ	QG from W246BY-97.1, 250w, 28-00-34/82-28-48; CL from Lake City; relays WGES 680
FL	Miami Shores	99.5	WBUJ-LP	NW 33m, 25-52-43/80-11-51 (Barry University)
GA	Atlanta	103.7	W256CE	QC from 99.1, 99w, 33-44-56/84-24-27; CL from Somerset, Ky.; relays WIFN 1340
IL	Chicago	104.7	W284DA	QG from W264BK-100.7, 50w, 41-53-21/87-37-36; CL from Waukau, Wis.; relays WRDZ 1300
IL	Danville	99.5	W258CY	QG from W293AL-106.5, 250w, 40-04-38/87-38-20; CL from Rochester, Ind.; relays WITY 980
IL	Decatur	94.7	W234CI	NW 3w, 39-47-11/88-59-29; relays WZNX 106.7
IL	Quincy	98.9	W255CY	NW 250w, 39-57-04/91-19-53; relays WGEM 1440
IL	Seward Township	101.5	W268AY	PG>250w, 41-53-06/87-37-18; relays WMBI 1110
IL	Flora	99.3	W203AN	QC from 88.5, 250w, 38-40-42/88-29-14; relays WNOI 103.9
IL	Springfield	93.5	W228DL	QG from W259CM-99.7, 250w, 39-47-37/89-36-18; CL from Minier; relays WTAX 1240
IN	Richmond	101.7	W269BP	PG<145w, 39-53-29/84-56-10; relays WQLK 96.1; PC
IN	Decatur	103.5	WDBF-LP	PG<17m
IN	Evansville	103.5	WIAH-LP	NW 31m, 38-02-12/87-34-27 (Mother of the Redeemer Radio)
IN	Indianapolis	95.1	W236CR	PG>250w, 39-53-39/86-12-21; CL from Frankfort; to relay WTLC 1310
IN	Martinsville	106.9	W295BS	NW 250w/78m, 39-26-18/86-27-58; relays WCBK-FM 102.3
IN	Pendleton	102.1	W271BY	NW 250w, 40-10-38/85-43-40; relays WLBC-FM 104.1
IA	Millman	96.9	K245CO	QG from K243CA-96.5, 250w
IA	Des Moines	102.1	K271CO	QG from K241CC-96.1, 99w, 41-35-35/93-37-48; to relay KRNT 1350
IA	Portland	96.9	K221GH	CX, expired Aug. 18th
KS	Wichita	102.5	K273CX	NW 250w, 37-44-04/97-21-08; relays KQAM 1480
KY	Elizabethtown	92.9	W225BS	NW 250w, 37-44-42/85-53-21; relays WQXE 98.3
KY	Glasgow	98.1	W251BT	PG>250w; CL from Pritchardsville; to relay WPTQ 105.3
LA	New Roads	88.3	KPCP	PG>55kw, 30-48-21/91-38-10
LA	Ball	99.7	K298AJ	QC from 107.5, 31-22-40/92-28-27; relays KWDF 840
LA	Shreveport	93.3	K227CY	NW 250w, 32-32-12/93-45-42; relays KOKA 980
LA	Shreveport	94.9	K235CQ	NW 250w, 32-34-27/93-44-34; relays KIOU 1480
LA	Harrisonburg	94.3	WETH	NW 11kw/84m, 31-53-56/91-53-23 (Eternity Records Co.)

LA	Oil City	104.9	WETO	NW 100w/490m, 32-39-58/93-56-00 (Eternity Records Co.)
LA	Rosepine	104.1	KLXN	NW 2.7kw/112m, 31-00-17/93-16-40 (Educational Media Foundation)
LA	Shreveport	94.9	K235CQ	QG from 105.3, 32-34-27/93-44-34; CL from Dumas, Ark.; to relay KIOU 1480
MD	Hagerstown	99.3	W257DZ	NW 30w, 39-37-36/77-42-39; relays WWEG 106.9
MD	Halfway	100.5	W263CR	NW 250w, 39-37-36/77-42-39; relays WWEG 106.9
MD	Pocomoke City	102.1	W264BJ	QG from 100.7, 250w, 38-21-39/75-37-00 CX ROA, going for 98.1 Manassaa, Va. instead
MD	Bethesda	96.7	WQER-LP	PG 71m, 39-06-07/77-09-27
MA	East Boston	94.9	WZMR-LP	NW 36m, 42-22-51/71-02-07 (Zumix) (Monday-Friday 5am-midnight, all day weekends)
MA	East Boston	94.9	WZMW-LP	NW 36m, 42-22-51/71-02-07 (Winthrop Art Association) (Monday-Friday midnight-5am)
MA	Haverhill	97.9	WHAV-LP	NW 152m, 42-46-23/71-06-01 (Public Media of New England)
MI	Lansing	104.7	W284AH	XC 42-43-13/84-31-09; relays KTGG 1540
MI	Newberry	99.7	W259AD	PG>27w, 46-18-53/85-33-45; relays WHWL 95.7
MI	Fort Gratiot Twp.	97.3	W247CU	QG from 107.9, 25w
MI	Detroit	101.5	W268CN	PG>99w, 42-26-53/83-10-23; CL from Charlotte; relays WDTK 1400
MI	Yates	103.9	W280EL	PG>99w, 42-26-52/83-10-23; relays WCXI 1160
MN	Hayfield	98.5	K253CH	QG from K252DM-98.3, 43-53-14/92-50-56
MN	Worthington	100.3	K262AR	PC>250w, 43-37-48/95-40-41; relays KWOA 730
MS	Meridian	99.7	W259BP	NW 250w, 32-18-43/88-41-33; relays WYHL 1450
MS	Magee	96.9	WSMP-LP	PC>28m, 31-52-26/89-43-54
MS	Vicksburg	100.3	WVMK-LP	QG from 96.9
MS	Picayune	100.1	WAON-LP	PG>26m, 30-35-05/89-42-46
MO	St. Louis	98.7	K254CR	NW 250w, 38-36-47/90-20-09; relays WQXQ 1490
MO	St. Louis	106.9	K295CQ	QG from K270CD-101.9, 99w, 38-38-09/90-11-45; CL from Potosi; relays WGNU 920
MO	Springfield	98.1	KDRU-LP	NW 46m, 37-13-00/93-17-11 (Drury University)
MO	Kansas City	92.9	K225CI	NW 160w, 39-09-41/94-28-04; relays KEXS 1090
MO	WV Plains	96.1	K241BY	XG 36-44-48/91-49-56
MO	Cape Girardeau	106.9	K295FB	PG<92w, 37-22-07/89-35-34; to relay WBMV 89.7
MT	Kalispell	96.5	K243CM	QG from K297BJ-107.3, 250w, 48-10-34/114-20-57; CL from Palouse, WA.; relays KGEZ 600
NE	Beatrice	94.7	K234CW	QG from K236BY-95.1, 250w, 40-15-49/96-46-27; CL from Plattsmouth; relays KWBE 1450
NE	Nebraska City	95.5	K236BY	QG from 95.1, 41-07-09/95-59-58; CL from Plattsmouth CX ROA
NE	Omaha	104.1	K281CJ	PG>250w, 41-15-12/96-07-08; CL from Atlantic, Ia.; relays KOMJ 1490
NE	Beatrice	94.7	K236BY	QC from 95.1, 40-15-49/96-46-27; CL from Plattsmouth; relays KWBE 1450
NE	Omaha	106.5	K293CJ	NW 60w, 41-18-40/96-01-37; relays KCRO 660
NV	Sparks	92.1	KWFP	PG>10.5kw
NV	Amargosa Valley	106.1	KZNV	QG from 105.9, 100kw/596m, 36-38-26/115-55-16 CX ROA
NV	Hazen	107.3	KNEZ	XX req. CL from Fernley
NV	Las Vegas	106.1	K291BX	PG>2w, 36-09-43/115-08-06; relays KKVV 1060; NW
NV	Reno	95.1	K236CN	NW 99w, 39-26-56/119-50-04; relays KCMY 1300
NH	Exeter	97.1	W246BP	PC>250w, 43-01-38/70-52-51; CL from Sanford, Me.; relays WXEX 1540
NH	Manchester	95.3	WMNH-LP	PC 32m
NH	Manchester	95.3	WMNH-LP	PG 32m
NJ	Vernon	107.9	WSRX-LP	PG<-7m
NJ	Trenton	104.1	W281BI	NW 250w/49m, 40-16-37/74-49-34; relays WRFF 104.5
NJ	Vineland	102.5	W257DR	CX ROA
NL	Corner Brook	100.1	CKVB-FM	NS 50w/25m, 48-57-30/57-55-52, English community station
NM	Albuquerque	96.9	K230BB	QC form 93.9, 70w, 35-12-53/106-27-02; CL from Fowler, Colo.; relays KDAZ 730
NM	Farmington	106.3	K292KL	NW 95w, 36-41-45/108-13-23; relays KRTZ 98.7
NM	Carlsbad	93.7	K229AS	PC>250w, 32-49-29/104-23-59; relays KSVP 990

NM	Santa Fe	99.9	K294BS	QC from 106.7, 35-42-05/105-57-58; CL from Hereford, Tex.; relays KSWV 810
NM	Truth or Consequences	93.7	K229DE	QG from K291BC-106.1, 250w, 35-40-43/105-59-28; to relay KVSF 1400
NY	Ithaca	101.1	W266CI	NW 45w/-80m, 42-25-24/76-30-08; relays WXHC 101.5
NY	Penn Yan	95.9	W240DK	QG from W260BE-99.9, 85w, 42-37-14/77-15-16; CL from Watertown; relays WFLR 1570
NY	Watertown	100.1	W260BE	QG from 99.9, 45w, 42-53-20/77-19-09 CX ROA; going for 95.9 Penn Yan instead
NY	Cortland	106.5	W293CU	PG>36w, 42-34-26/76-11-16
NY	Fort Greene	95.1	W236CH	PG<27w, 40-45-09/73-58-06 (47th, between 1st & 2nd, Manhattan)
NY	Grand Island	106.9	W295BW	PG>150w
NY	Rochester	107.5	W298CH	QG from 101.1, 96w, 43-10-37/77-28-39; CL from Marathon; relays WXXI 1370
NY	Beacon	106.1	W291CQ	PC>25w, 41-29-20/73-56-53; CL from Monroe; relays WPDH 101.5
NY	Plainview	101.5	W268AN	PC>13w, 40-47-48/73-27-49
NY	Scotchtown	105.1	W275CI	CX ROA
NC	Brevard	101.5	W268CL	NW 10w, 35-10-35/82-40-54; relays WCQS 88.1
NC	Franklin	98.9	W255CR	PG<20w, 35-05-27/83-25-24; relays WHLC 104.5
NC	Hickory	100.9	W265CT	NW 250w, 35-43-20/81-16-38; relays WHQC 96.1
NC	Hickory	101.3	W224BN	QC from 92.7, 115w, 35-43-20/81-16-38; relays WNNC 1230
NC	Hickory	105.9	W290CW	NW 250w, 35-43-20/81-16-38; relays WAIZ 630
NC	Indian Trail	94.5	W234BZ	QC from 94.7, 35-03-40/80-37-03; relays WXRC 95.7
NC	Shelby	101.3	W267CC	QG from W286AV-105.1, 250w, 35-17-28/81-34-03; relays WOHS 1390
NC	Elon	89.3	WSOE	PC<290w/30m, 36-06-30/79-29-27
NC	Winston-Salem	106.1	W271AL	QG from 102.9, 250w, 36-09-29/80-10-40; CL from High Point CX ROA; going for 100.1 Norfolk, Va. instead
NC	Biltmore Forest	96.5	WOXL-FM	PC>9.5kw
NC	Murphy	88.5	WMQS	PG>500w/199m
NC	Charlotte	94.7	W234BY	NW 250w, 35-11-56/80-52-36; relays WXRC 95.7
ND	Flasher	105.9	KKBO	PG<237m, 46-34-19/100-47-42
ND	Williston	101.1	KDSR	PC>100kw/243m, 48-03-31/104-00-05
OH	Mowrystown	90.5	WAOM	PG<1.3kw/54m, 39-01-48/83-47-52
OH	Newark	98.7	W254CT	NW 250w, 40-02-02/82-24-08; relays WCLT 1430
OH	Springfield	98.7	W254BJ	PG<10w, 39-57-42/83-52-05
OH	Cridersville	99.3	WVLO	PG 3kw/70m, 40-43-11/84-06-50
OK	Elk City	89.5	K208FD	PG>37w
OK	McAlester	98.3	K252FQ	NW 250w, 34-59-13/95-42-10; relays KNED 1150
OK	Oklahoma City	95.3	K237GE	PC<10w, 35-32-51/97-29-30; CL from Chickasha; relays KOKC 1520
OK	Tulsa	97.9	K250BN	PG<20w
OK	Wister	89.3	K207DS	XG 35-04-21/94-40-41
OK	Muskogee	102.9	K275CK	XG 35-46-56/95-22-37; NW 250w; relays KBIX 1490
OK	Stillwater	94.5	K233BQ	QC from 94.5, 250w, 36-10-47/97-00-38; CL from Childress, Tex.; relays KSPI 780
OK	Ringwood	104.9	KEUC	NW 100w/21m, 36-23-12/98-14-47 (Okla. Catholic Broadcasting)
OK	Wister	89.3	K207DS	XC 35-04-21/94-40-41
OR	Jordan Valley	90.9	KGCL	NS 230w/267m, 43-24-09/116-54-09 (aux)
OR	Prairie City	102.9	KHKO	QG from 102.3, 1kw/-68m, 44-22-42/118-58-05
OR	Sisters	89.3	KVRA	PC>5kw/176m
OR	Gearhart	93.3	KEUB	NW 6.7kw/45m, 45-57-11/123-56-14 (Radio Beam)
OR	Portland	99.1	KPQR-LP	CX ROA
OR	Butte Falls	97.7	KORJ	PG 1.8kw/182m, 42-31-36/122-38-25
OR	La Grande	101.3	K266AJ	QC from 101.1, 135w, 45-18-35/117-43-58; relays new 102.3?
OR	Salem	93.5	K228FN	QG from K248CD-97.5, 240w; to relay KZZD 1390



OR	Silver Lake	89.5	K208EC	PC<10w, 42-59-01/120-49-46
PA	Huntingdon	97.7	W249DD	NW 108w, 40-24-52/77-54-10; relays WHUN 1150
PA	Sayre	104.1	W281BP	NW 105w, 41-57-36/76-32-58; relays WPHD 96.1
PA	Erie	98.7	W254AJ	PG>250w; to relay WXKC 99.9
PA	Carlisle	102.9	W275CJ	NW 160w, 40-17-23/77-08-10; relays WHYL 960
PA	Jersey Shore	101.7	W269CX	XC 41-11-46/77-07-34
PR	Arecibo	97.9	W250CF	QG from W279BV-103.7, 230w
PR	San Juan	103.7	W279BU	XG 18-16-49/66-06-35; CL from Gurabo; to relay WCMA 1600
QC	Rouyn-Noranda	89.9	CBFX-FM-4	PG>10.912kw/110m, 48-15-55/79-02-00
QC	Rouyn-Noranda	90.7	CHLM-FM	PG<11.422kw/110m, 48-15-55/79-02-00
SC	Irmo	91.7	W219CY	PG>250w, 34-07-06/80-56-13; relays WMHK 89.7
SC	Ridgeland	102.7	WXJP-LP	PG 31m, 32-13-25/80-51-00
SC	Spartanburg	96.7	WSEJ-LP	NW 34m, 34-57-08/81-55-33 (St. Paul the Apostle Catholic School)
SC	WVminster	96.7	WVGC	PG>23.5kw/103m, 34-34-19/82-56-41
SC	Rock Hill	100.1	W261CY	QG from W255CU-98.9, 85w, 34-54-33/81-00-09; CL from McRae, Ga.; relays WRHI 1340
SC	Union	98.3	W252DM	QG from W278BE-103.5, 34-45-32/81-38-10
TN	Hendersonville	103.9	WHQV-LP	PC>26m
TN	Maryville	101.3	W267CK	QG from W266CN-101.1, 215w, 35-46-13/83-56-20; CL from Hillsboro, Ohio; relays WKVL 850
TN	Wartburg	95.5	W238CP	XG 36-11-14/84-37-38
TN	White Bluff	106.3	W292FB	QG from W239BY-95.7, 200w, 36-08-05/87-12-54; CL from Florence, Ala.; relays WQSE 1030
TN	Bristol	105.7	W289BZ	NW 250w/679m, 36-25-53/82-08-16; relays WTFM 98.5
TX	Comanche	103.9	KCXX	NW 350w/5m, 31-53-53/98-35-57 (William W. McCutchen, III)
TX	Giddings	96.3	KGID	PG<4kw/101m, 30-11-38/97-01-54
TX	Santa Anna	105.5	KSZX	NW 12kw/12m, 31-38-15/99-13-04 (William W. McCutchen, III)
TX	Anahuac	99.5	K255CV	QC from 98.9, 100w, 29-41-52/94-24-09; CL from Winnie; relays KIOC 106.1
TX	Houston	101.5	K268CW	XG 29-27-56/95-13-23
TX	Houston	103.3	K277DE	QG from K228FC-93.5, 250w, 29-59-34/95-28-17; CL from Kingsville; relays KNTH 1070
TX	Odessa	94.1	KIDC-LP	NW 7m, 31-49-42/102-23-00 (Iglesia del Camino, La Verdad, y La Vida)
TX	Dallas	96.7	K244FC	PG<99w, 32-35-25/96-58-23; CL from De Soto
TX	El Paso	101.7	K269GF	PG>10w, 31-48-57/106-29-18
TX	Hereford	102.5	K219LO	QC from 91.7
TX	Rosenberg	107.9	K300DB	QG from K297BT-107.3, 29-41-27/95-58-17; CL from Sealy; to relay KKBQ 92.9
TX	Sequin	100.9	K265FF	QG from K266BW-101.1, 140w; CL from Luling
TX	Waco	94.1	K231CG	PG>250w
TX	Fort Worth	104.1	KLEJ-LP	PG<22m, 32-45-35/97-21-21
TX	Bangs	97.9	KBNX	NW 1.2kw/111m, 31-43-25/99-05-51 (William W. McCutchen, III)
TX	Mertzon	103.5	KBJX	NW 36kw/174m, 31-15-24/100-51-51 (William W. McCutchen, III)
TX	Austin	103.9	K280GN	NW 170w, 30-19-10/97-48-06; relays KFIT 1060
TX	Conroe	96.1	K241CQ	QG from K268CJ-101.5, 40w, 30-17-39/95-25-56; CL from Livingston; to relay KJOZ 880
TX	Houston	92.5	K223CW	PG>18w, 29-49-33/95-22-36; CL from George WV; to relay KCOH 1230
TX	Mineral Wells	97.5	K248BY	PC<100w, 32-47-02/97-55-09
VI	Frederiksted	107.9	WLDV	PG 3kw/344m, 17-45-24/64-47-59
UT	Fairfield	103.9	K280GJ	PG<200w, 40-16-57/111-56-10; CL from Moroni
VT	Barre	105.7	W289CH	NW 30w, 44-09-30/72-28-46; relays WSNO 1450
VA	Chincoteague	101.5	WOWZ	NW 5kw/72m, 37-51-15/75-33-19 (Jackman Holding Co.)
VA	Hampton	104.9	W285FM	QG from W214BJ-90.7, 2140w, 37-02-18/76-18-29; CL from Murfreesboro, N.C.; relays WTJZ 1270
VA	Harrisonburg	107.5	W298BR	PG>10w, 38-27-08/78-54-32; to relay WTTX-FM 107.1

VA	Richmond	99.3	W265AL	QC from 100.9, 1w, 37-30-45/77-36-05; CL from Harrisville, W.Va.; relays WFTH 1590
VA	Manassas	98.1	W251CH	QG from W264BJ-100.7, 250w, 38-47-16/77-19-47; CL from Pocomoke City, Md.; to relay WURA 920
WA	Spokane	100.7	K264CH	PG>250w
WA	Spokane	105.3	K287BV	NW 99w, 47-35-41/117-17-53; relays KXLX 700
WA	Auburn	89.9	KGRG-FM	PC 230w/116m
WA	Bellingham	96.5	K243BX	PG>250w, 48-46-34/122-26-25; relays KGMI 790
WA	Bellingham	97.3	K247CM	PG>250w, 48-46-34/122-26-25; relays KPUG 1170
WA	Bellingham	98.9	K255DC	QG from 95.5, 250w, 48-46-34/122-26-25; CL from Twisp; to relay KBAI 930
WA	Oak Harbor	99.5	K258CW	NW 250w, 48-16-56/122-42-26; relays KRPA 1110
WA	Bellingham	94.9	KZAX-LP	PG>-17m, 48-44-52/122-28-40
WA	Bellingham	102.3	KMRE-LP	PG>-13m, 48-44-52/122-28-40
WA	Twisp	105.5	KFAC-LP	PG>-260m
WA	Spokane	95.7	K239CL	QG from K237DS-95.3, 172w, 47-35-58/117-17-57; CL from Pendleton, Ore.; to relay KMBI 1330
WA	Ellensburg	96.1	KGRU-LP	CX ROA
WV	Webster Springs	89.3	WVWS	PC<135w/248m
WV	Colliers	94.9	W235BX	NW 140w, 40-22-53/80-36-00; relays WEIR 1430
WV	Parkersburg	106.9	W293CW	CX, expired Sept. 10
WI	Madison	97.7	W249DH	QG from W227BL-93.3, 225w, 43-03-03/89-29-13; CL from Galena, Ill.; relays WHIT 1550
WI	Howards Grove	95.3	W237CE	PC>80w, 43-47-30/87-52-03; relays WYVM 90.9
WI	Shorewood	105.5	W285FG	CX ROA
WY	Evanston	91.9	KPMD	QC from 88.1, 215w/457m
WY	Clearmont	104.9	KLQQ	PC<31kw/366m

Note: This column will end with the December 2016 issue unless someone comes forth to continue it. It is up to You to keep this column going if you really want to see it continue.



## Interested in contributing to the VHF-UHF Digest?

We're looking for a dedicated FM DXer to take over the *FM News* column. E-Mail Ryan Grabow if you're interested.

[ryang@wtfda.org](mailto:ryang@wtfda.org)



## UPCOMING METEOR SHOWERS

DATA FROM THE  
AMERICAN METEOR SOCIETY  
[amsmeteors.org](http://amsmeteors.org)



Shower	Activity Period	Maximum		Radiant		Velocity km/s	r	Max. ZHR	Time	Moon
		Date	S. L.	R.A.	Dec.					
Orionids (ORI)	Aug 25-Nov 19	Oct 22	208.9°	06:24	+15.5°	67.1	2.5	15	0500	21
Leonids (LEO)	Nov 05-Dec 03	Nov 18	236.1°	10:17	+21.5°	69.7	2.5	15	0500	18
Geminids (GEM)	Nov 30-Dec 17	Dec 13	261°5	07:33	+32.4°	33.7	2.6	120	0100	13
Ursids (URS)	Dec 17-Dec 24	Dec 22	270°7	14:30	+74.8°	32.6	3.0	10	0500	01

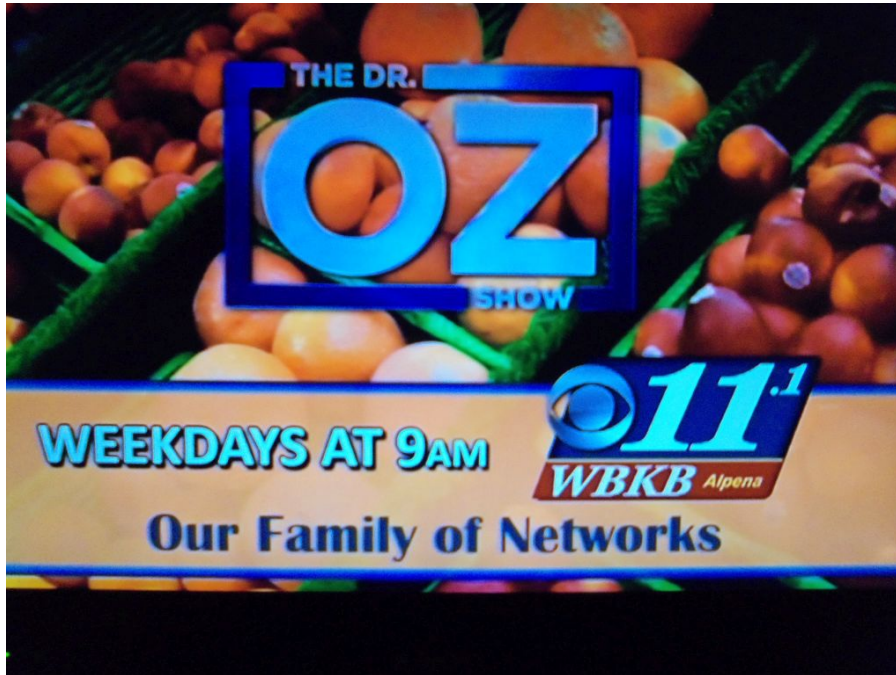


# PHOTO NEWS

Jeff Kruszka  
1909 Lost Lake Pl.  
Pearland, TX 77581  
[jkruzka@sbcglobal.net](mailto:jkruzka@sbcglobal.net)

November 2016

First off, a couple of colorful catches from Ed Phelps (NN2E) somewhere deep in Kentucky:



WBKB-11 Alpena, MI  
602 mi Tr seen 8-23-16



KWCH-12 Hutchinson, KS  
516 mi Tr seen 9-20-16

And 3 recent ones from Andrew Knafel of Akron, OH:



WFRV-39 Green Bay, WI  
394 mi Tr seen 9-24-16



WNMU-13 Marquette, MI  
480 mi Tr seen 9-24-16



WDBJ-18 Roanoke, VA  
278 mi Tr seen 10-14-16



# Coast to Coast TV DX

Featuring reports from the entire United States and all of Canada.

Send reports by the 15<sup>th</sup> of each month to:

Nick Langan  
42 Holly Park Drive  
Tabernacle, NJ 08088  
E-mail: [nickl@wtfda.org](mailto:nickl@wtfda.org)

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## *The Editor's Note*

We would not necessarily say that the fall tropo season across the continent has been overwhelming, but it has had its moments, with several decent openings across the Midwest and east in October. We most definitely tip our hat to Chris Lucas in Poughkeepsie, NY, who uncovered an unattended DTV decode of WSFL-DT 19 from Miami FL, a distance of 1150 miles! We're fairly certain this is the longest DTV decode via tropo logged to date. Chris has had some notable logs all season long, including a ~600 mi. decode into the Charlotte NC area on October 12.

The early November weather pattern looks to continue to favor some tropo chances across the north. As the month goes on, we would gradually expect those opportunities to shift south.

---

**Jim Thomas**  
Springfield, MO

I've been dxing DTV here in SW MO since 2011 and I keep an Excel spreadsheet log. I've decided to start running a log online for the benefit of the WTFDA TV DX Editor, as well as anyone else interested in dxing DTV channels and would like to see what I receive.

My logs are extracted from the Rabbitears autologger program. I use a Zenith converter box and the SiliconDust HDHomerun tuner, fed from a custom made UHF 12 bay antenna (kit bash of a CM 4228 & 4221) and a custom made VHF 2-6 yagi, using a Channel Master 7776 preamp.

OCTOBER 2016 REPORT

RF/VC CALLS CITY/STATE DISTANCE (Miles)  
NEW ReLOG

10-07-16  
22 KGCS-LD Joplin, MO 66.58 R  
27/4 KFOR-TV Oklahoma City, OK 255.4 R

10-08-16  
31/3 KOET Eufaula, OK 180.15 R  
22/23 KOKI-TV Tulsa, OK 153.17 R  
11/11 KOED-TV Tulsa, OK 153.25 R  
24/25 KOKH-TV Oklahoma City, OK 256.92 R  
42/41 KMYT-TV Tulsa, OK 153.17 R  
45/6 KOTV-DT Tulsa, OK 153.25 R  
26/10 KTEN Ada, OK 267.89 R  
29/36 KTUZ-TV Shawnee, OK 256.43 R  
33/34 KOCB Oklahoma City, OK 256.92 R  
20/19 KQCW-DT Muskogee, OK 170.08 R  
40/43 KAUT-TV Oklahoma City, OK 255.4 R

10-09-16  
27 KFTA-TV Fort Smith, AR 115.05 R

10-10-16  
18/5 KFSM-TV Fort Smith, AR 107.78 R

10-11-16  
 Dallas/Fort Worth area back in last night, not quite as intense as a couple weeks ago in September. Looked for the mysterious Spanish audio channel with KSTR 48 but their signal didn't get strong enough to stay in very long.

42/68 KPXD-TV Arlington, TX 383.45 R  
 35/4 KDFW Dallas, TX 381.32 R  
 41/5 KXAS-TV Fort Worth, TX 381.25 R  
 36/27 KDFI Dallas, TX 383.45 NEW  
 30/29 KMPX Decatur, TX 381.04 R  
 14/13 KERA-TV Dallas, TX 381.19 R  
 40/39 KXTX-TV Dallas, TX 381.25 R  
 26/10 KTEN Ada, OK 267.89 R  
 29/21 KTXA Fort Worth, TX 383.45 R  
 48/49 KSTR-DT Irving, TX 383.46 R

22 K22HS-D Eureka Springs, AR 65.46 R  
 41 K41KX-D Joplin, MO 65.16 R

**Dave Pomeroy**

2321 SE Libra Ct.  
 Topeka, Kansas 66605-3505  
[davepomeroy@sbcglobal.net](mailto:davepomeroy@sbcglobal.net)

June 2016

23  
 0700 KFXL-15 Lincoln, NE  
       KSIN-28 Sioux City, IA  
 0745 KMEG-39 Sioux Falls, SD  
 0750 KOLN-10 KLKN-8 Lincoln, NE  
 0805 KCAU-9 Sioux City, IA  
 2050 KDSM-16 KDML-19 Des Moines, IA  
 2210 KCCI-8 Des Moines, IA  
 2215 KCWI-23 Ames, IA  
 2220 KTIN-25 Ft. Dodge, IA  
       KSIN-28 Sioux City, IA  
       KHDS-51 Salina, KS  
 2230 KRSU-36 Claremore, OK  
 24  
 0600 KMEG-39 Sioux City, IA  
       KHIN-35 Red Oak, IA  
       KCWI-23 Ames, IA  
 0630 WTJR-32 Quincy, IL  
       KTVO-33 Kirksville, MO  
 25  
 0515 KAJF-16 Kansas City, IA  
 26  
 2017 KBJO-16 St. Joseph, MO  
 2020 KYOU-15 Ottumwa, IA  
 2022 WQPT-23 Moline, IL

2025 KWQC-36 Davenport, IA  
       WQAD-38 Davenport, IA  
 2100 KMEG-39 Sioux City, IA  
       KOHA-LD 48 Omaha, NE  
       KWKB-25 Iowa City, IA  
 27  
 0600 KTIN-25 Ft. Dodge, IA  
 0800 WISC-50 Madison, WI  
       WBUW-32 Janesville, WI  
 0820 WOI-50 Ames, IA (xltr)  
 0830 KCRG-9 Cedar Rapids, IA  
       KCCI-8 Des Moines, IA  
       WOI-5 Ames, IA  
 0950 KNHL-5 Hastings, NE  
 2125 KSPR-19 KOZL-28 Springfield, MO  
 2130 WATN-50\* Memphis, TN (411 mi)  
 2140 WMAV36\* Oxford, MS  
 2145 WVTJ-48 Jonesboro, AR  
       WPXX-51\* Memphis, TN  
 2240 KTEJ-20 Jonesboro, AR  
 2300 K17FU-17\* Marshfield, MO  
 2325 KBNS-CD 36\* Branson, MO  
 28  
 0030 KARK-32 Little Rock, AR  
 0100 KDOR-17 Bartlesville, OK  
       KOCB-33 KSBI-23 Oklahoma City  
 29  
 0850 KOZK-23 KSPR-19 Springfield, MO

July

5  
 0630 K48KE-48 Buffalo, OK  
       KDCU-31 Derby, KS (over KCWE)  
       KAKE-10 KAKE-21 Wichita, KS  
       KPTS-8 Hutchison, KS  
       KSMI-LP 30 Wichita, KS (over KPXE)  
 0650 KNHL-5 Hastings, NE  
 0755 KNEN-LD 35\* Norfolk, NE  
 0800 KXNE-19 Norfolk, NE  
 0920 KWBE-LD 21\* Beatrice, NE  
       K33AC-33 Pawnee City, NE  
 0955 WCCO-32 Minneapolis, MN  
 1000 KMEG-39 Sioux City, IA  
       KDLT-47 Sioux Falls, SD  
 1020 KSIN-28 KCAU-9 Sioux City, IA  
       KTIV-41 Sioux City, IA  
       K46FG-46 Falls City, NE  
 2046 KSMN-15 Worthington, MN  
 2050 KDSM-16 KDML-19 Des Moines, IA  
 2233 KTIN-25 Ft. Dodge, IA  
 7  
 0900 KDCU-31 Derby, KS  
       KDSM-16 Des Moines, IA  
 0950 KCWI-23 Ames, IA

0955 KMEG-39 Sioux City, IA  
 1000 WTJR-32 Quincy, IL  
 1055 KOZL-28 Springfield, MO  
 8  
 0713 KMEG-39 Sioux City, IA  
 0715 KSIN-28 Sioux City, IA  
 0720 KOCW-14 Hoisington, KS  
 0725 KAAL-36 Austin, MN  
 0745 WOI-5 Ames, IA  
 0800 KCCI-8 Des Moines, IA  
 0827 WLAX-17 LaCrosse, WI  
 0830 WXOW-48 LaCrosse, WI  
 0920 KTIN-25 Ft. Dodge, IA  
 1030 WBXF-CD 28\* Des Moines, IA  
 1044 WTJR-32 Quincy, IL  
 1050 KNSB-4 Superior, NE  
 10  
 0643 KCAU-9 Sioux City, IA  
 14  
 1000 KWQC-36 Davenport, IA  
 WTJR-32 Quincy, IL  
 KDCN-LD 43\* Kansas City, MO  
 (over KTMJ-LD local Fox station @ 10 mi.)  
 WTVP-46 Peoria, IL  
 WXFT-50\* Aurora, IL  
 1020 WPVR-51\* Chicago, IL  
 1025 WCIA-48 Champaign, IL  
 KCWI-23 Ames, IA  
 WYZZ-28 Bloomington, IL  
 WGN-19 Chicago, IL  
 1050 WAND-17 Decatur, IL  
 24  
 1000 KSNL-47\* Salina, KS (over KSMO)

August  
 16  
 0700 KNHL-5 Hastings, NE  
 KNSB-4 Superior, NE

29  
 0830 KDOR-17 Bartlesville, OK  
 KRSU-36 Claremore, OK  
 0840 KNWA-50 Rogers, AR

September  
 26  
 0638 KNWA-50 Rogers, AR  
 0739 KCWI-23 Ames, IA  
 0900 WTJR-32 Quincy, IL  
 WTWO-36 Terre Haute, IN  
 WCIA-48 Champaign, IL  
 0915 KNLC-24 St. Louis, MO  
 0940 KSPR-19 KOZL-28 Springfield, MO  
 0945 KSNF-46 Joplin, MO  
 28  
 0645 KGKC-LD 39\* Lawrence, KS  
 0700 KSNB-4 Superior, NE

October  
 17  
 0655 KNLC-14 St. Louis, MO  
 0700 KGBD-LD 38 Great Bend, KS  
 0810 KLBY-17 Colby, KS  
 0825 KOCB-33 KSBI-23 Oklahoma City  
 0905 KWTV-39 Oklahoma City  
 0915 KAUT-40 Oklahoma City  
 (over local K40IJ-D @ 10 mi.)  
 KOCO-7 Oklahoma City  
 1000 KWKS-19 Colby, KS

Probably the worst year ever for skip and I have been at this since 1953. Only one station identified and that was captured on the Zenith box sometime in late July while we were in Alaska. I thought I would see a lot of Es this summer but it was a bust. The station (new) was WJLP-3 from New York City. Well, at least there was something.



# THIS NOVEMBER, I WANT YOU TO DO YOUR CIVIC DUTY (AS A DXER)!

Get your updated TV and FM stats to Fred Nordquist.  
 Member stats will be published in an upcoming VUD!

[nordquis@homesc.com](mailto:nordquis@homesc.com) (or mail to: 147 Travis Hill Road, Moncks Corner, SC)  
 See TV/FM input forms at <http://www.wtfda.org/kj4bug/dxstats/>



# Northern FM DX



Keith McGinnis  
18 Newbridge St., Hingham, MA 02043  
longwave@comcast.net 781-875-1944

For Dxers in the following states: CT IA ID IL IN MA ME MI MN MT ND NE NH NJ NY OH OR PA RI SD VT WA WI WY and all of Canada. Please submit by the 10<sup>th</sup> of each month.

**EDITOR'S NOTE PLEASE SUBMIT ALL REPORTS IN THE FORMAT SHOWN BELOW.**

***Time(tab)Calls(tab)Freq(tab)City(tab)State(tab)details***

*Formats can either be plain text, Word or Excel as long as format is adhered to. Any submissions in other formats may not be used at editor's discretion.*

***All Submissions must be in to me by the 10<sup>th</sup> of each month.***

**Mike Bugaj – 69 Sherman Road – Enfield, CT 06082**  
**All stations in this report heard on SDRPlay and an APS-13.**

## 7/2/16 Es

1127	KRVS	88.7	Lafayette	LA	3f18	publicKRVS	public media
1127	KIKL	90.9	Lafayette	LA	262f	adult hits	K-LOVE
1127	WKOR	94.9	Columbus	MS	f000	country	
1134	WZBQ	94.1	Carrolton	AL	96d6	r&b	
1134	KLSA	90.7	Alexandria	LA	2ee0	publicps=KLSA	
1134	WMAB	89.9	Ms. State	MS	7459	news	
1134	WJLV	94.7	Jackson	MS	609f	adult hits	ps=K-LOVE
1150	WMAO	90.9	Greenwood	MS	75eb	public	
1157	KTKC	92.9	Springhill	LA	4332	country	
1157	WSYE	93.3	Houston	MS	86a4	adult hits	
1144	WMSV	91.1	Starkesville	MS	7641	college	
1144	WLRK	91.5	Greenville	MS	7378	adult hits	
1146	KRLE	89.7	Carbon Hill	AL	3e06	adult hits	ps=K-LOVE
1150	WJAI	93.9	Pearl	MS	6c74	top 40	
1152	WTUG	92.9	Northport	AL	88 2	r&b	
1152	WQNZ	95.1	Natchez	MS	8053	country	
1150	WQPR	88.7	Muscle Shoals	AL	a87f		
1150	WMAE	89.5	Booneville	MS	745c		



1150	WMSV	91.1	Starkeville	MS	7641	college
1201	WHPY	94.5	Bellevue	TN	68c2	
1201	WKWX	93.5	Savannah	TN	7163	
1203	KHKN	94.9	Maumelle	AR	138d	Little Rock's Greatest Hits
1203	KAGL	93.3	El Dorado	AR	a1a7	classic rock
1203	KDAQ	89.9	Shreveport	LA	17fc	public
1204	WKVF	94.9	Bartlett	TN	7137	adult hits K-LOVE
1204	KRUF	94.5	Shreveport	LA	3ef1	top 40
1211	KFLO-FM	89.1	Blanchard	LA		miracle 89.1 FM
1211	WUMR	91.7	Memphis	TN	8ac1	jazz
1212	WMFS	92.9	Bartlett	TN	74ec	ESPN
1212	WIGH	88.7	Jackson	TN	6a6b	rel music
1215	WTBG	95.3	Brownsville	TN	86f4	ps=WTBG
1215	Unid	95.1				The greatest hits of all time Kool 95
1221	WEIO	100.9	Huntington	TN		True Country 100.9
1221	KBYB	101.7	Hope	AR	1515	
1221	KVLO	101.7	Humnoke	AR	48ao	
1221	KKYR	102.5	Texarkana	TX	a2e9	country
1224	KFLI	104.7	Des Arc	AR	f000	classic rock ps=Cool104.7
1225	KMJX	105.1	Conway	AR	13b1	
1226	KJBX	106.3	Cash	AR	27f5	adult hits mix 106.3
1227	WQAK	105.7	Union City	TN	7ef2	Longview University
1227	Unid	106.5				news from WREG Newschannel3
1227	KHLR	106.7	Benton	AR	28ab	country 106.7 the Ride
1227	KERL	107.3	Cotton Plant	AR	1c55	classic rock
1227	WMJW	107.5	Rosedale	MS	7558	country Magic 107.5
1226	WKDZ	106.5	Cadiz	KY		WKDZ + WHDO radio
1228	KCNY	107.1	Greenbriar	AR	16b2	country
1228	KFEB	107.5	Campbell	MO	1d9d	
1228	KDXY	104.9	Lake City	AR	1a5a	The Fox
1228	WRBO	103.5	Como	MS	81b4	
1231	KOMS	107.3	Poteau	OK		Big country 107.3
1231	KIYS	101.7	Walnut Ridge	AR	27a2	top 40
1231	KRNB	105.7	Decatur	TX	3e	soft r&b smooth r&b 1495miles
1231	KFFB	106.1	Fairfield Bay	AR	1d67	oldies Carters Hardware, FFBay&Shirley
1231	KESN	103.3	Allen	TX	1c71	ESPN
1231	KQBK	104.7	Booneville	AR	5a64	adult hits
1231	KREZ	104.7	Chaffee	MO		The station for the 80s and more 104.7 KREZ
1240	KKIK	106.5	Horseshoe Bend	AR	1765	outlaw106.5.com
1240	KZZA	106.7	Meunster	TX	548e	reg. mexican 1470 miles
1240	KBHI	107.1	Miner	MO		SE MO's Rock Station
1240	KYDA	101.7	Azle	TX	4fae	top 401505 miles
1240	KKIX	103.9	Fayetteville	AR		NW AR's country kix104
1240	KBCN	104.3	Marshall	AR		ferguson.com ESPN
1245	WACR	105.3	Columbus AFB	MS		Southern Soul/today's R&B
1240	KKDY	102.4	West Plains	MO		
1248	KKTZ	107.5	Mountain Home	AR		AR State U in Mtn. Home
1249	KBVA	106.5	Bella Vista	AR		

1249	KRZK	106.3	Branson	MO	421c	Classic Hits 106.3
1250	KMCK	105.7	Prairie Grove	AR		Power 105.7
1252	KJSR	103.3	Tulsa	OK	29a9	
1254	WTNX	106.7	Lawrenceburg	TN		X 106 Country/X 106.7
1254	KBMV	107.1	Birch Tree	MO	13f1	K-LOVE
1255	KJLV	105.3	Hoxie	AR	5A26	adult hits K-LOVE
1256	KYLK	103.7	Okemah	OK	a588	adult hits K-LOVE
1255	KWOZ	103.3	Mountain View	AR		calls given
1255	KKLH	104.7	Marshfield	MO	2b8d	
1256	KOMG	105.1	Willard	MO	3636	
1256	KRVI	106.7	Mt. Vernon	MO	3f0e	classic rock
1257	WLSM-FM	107.1	Louisville	MS	7394	adult hits
1258	KOSN	107.5	Ketchum	OK		
1302	KZNN	105.3	Rolla	MO		
1304	Unid	106.5			14c6	adult hits who?
1311	WZRR	99.5	Birmingham	AL	9877	talk
1311	WBFA	98.3	Ft. Mitchell	AL	57ce	
1311	WVRR	97.5	Pine Level	AL	8deb	
1314	WAOQ	100.3	Goshen	AL		q100.3/Butler Land& Timber Spot
1319	WKSF	99.9	Old Fort	NC	17e9	WLTZ's First Days Weather
1326	WJQX	100.5	Helena	AL	a623	talk ESPN Sammy's 342 Valley Ave.
1326	WXST	99.7	Hollywood	SC	934b	r&b
1326	WBHK	98.7	Worrior	AL	580c	KS=KISS
1326	WWPW	96.1	Atlanta	GA	1740	top 40
1326	WSRV	97.1	Gainsville	GA	85ff	classic rock
1327	WAEZ	94.9	Greenville	TN	5529	top 40
1328	WGCO	98.3	Midway	GA	64c2	country
1329	WWWQ	99.7	Atlanta	GA	910c	top 40Atlanta Fenceandbody.com
1331	WOKI	98.7	Oliver Springs	TN		tnlottery.com
1332	WFFN	95.3	Coaling	AL	626b	country
1332	WSB-FM	98.5	Atlanta	GA	99a3	
1333	WCYQ	100.3	Oak Ridge	TN	a570	country
1334	WASL	100.1	Dyersburg	TN		Jack FM
1336	WTFM	98.5	Kingsport	TN	8762	ps=MUSIC FOR A BETTER DAY
1336	WRJL	99.9	Eva	AL		callsign, country/gospel
1336	WRSA	96.9	Holly Pond	AL	8360	soft rock
1341	WOBB	100.3	Tifton	GA	79bb	country
1341	WNSY	100.1	Talking Rock	GA		La Raza. Reg. Mex.
1345	WKEA	98.3	Scottsboro	AL		K98 & Lake 105.7
1345	WKAA	99.5	Willahoochie	GA	6f10	country 99-5 KIX Country
1346	WCOS	97.5	Columbia	SC	1b6e	country
1346	WWTN	99.7	Hendersonville	TN		calls ment, talk
1346	WKSW	98.5	Cookeville	TN	70fa	top 40
1347	WLVU	97.1	Belle Meade	TN	73ea	adult hits
1348	WVRC	98.1	Spencer	WV		WVRC 1st Alert Weather Center
1349	WISK	98.7	Americus	GA		Todays Best Cntry 98.7 WISK
1349	WWMS	97.5	Oxford	MS		
1350	WRFX	99.7	Kannapolis	NC	1225	also hrd yrs ago via TR and MS
1351	Unid	95.1				Bristol's Big Cntry Station ?? U95.1?

1353	WCDZ	95.1	Dresden	TN	5a57	adult hits	Star 95.1
1356	Unid	97.3				great country hits	97.3
1356	WKCN	95.3	Fort Benning S	GA	6f51	Kissin 95.3 new hit country	
1357	WMXL	94.5	Lexington	KY	16b9	adult hits	mymix945.com
1358	WHOP	98.7	Hopkinsville	KY			
1358	WLFP	94.5	Germantown	TN			
1400	WGGC	95.1	Bowling Green	KY		Goober 95.1	
1400	WMGI	100.7	Terre Haute	IN		ID "WMGI Terre Haute"	
1400	WVVR	100.3	Hopkinsville	KY	8e4f	country	
1402	WARH	106.5	Granite City	IL	5669	adult hits	
1402	KFEB	107.5	Campbell	MO	1d9d	top 40	
1406	WRVW	107.5	Lebanon	TN	13c4		
1406	WUHU	107.1	Smiths Cove	KY	8a42	top 40	
1406	WTLC	106.7	Greenwood	IN	87f4		
1406	KPNT	105.7	Collinsville	IL	3901	rock	
1406	WLKY	104.5	Lexington	KY	12cb	top 40	
1408	WZZK	104.7	Birmingham	AL	9940		
1420	WEJT	105.1	Shelbyville	IL		Paradise Resort/Casino/dalesrx.com	
1420	WGEM	105.1	Quincy	IL		wgem.com	
1424	WOBR	103.7	Springfield	IL	5cbf	adult hits	
1426	WEAI	107.1	Lynnville	IL		Stay informed with WEAI News	
1441	WKRV	107.1	Vandalia	IL		WKRV & WPND	
1450	WILL	90.9	Urbana	IL	6af1	classical	
1450	KCCK	88.3	Cedar Rapids	IA	1586	jazz	
1450	WMBI	90.1	Chicago	IL	747a	rel talk	
1450	WPBG	93.3	Peoria	IL		93.3 the Drive	
1450	KRNA	94.1	Des Moines	IA		Iowa's Alternative	
1450	WZOC	94.3	Plymouth	IN	981a	classic rock	
1451	WPWX	92.3	Hammond	IN	7e97	r&b	
1452	WQKQ	92.1	Dallas City	IL	7ffc		
1452	WCIC	91.5	Pekin	IL		calls	
1453	WONU	89.7	Kankakee	IL		shine fm	
1453	WVLI	92.7	Kankakee	IL	8d42		
1458	KICG	91.7	Perry	IA		Iowa Public Radio	
1459	WDCB	90.9	Glen Ellen	IL	5cc9	none wdcb .org, jazz	

Jeff Falconer, VA3NN – Clinton ON EN93fo

Sangean HDT-1X, Sony XDR-F1HD, APS-13 at 22 feet, 10db preamp

New=\* New calls={XXXX} t=Tentative Time=ELT Distances=Miles

### July 09 Ms

0712	Unid	88.1	?	OK	Preacher on Oasis Radio Network, RDS PI: KNYD, either KDIM or KMSI
1913	WCUG	88.5	Lumpkin	GA	RDS PS: WCUG / PI: bogus WEFE 823

July 09 Ms

0840	WMAU	88.9	Bude	MS	TLK, RDS PI: "WMPN" 983
1342	WRJA	88.1	Sumter	SC	RDS PS: WRJA 675
1716	WCUG	88.5	Lumpkin	GA	RDS PS: Cougar / PI: bogus WFEF 823

July 12 Es -MUF 101.3

1618	KEOM	88.5	Mesquite	TX	Jingle ID, RDS RT: Your Community Leader / PI: KEOM 1108
1619	KVFE*	88.5	Del Rio	TX	Spanish pop music, "Radio Manatanal" IDs, close to double hop 1450
1627	KEQX*	89.5	Stephenville	TX	C&W music, underwriters list 1194
1647	KPAC	88.3	San Antonio	TX	CLA music, RDS PS: KPAC 1357
1652	KNCT	91.3	Killeen	TX	EZL music, RDS PS: KNCT / RT: Simply beautiful, HD: KNCT 1238
1656	KSCS	96.3	Fort Worth	TX	C&W, RDS PI: KSCS, HD 1130
1658	WACO	99.9	Waco	TX	Traffic report, C&W, RDS RT: WACO-100 Texas #1 Country 1207
1659	Unid	101.3	?	??	C&W, RDS PI: bogus WCBU. beamed SW
1707	KTFW	92.1	Glen Rose	TX	C&W, "Hank FM", RDS PI: KTFW 1188
1707	KRNH	92.3	Kerrville	TX	C&W, RDS PS: RANCH! / PI: KRNH 1342
1711	KLTY	94.9	Arlington	TX	REL:AC, traffic report, RDS PS: artist/song / PI: bogus WIG 1130
1716	KCBI	90.9	Dallas	TX	Traffic report (same as on KLTY 5 min previous) 1130
1717	KOOK	93.5	Junction	TX	C&W, jingle ID, over CBCL 1359
1724	KAWA	89.7	Sanger	TX	REL: AC, RDS PS: WAY-FM / PI: bogus KUPS
1730	KCLL	100.1	San Angelo	TX	AC, "Kool 100" 1327
1735	KFZO	99.1	Denton	TX	Spanish, HD: KFZO / artist/song 1115
1743	KDCD	92.9	San Angelo	TX	C&W, "Lonestar 92-9" 1335
1853	KFRI	88.7	West Odessa	TX	REL: AC, "Air One" 1397
1955	KUAR	89.1	Little Rock	AR	TLK, HD 2 CH: KUAR-2 844
2007	KDQN	92.1	De Queen	AR	C&W, "Number One Country KDQN" 942
2019	KUAF	91.3	Fayetteville	AR	HD 3 CH: KUAF-3 852
2021	KMAG	99.1	Fort Smith	AR	C&W, RDS PS: KMAG99.1 916
2023	KZBB	97.9	Poteau	OK	Top 40, RDS PS: B98 / PI: KZBB 916
2024	{KTCK}	96.7	Flower Mound	TX	Sports, RDS RT: KTCK The Ticket All Sports All The Time, mono, ex WBAP, over CHYM
2102	Unid	88.1	?	OK	REL: AC, RDS PS: artist/song / PI: KNYD, either KDIM or KMSI
2105	KLRC	90.1	Tahlequah	OK	REL: AC, RDS RT: 90.9 KLRC - THE POSITIVE DIFFERENCE 865
2106	KFXI	92.1	Marlow	OK	C&W, RDS PS: KFXI THE REAL COUNTRY GIANT 1075
2107	KZTH	88.5	Piedmont	OK	REL: AC, RDS PS: artist/song / RT: The HOUSE FM / PI: KZTH 1045
2108	KJTH	89.7	Ponca City	OK	REL: AC, RDS PS: The HOUSE FM! / PI: KJTH 975

2109	KRPS	89.9	Pittsburg	KS	Jazz, RDS PS: KRPS-FM 826
2110	KUCO	90.1	Edmond	OK	CLA music, RDS PS: KUCO 1013
2111	KBEZ	92.9	Tulsa	OK	Ads. "Bob FM" 925
2112	KJKE	93.3	Newcastle	OK	C&W, RDS PI: KJKE 1034
2117	KECO	96.5	Elk City	OK	C&W, RDS PS: KECO RADIO 96.5 1111
2118	KHMY	93.1	Pratt	KS	Top 40, RDS PS: MY 93.1 / PI: KHMY 961
2120	KMXN	92.9	Osage City	KY	Ads 803
2121	KWOU	88.1	Woodward	OK	RDS PS: KGOU.ORG / PI: "KGOU" 1066
2125	KMUW	89.1	Wichita	KS	Jazz, RDS PI: bogus KMTV 929

July 12 Es -Double Hop! (or Es/Ms combination?)

2033	XHBW	93.3	Chihuahua	MEX	Briefly, Spanish talk, RDS PS: Magia Digital / PI: bogus WVO, heard last summer as well 1707
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July 13 Es -MUF 101.9

2021	KEOM	88.5	Mesquite	TX	Oldies, RDS RT: Your Community Leader / PI: KEOM 1108
2027	KUHF	88.7	Houston	TX	TLK, HD 3 CH: KUHF-3 1237
2030	KFLO	89.1	Blanchard	LA	REL: AC, "Miracle 89.1" 1032
2031	KEOS	89.1	College Station	TX	Underwriters list, RDS PS: KEOS.ORG, 1000 watts 1209
2053	WQCS	88.9	Fort Pierce	FL	CLA music, RDS PS: WQCS 1118
2115	WMLV	89.7	Miami	FL	REL: AC, RDS PS: K-LOVE / PI: WMLV / RT: artist/song 1247
2117	KCOL	92.5	Groves	TX	Rock, RDS PI: KCOL 1157
2135	KLDN	88.9	Lufkin	TX	Jazz, RDS PS: KLDN-FM / RT: RED RIVER RADIO 1109
2136	KSAU	90.1	Nacogdoches	TX	Rock, RDS PS: KSAU 90.1 1094
2137	KAMU	90.9	College Station	TX	RDS PI: KAMU 1208
2200	KRVS	88.7	Lafayette	LA	Legal ID, RDS PI: KRVS 1093
2201	WMAV	90.3	Oxford	MS	RDS PI: "WMPN" 778
2203	KMFA	89.5	Austin	TX	CLA music, HD: KMFA / Classical Austin 1280
2204	KTYC*	88.5	Nashville	AR	Multi station legal ID, long underwriters list 940
2207	KVET	98.1	Austin	TX	C&W, HD 2 CH: Country Favorites / KVET 1280
2208	KBBT	98.5	Schertz	TX	Ad, HD: KBBT / WWW,THEBEATSA.COM 1357
2209	KUTX	98.9	Leander	TX	RDS RT: KUTX 98.9 THE AUSTIN MUSIC EXPERIENCE 1277
2215	KBGO	95.7	Waco	TX	Ads, RDS PI: KBGO 1194
2216	KNDE	95.1	College Station	TX	HD 4 CH: KNDE-4 1208
2217	KLNO	94.1	Fort Worth	TX	Spanish, RDS PS: artist/song / PI: KLNO 1130

2224	KERX	95.3	Paris	AR	Sports, RDS PS: ESPN 95.3 FM / PI: KERX 880
2256	KLCU	90.3	Ardmore	OK	CLA music, HD: KLCU 1060
2257	KGVB	90.9	Holliday	TX	REL: AC, RDS PS: THE GOSPEL STATION / PI: bogus KYGE 1156
2259	KMOC	89.5	Wichita Falls	TX	REL: AC, HD: KMOC 1133
2301	KWKL*	89.9	Grandfield	OK	REL: AC, RDS PS: K-LOVE / PI: KWKL 1111
2303	KWRI	89.1	Bartlesville	OK	REL: AC, RDS PS: Air 1 / PI: KWRI 878
2304	KUCO	90.1	Edmond	OK	CLA music, RDS PI: KUCO 1013
2305	KNIN	92.9	Wichita Fall	TX	Top 40, RDS PS: 92.9 NIN / PI: KNIN 1133
2306	KARX	95.7	Claude	TX	C&W, "Nash Icon", new format/slogan 1222
2307	KWFX	100.1	Woodward	OK	C&W, RDS RT: SPIRIT COUNTRY KWFX 100.1 1072
2319	KAMY	90.1	Lubbock	TX	"Family Life Radio" 1298

### July 13 Ms

2341	WJSP	88.1	Warm Springs	GA	HD: WJSP 762
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### July 15 Es -MUF 107.9+. Best opening of year so far, lots of short skip <600 mi

1717	WKYU	88.9	Bowling Green	KY	HD 2 CH: WKYU-2, previous Tr / Ms, short skip 524
1718	WMBU	89.1	Forest	MS	REL, "89.1 Moody Alabama" 887
1719	WALN	89.3	Carrollton	AL	REL: AC, RDS PI: WALN 800
1720	WMAB	89.9	Mississippi State	MS	RDS PI: WMAB, HD 2 CH: WMAB-2 818
1721	WMPR	90.1	Jackson	MS	Jazz, RDS PS: WMPR 915
1722	WMPN	91.3	Jackson	MS	Underwriters list, RDS RT: MPB 91.3 Think Radio / PI: WMPN 915
1723	WOHT*	92.3	Grenada	MS	Ads, "Star 92" 810
1733	WPAE	89.7	Centreville	MS	RDS PS: WPAE89.7 1008
1737	WMAO	90.9	Greenwood	MS	TLK, RDS PI: "WMPN" 857
1740	KAYT	88.1	Jena	LA	List of area church services, and thanking listeners for support 1025
1743	KRVV	100.1	Bastrop	LA	R&B, "The Beat", RDS PI: KRVV 941
1744	KUAR	89.1	Little Rock	AR	RDS RT: KUAR FM 89.1 : : UALR Public Radio, HD 844
1745	KHIS*	89.9	Jackson	MO	REL: AC, RDS PI: KHIS 616
1750	KGHY	88.5	Beaumont	TX	Gospel, RDS PS: KGHY / RT: The Gospel Hiway 1145
1751	KMNE	90.3	Bassett	NE	HD: KMNE 912
1756	KXNE	89.3	Norfolk	NE	TLK, RDS PS: KXNE-FM 803
1826	KFLO	89.1	Blanchard	LA	REL: AC, "Miracle 89.1", HD 2 CH: KFLO-2 1032
1828	KMJI	93.3	Ashdown	AR	RDS RT: KMJI FM TODAY'S BEST VARIETY / PI: bogus WXQ 979
1834	KAMS*	95.1	Mammoth Spring	AR	C&W, RDS PI: KAMS 979

1837	KTTG	96.3	Mena	AR	Sports, RDS PI: KTTG / RT: GO HOGS !! 905
1858	WQCS	88.9	Fort Pierce	FL	RDS PS: WQCS, HD 3 CH 1118
1859	WSCF	91.9	Vero Beach	FL	REL, RDS PS: Christian FM, on Sony 1103
1901	WLRN	91.3	Miami	FL	NPR News, RDS PI: WLRN, HD: WLRN 1218
1903	WAYF	88.1	West Palm Beach	FL	REL: AC, RDS PS: artist/song / RT: WAY FM / PI: WAYF 1176
1906	WLFE	90.9	Cutler Bay	FL	Preacher, RDS PS: Life FM 90,9 / PI: bogus WVP 1262
1907	WCMQ	92.3	Hialeah	FL	Spanish ads 1232
1915	WFEZ	93.1	Miami	FL	Classic rock, RDS PI: WFEZ, HD: Easy 93.1- HD 1219
1916	KNIN	92.9	Wichita Fall	TX	Top 40, RDS PS: 92.9 NIN / PI: KNIN 1133
1919	WMGE	94.9	Miami Beach	FL	Spanish, RDS PI: bogus KBWI, HD: WMGE 1218
1920	WAMR	107.5	Miami	FL	Spanish, RDS PS: artist/song / PI: WAMR 1219
1922	WEAT	107.9	West Palm Beach	FL	Soft rock, RDS PI: WEAT 1164
1924	WBZE	98.9	Tallahassee	FL	Ads 917
1925	WFSU	88.9	Tallahassee	FL	TLK, RDS PS: WFSU 902
1931	WSRV	97.1	Gainesville	GA	Classic rock, "The River" 666
1932	WOSN	97.1	Indian Rvr Shores	FL	AC, PS: OCEAN FM / PI: bogus KEYL 1096
1935	WXTB	97.9	Clearwater	FL	Rock, HD: WXTB-2 1066
1936	WQHL	98.1	Live Oak	FL	C&W, RDS PI: WQHL 933
1937	WKTK	98.6	Crystal River	FL	AC, RDS PS: 98.5 KTK / PI: WKTK 991
1938	WBRN	98.7	Holmes Beach	FL	Rock, HD: WBRN / No Rules Rock 1090
1939	KXKC	99.1	New Iberia	LA	C&W, "Nash FM" 1083
1940	WKAAs*	92.3	Willacoochee	GA	C&W, RDS PS: 99.5 KIX / RT: VALDOSTA'S BEST COUNTRY MUSIC /PI: WKAAs 864
1941	WPUP	100.1	Watkinsville	GA	Ads 675
1942	WOBB	100.3	Tifton	GA	C&W, RDS PS: WOBB / RT: artist/song 849
1943	WXSR	101.5	Quincy	FL	Rock, RDS PS: artist/song / PI: bogus KBGJ 917
1944	WSOL	101.5	Brunswick	FL	Ads, RDS PS: V101.5 / PI: bogus KCDR 882
1945	WYUM	101.7	Mount Vernon	GA	Atlanta Braves BB, over CKNX 787
1946	WPNG	101.9	Pearson	GA	Ads, RDS RT: Shine 101.9 / PS: bogus WVO 850
1947	WQLC	102.1	Watertown	FL	Ads, RDS PI: bogus WOZ 925
1948	WYNR*	102.5	Waycross	GA	Ads 859
1949	WMGV*	103.3	Newport	NC	HD: WMGV 636
1950	WRUF	103.7	Gainesville	FL	C&W, RDS PS: THE GATOR / PI: WRUF 960
1951	WDDK*	103.9	Greensboro	GA	Atlanta Braves BB 705
1952	WKGv*	104.1	Swansboro	GA	REL: AC, RDS PS: K-LOVE / PI: WKGv 654
1953	WOKV	104.5	Atlantic Beach	FL	Ads, RDS PI: WOKV, HD: News 104.5 WOKV 920
1954	WKUB	105.1	Blackshear	GA	Ads, RDS PS: WKUB / PI: bogus WXB 858
1955	WBHU*	105.5	St Augustine Bch	FL	Ads, "Beach 105.5" 949
1956	WOCL	105.9	DeLand	FL	Classic rock, HD W CH: WOCL-2 artist/song 1013

1957	WNCT*	107.9	Greenville	NC	AC, RDS PI: WNCT 610
1958	WXLY	102.5	North Charleston	SC	Top 40, RDS PS: Y 102.5 / PI: bogus KAZQ, HD 750
1959	WPUB*	102.7	Camden	SC	Atlanta Braves BB, RDS PS: KOOL1027 / PI: bogus KWI 649
2000	WVSC*	103.1	Port Royal	SC	HD: WVSC 756
2001	WEZL	103.5	Charleston	SC	C&W, RDS PS: artist/song / PI: bogus KART, HD 750
2002	WMGL*	107.3	Ravenel	SC	R&B, RDS PS: artist/song / PI: WMGL 750
2003	WNKT*	107.5	Eastover	SC	Sports, RDS PS: THE GAME / PI: WNKT, mono 681
2004	{WLFF}	106.5	Georgetown	SC	C&W, RDS PS: NASH FM / PI: WLFF, ex WSYN 714
2005	WRXZ*	107.1	Briarcliff Acres	SC	Rock, "Rock 107", RDS PS: WRXZ-FM 682
2006	WUKS*	107.7	Saint Pauls	NC	R&B, RDS PS: OLD SCHOOL 107-7 JAMZ / PI: WUKS 616
2007	WYAV*	104.1	Myrtle Beach	SC	Classic rock, RDS PS: WAVE 104 / PI: WYAV 704
2008	WFJA*	105.5	Sanford	NC	Oldies, RDS RT: WFJA 105.5 CLASSIC HITS, short skip 576
2009	WEZV	105.9	North Myrtle Beach	SC	Soft rock, RDS PS: EASY 105.9 / PI: WEZV, previous Ms 690
2011	KWOX	101.1	Woodward	OK	Severe weather warning 1074
2012	WRUM	100.3	Orlando	FL	Spanish, "Rumba", RDS PS: artist/song / PI: bogus KBJs 1037
2013	WMUV	100.7	Brunswick	GA	REL: AC, RDS RT: The Promise 100.7 / PI: WMUV 882
2014	WJRR	101.1	Cocoa Beach	FL	Rock, HD 3 CH: Orlando's Rock Station / WJRR 1037
2015	{WXYY}	100.1	Rincon	GA	Top 40, RDS PS: artist/song / PI: WXYY, ex WSSJ 782
2016	{WQMP}	101.9	Daytona Beach	FL	AC, RDS RT: 101.9 AMP RADIO / PI: WJHM (old call), ex WJHM 1013
2017	WMXT*	102.1	Pamplico	SC	Classic rock, RDS PS: The Fox / PI: WMXT 671
2018	WZTF	102.9	Scranton	SC	R&B, RDS PS: The Flow / PI: WZTF, previous Ms 669
2019	WGTR	107.9	Bucksport	SC	RDS RT: GATOR / PI: WRXZ (sister stn) 704
2020	WLXP*	88.1	Savannah	GA	REL: AC, RDS PS: Air1 / PI: WLXP 797
2021	WPOZ	88.3	Union Park	FL	REL: AC, RDS PI: WPOZ 1035
2022	WLGI	90.9	Hemingway	SC	REL: AC, RDS PS: RADIO BAHA'I / PI: WLGI 693
2023	WWKA	92.3	Orlando	FL	C&W, HD: WWKA 1038
2024	WRJA	88.1	Sumter	SC	RDS PS: WRJA 675
2025	WKML*	95.7	Lumberton	NC	Ads, RDS PS: TODAY'S COUNTRY / PI: WKML 624
2026	WQBT	94.1	Savannah	GA	R&B, RDS PS: The Beat / PI: bogus KFSN 798
2027	WWWZ	93.3	Summerville	SC	R&B, RDS PS: Z93 / PI: WWWZ 744



2028	WSCC	94.3	Goose Creek	SC	Ad for business in Mount Pleasant	750
2029	{WYEZ}	94.5	Murrells Inlet	SC	Ads. ex WKOA	705
2030	WEAS*	93.1	Springfield	GA	Savannah ads	798
2031	WJBT	93.3	Callahan	FL	R&B, "The Beat", RDS PI: bogus KEUB	900
2032	WMFQ	92.1	Ocala	FL	Top 40, RDS RT: All the Hits Q92 / PI: WMFQ	1003
2033	WCKN*	92.5	Monks Corner	SC	C&W, RDS PS: artist/song / PI: WCKN	750
2034	WJKV*	90.9	Jacksonville	FL	REL: AC, RDS PS: K-LOVE / PI: WKTZ (old calls)	920
2035	WLYU	100.9	Lyons	GA	C&W, RDS PS: Y-101 / PI: WLYU	794
2036	WROQ	101.1	Anderson	SC	Rock, RDS PS: artist/song / PI: WROQ	620
2037	WQIL*	101.3	Chauncey	GA	REL: AC, RDS PS: FAITH-FM / PI: WQIL	779
2039	WXXJ	102.9	Jacksonville	FL	Ads, RDS PI: WXXJ, HD: WXXJ	920
2041	W278BE*	103.5	Union	SC	Atlanta Braves BB //WBCU-1460, 250 watts	609
2043	W279AG*	103.7	Atlantic Beach	FL	REL: AC //WJNJ-1320, RDS PS: artist/song / PI: WJNJ, 250 watts	919
2045	WOKV	104.5	Atlantic Beach	FL	ELK, HD 2 CH: WOKV-2	920
2047	WKBX*	106.3	Kingsland	GA	HD: WKBX	884
2049	WEZI*	106.5	Ponte Vedra Bch	FL	Soft rock, RDS PI: WEZI	920
2050	{WPLL}	106.9	Cross City	FL	REL: AC, RDS RT: 106.9 THE PULSE / PI: WPLL, ex WKZY	968
2051	{WUBB}	106.9	Bluffton	SC	Ads, RDS PI: WUBB, ex WLOW	786
2052	WWJK	107.3	Green Cove Spgs	FL	Rock, RDS PS: 107.3 JACK fm / PI: bogus KEYP, HD 2 CH: JACK-2 / artist/song	919
2053	WFSQ	91.5	Tallahassee	FL	CLA music, RDS PS: WFSQ, on Sony	929
2054	WMGF	107.7	Mount Dora	FL	AC, HD: WMGF	1013
2055	WLNK	107.9	Charlotte	NC	AC, HD: 1079 THE LINK, short skip	569
2056	WAGP*	88.7	Beaufort	SC	Asking for donations at 843-525-0089	777
2057	WLJK*	89.1	Aiken	SC	RDS PI: WLJK	704
2058	WUFT	89.1	Gainesville	FL	RDS PS: WUFT-FM	960
2059	WMHK	89.7	Columbia	SC	Legal ID, "K-Love", RDS PI: WMHK, previous Ms	658
2100	WDAV*	89.9	Davidson	NC	CLA music, RDS PI: WDAV, HD 2 CH: WDAV-2 / WDAV-FM Classical Public Radio, short skip	565
2101	WFAE*	90.7	Charlotte	NC	RDS PS: WFAE-FM, HD: WFAE, short skip	576
2102	WHQR	91.3	Wilmington	NC	HD: WHQR-1, previous Ms, on Sony	678
2103	WKCL*	91.5	Ladson	SC	REL: AC, RDS PS: artist/song / PI: WKCL	736
2104	WXBT*	100.1	West Columbia	SC	R&B, RDS PI: bogus KFBI	659
2105	WWFN*	100.1	Lake City	SC	"Listen to Florence Red Wolves Baseball on WWFN"	671
2106	WAYA*	100.9	Ridgeville	SC	REL: AC, "The Low Country's Way FM"	731
2107	WWDM*	101.3	Sumter	SC	R&B. RDS PS: THE BIG DM / PI: WWDM	661
2108	WAVF*	101.7	Hanahan	SC	AC, "Chuck FM", RDS PS: artist/song / PI: WAVF, over CKNX	750

2109	WSVH	91.1	Savannah	GA	RDS PS: SAVANNAH 91.1, on Sony 791
2110	WSOC	103.7	Charlotte	NC	C&W, RDS PI: WSOC, short skip 579
2111	WRFQ*	104.5	Mount Pleasant	SC	Classic rock, RDS PI: bogus KAUW, HD 2 CH: WRFQ-2 750
2113	WEGX	92.9	Dillon	SC	C&W, RDS PI: WEGX, previous Ms 649
2114	WSIM	93.7	Lamar	SC	AC, "Star 93.7", HD: WSIM 655
2116	WLTR	91.3	Columbia	SC	RDS PI: WLTR, previous Ms 656
2117	WKRR*	92.3	Asheboro	NC	Ads, RDS PI: WKRR, short skip 544
2118	WRZE	94.1	Kingstree	SC	R&B, RDS PS: SwaggaFM / PI: WRZE 687
2119	WPTI*	94.5	Eden	NC	TLK, RDS PI: bogus KFKC, HD 3 CH: 945 WPTI, o/CIBU, short skip 509
2133	WJIS	88.1	Bradenton	FL	REL: AC, RDS PS: Joy FM 1127
2136	WCRJ	88.1	Jacksonville	FL	REL:AC, "Air One", RDS PI: WCRJ 932
2137	WWIO	88.9	Brunswick	GA	Jazz, RDS PS: WWIO 743
2141	KWOU	88.1	Woodward	OK	RDS PS: KGOU.ORG / PI: "KGOU" 1066
2142	KJTH	89.7	Ponca City	OK	REL: AC, RDS PS: artist/song / PI: KJTH 975
2144	KTHF	89.9	Hammon	OK	REL: AC //KJTH-89.7 1096
2221	KVOD	88.1	Lakewood	CO	CLA music, RDS PS: artist/song / PI: KVOD 1251
2225	KLNE	88.7	Lexington	NE	HD: NET 947
2228	KUVO	89.3	Denver	CO	RDS PI: KUVO, HD 3 CH: KUVO-3 1251
2234	KLDV	91.1	Morrison	CO	REL: AC, "K-Love", RDS PI: KLDV 1252
2236	KKPK	92.9	Colorado Springs	CO	AC, "Peak FM", RDS PI: KKPK 1257
2237	KILO	94.3	Colorado Springs	CO	Rock, RDS PS: kilo943 / PI: "KOLI" (wrong PI) 1257
2239	KATC	95.1	Colorado Springs	CO	C&W, RDS PS: NASH FM / PI: KATC 1257
2240	KXPX	96.5	Evergreen	CO	Spanish ads 1264
2242	KKMG	98.9	Pueblo	CO	AC, RDS PS: artist/song / PI: KKMKG 1257
2253	KPAW	107.9	Fort Collins	CO	Rock, HD: KPAW, MUF over 107.9 again! 1223
2256	KJMN	92.1	Castle Rock	CO	Spanish ads 1249
2300	KXDP-LP*	88.75	Denver	CO	"Franken FM", Spanish, legal ID, "Invasora" 1249
2301	KKFN	104.3	Longmont	CO	ESPN Sports, HD: KKFN-1 1248
2305	KCFR	90.1	Denver	CO	BBC News, RDS PS: BBC World Service / PI: KCFR, HD: KCFR 1251
2308	KUNC	91.5	Greeley	CO	BBC News, RDS PS: BBC World Service / PI: KUNC 1235
2311	KUWR	91.9	Laramie	WY	CLA music, RDS RT: Wyoming Public Radio / PI: bogus KWI 1228

#### July 15 Ms

2214	WGLT*	89.1	Normal	IL	RDS PS: WGLT.ORG / PI: WGLT 443
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#### July 16 Ms

1049	KEOM	88.5	Mesquite	TX	RDS PI: KEOM 1108
2205	WCUG	88.5	Lumpkin	GA	RDS PI: bogus WFEF 823

July 18 Es -MUF 89.7

1855	WMLV	89.7	Miami	FL	REL: AC, RDS PS: K-LOVE / PI: WMLV 1247
1940	WKTO	88.9	Edgewater	FL	REL: AC, RDS PS: KLOX (same network) 1006
2000	KAYK	88.5	Victoria	TX	Legal ID, asking for \$\$\$ 1336

July 18 Ms

2010	WMAU	88.9	Bude	MS	RDS PI: "WMPN" 983
2046	WUEC	89.1	Eau Claire	WI	TLK, RDS PI WUEC 499

July 19 Ms

1702	WMAU	88.9	Bude	MS	RDS PI: "WMPN" 983
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July 20 Es -MUF 102.9

1503	WKTO	88.9	Edgewater	FL	REL: AC, RDS PS: KLOX (same network) 1006
1507	WJLU	89.7	New Smyrna Bch	FL	REL: AC, RDS PI: WJLU 1007
1508	WMLV	89.7	Miami	FL	REL: AC, RDS PS: K-LOVE / PI: WMLV 1247
1509	WPOZ	88.3	Union Park	FL	RDS PI: WPOZ, HD: WPOZ 1035
1517	WLRN	91.3	Miami	FL	TLK, RDS PI: WLRN 1218
1520	WSMR	89.1	Sarasota	FL	CLA music, RDS PS: WSMR 1139
1522	WKEZ	96.9	Tavernier	FL	Oldies, RDS PS: Goodtime / PI: bogus WGMX / RT: Upper Keys WKEZ 1282
1523	WRTO	98.3	Goulds	FL	Tropical music, RDS PS: artist/song / PI: WRTO 1247
1532	WLFE	90.9	Cutler Bay	FL	Female preacher, RDS PS: Life FM / PI: bogus WVP 1262
1726	KIKL	90.9	Lafayette	LA	REL:AC, RDS PS: K-LOVE / PI: KIKL 1086
1750	WPAE	89.7	Centreville	MS	Gospel, RDS PS: WPAE89.7 1008
1757	KPCP	88.3	New Roads	LA	Cajun music, RDS PI: KPCP 1046
1759	KZTH	88.5	Piedmont	OK	REL: AC, RDSS PS: House FM / PI: KZTH 1045
1802	KECO	96.5	Elk City	OK	C&W, RDS RT: KECO RADIO 96.5 1111
1807	KBZQ	99.5	Lawton	OK	Soft rock, RDS PI: KBZQ 1102
1809	KWFS	102.3	Wichita Falls	TX	C&W, "Blake 102-3" 1133
1813	KJKE	93.3	Newcastle	OK	C&W, RDS PS: artist/song / PI: KJKE 1034
1816	KRVS	88.7	Lafayette	LA	TLK, HD: KRVS 1093
1817	KWKL	89.9	Grandfield	OK	REL: AC, RDS PS: K-LOVE / PI: KWKL 1111
1847	KUHF	88.7	Houston	TX	HD 3 CH: KUHF-3 1237
2042	CKSB10	88.1	Winnipeg	MB	French, "Ici Radio Canada" 867
2055	KITF*	88.3	International Falls	MB	News, RDS PS: MPR NEWS / PI: KITF, HD: MPR NEWS 658

2056	CKMW	88.9	Winkler	MB	C&W, RDS PS: Country 88 / PI: bogus WSQ / RT: artist/song 875
2057	CIWM*	91.5	Brandon	MB	Legal ID "91-5 The Spirit of Manitoba" 988
2059	CITI	92.1	Winnipeg	MB	Rock //stream 852
2100	{CHPO}	93.1	Portage La Prairie	MB	Legal ID, into "Portage on Line News", ex CFRY1 908
2105	KUND	89.3	Grand Forks	ND	Weather report, HD 2 CH: PPB -2 816
2108	KIZZ*	93.7	Minot	ND	Ads, rock, "Z-94"1005
2110	KZGF	94.7	Grand Forks	ND	Top 40, RDS PI: KZGF, previous Ms 797
2111	KTZU*	94.9	Velva	ND	Classic rock, RDS PS: artist/song / RT: 94-9 THE ZOO! / PI: KTZU 1000
2112	KKWZ*	95.3	Rugby	ND	Weather report 944
2114	KYYZ*	96.1	Williston	ND	C&W. "Dakota Country Z96.1" 1121
2115	KYYX	97.1	Minot	ND	Ads. previous Ms 1001
2118	KKWE*	89.9	White Earth	MN	Native American drumming //stream 717
2119	KMHA	91.3	Four Bears	ND	RDS PS: KMHA-FM 1061
2121	CBWS*	92.7	Brandon	MB	Jazz, "CBC Radio 2", over CJBX 970
2122	CJEL*	93.5	Winkler	MB	Soft rock, "Eagle 93.5" RDS PS: artist/song / PI: bogus WIT, o/CBCL 875
2126	Unid	88.5	?	??	Rock music, weather report (temps in F), "The Q". PTA MN/ND/SD, perhaps KEYA (stream not working)
2129	KMPR	88.9	Minot	ND	CLA music, RDS PI: KMPR / RT: Prairie Public 1003
2130	KPPR*	89.5	Williston	ND	HD 2 CH: KPPW-2 1118
2135	KXWI*	98.5	Williston	ND	C&W, "Coyote Country KXWI" 1121
2140	CKLF	94.7	Brandon	MB	Top 40, RDS PS: STARFM / PI: bogus WQY / RT: 94.7 Star FM Today's Best Music 988
2141	KXDI	93.9	Belfield	ND	C&W, ads, RDS PS: artist/song / PI: KXDI 1063
2143	KZRX*	92.1	Dickinson	ND	Ads, promo for North Dakota Bisons FB games on KZRX 1055
2147	CBWV*	97.9	Brandon	MB	"CBC Winnipeg", mono 970
2152	CBKF4*	91.9	Bellegarde	SK	French, "Ici Radio Canada" 867
2157	KLMP	88.3	Rapid City	SD	Legal ID 1109
2158	CKSB1	88.9	Regina	SK	CLA music, RDS PS: ICI Mus. / PI: bpgus WJH / RT: VOUS ECOUTE ICI MUSIQUE
2209	KKRI*	88.1	Pocola	OK	REL: AC, RDS PS: Air1 / PI: KKRI / RT: artist/song 893
2214	KVRE	92.9	Hot Springs Village	AR	EZL, legal ID 874
2215	KWCV*	88.9	Walnut Ridge	AR	Preacher, RDS PS: KWCV FM 740
2220	KLRE	90.5	Little Rock	AR	CLA music, HD: KLRE, over CKXM 844
2222	KTKC	92.9	Springhill	LA	C&W, RDS RT: KTKC YOUR WEBSTER PARISH COUNTRY STATION 976
2223	KMRX	96.1	El Dorado	AR	AC. RDS PI: KMRX 932
2224	KQHN	97.3	Waskom	TX	RDS PI: KQHN 1014
2225	KTUX	98.9	Carthage	TX	RDS PS: therockstation99x.com / PI: bogus WVO 1029
2229	KVMA	102.9	Shreveport	LA	Ads 1014
2230	KLHV	88.5	Cotton Valley	LA	REL: AC RDS PS: K-LOVE / PI: KLHV 998

July 20 Ms

1834 WGLT 89.1 Normal IL RDS PS: WGLT.ORG / PI: WGLT 443

July 21 Ms

1652 KLHV 88.5 Cotton Valley LA RDS PI: KLHV 998

July 22 Es -MUF 93.3

1505 KZTH 88.5 Piedmont OK REL: AC, "The House FM", on car radio  
1045  
1528 KMOC 89.5 Wichita Falls TX REL: AC, RDS PI: KMOC. HD: KMOC 1133  
1529 KUCO 90.1 Edmond OK CLA music, RDS PS: KUCO90.1 1013  
1533 KWOU 88.1 Woodward OK TLK, RDS PS: KGOU / RT: KWOU 1066  
1537 KMUW 89.1 Wichita KS RDS PI: bogus KMTV 929  
1538 KNGM 88.9 Guymon OK REL: AC, KJIL calls 1155  
1540 KJKE 93.3 Newcastle OK Ads, RDS PI: KJKE 1034  
1609 KJLJ 88.5 Scott City KS REL: AC, KJIL calls 1155  
1906 KVOD 88.1 Lakewood CO CLA music, RDS PS: artist/song / PI: KVOD  
1251  
1909 KUVO 89.3 Denver CO Jazz, RDS PI: KUVO 1251  
1911 KCFR 90.1 Denver CO TLK, RDS PI: KCFR, HD 2 CH: KCFR 1251  
1912 KLDV 91.1 Morrison CO REL: AC, RDS PS: K-LOVE / PI: KLDV 1251

July 22 Tr

1620 WUWM 89.7 Milwaukee WI "Milwaukee Public Radio" 322  
1920 WZOC 94.3 Plymouth MI Oldies, RDS PS: Z94.3 / PI: WZOC / RT:  
artist/song 281  
1922 WBEZ 91.5 Chicago IL Calls 331  
2348 WVPE 88.1 Elkhart IN Jazz, HD: WVPE-FM 274

July 22 Ms

1740 KNTU 88.1 McKinney TX Jazz, RDS PI: KNTU 1102

July 23 Ms

1210 WCUG 88.5 Lumpkin GA RDS PS: Cougar / PI: bogus WFEF 823

July 23 Es -MUF 98.3

1830 ZBM 89.1 Hamilton BER Pop music //stream 1199  
1857 VRBF\* 98.3 Hamilton BER Reggae music, "Irie 98.3 FM" 1199  
1913 WQCS 88.9 Fort Pierce FL Jazz, RDS PS: WQCS, HD 1118  
1935 WFSU 88.9 Tallahassee FL Prairie Home Companion, RDS PS: WFSU  
902

1942	WOLR*	91.3	Lake City	FL	Spanish REL, RDS PS: Faith Radio / PI: WOLR 938
1953	WWLC	88.5	Cross City	FL	Concert promo, "Spirit FM" 967
2021	WYUU	92.5	Safety Harbor	FL	Spanish, RDS PI: WYUU 1090
2028	WTJT	90.1	Baker	FL	Underwriters list 929
2030	WCTQ	92.1	Venice	FL	C&W, RDS PI: bogus KBKK / RT: Suncoast Country now on 92.1 1136
2033	WXVS	90.1	Waycross	GA	Blues, RDS PS: WXVS90.1 856
2038	WSMR	89.1	Sarasota	FL	CLA music, RDS PS: WSMR.org 1139
2039	WUSF	89.7	Tampa	FL	Jazz, RDS RT: WUSF89.7 Jazz Night in America 1088
2040	WFLZ	93.3	Tampa	FL	Top 40, RDS RT: 93-3-FLZ / PI: bogus KBEH 1088
2046	W252DF*	98.3	Sarasota	FL	Tampa Bay Rays BB //WSRQ-1220, RDS PI: WSRQ, 215 watts 1124
2107	KLHV	88.5	Cotton Valley	LA	REL: AC RDS PS: K-LOVE / PI: KLHV 998

July 24 Es -MUF 88.9

1151	WFSU	88.9	Tallahassee	FL	TLK, RDS PS: WFSU 902
1151	KLHV	88.5	Cotton Valley	LA	REL: AC RDS PS: K-LOVE / PI: KLHV 998
1152	KLDN	88.9	Lufkin	TX	CLA music, RDS PS: KLDN-FM / RT: RED RIVER RADIO 1109

July 25 Ms

1753	WCUG	88.5	Lumpkin	GA	RDS PI: bogus WEFE 823
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July 26 Es -MUF

1953	KJLJ	88.5	Scott City	KS	REL: AC, KJIL calls 1155
2029	Unid	88.1	?	OK	Preacher on Oasis Radio Network, RDS PI: KNYD, either KDIM or KMSI
2118	KVDM	88.1	Hays	KS	Catholic REL, RDS PS: KVDM 979
2124	KMML	92.9	Cimmaron	KS	Spanish ads 1057
2125	KHMY	93.1	Pratt	KS	RDS PI: KHMY 961
2128	KJVL	88.1	Hutchinson	KS	REL: AC, KJIL calls 939
2131	KHCC	90.1	Hutchinson	KS	HD 4 CH: KHCC-4 930
2135	KMUW	89.1	Wichita	KS	Blues, RDS RT: KMUW Wichita / PI: bogus KMTV 929
2126	KWOU	88.1	Woodward	OK	RDS RT: KWOU 88.1 Woodward / PI: "KGOU" 1066
2139	KANH	89.7	Emporia	KS	CLA music, RDS PI: KANH, HD 2 CH: KPR -2 842
2141	KJTH	89.7	Ponca City	OK	REL: AC, RDS PS: artist/song / PI: KJTH 975
2151	KTHF	89.9	Hammon	OK	REL: AC, RDS PS: artist/song / PI: KTHF 1096

2155	KTBG	90.9	Warrensburg	MO	AC, RDS PS: artist/song / PI: KTBG 715
2156	KPIO	93.7	Pleasanton	KS	Rosary 792
2221	KKRI	88.1	Pocola	OK	REL: AC, RDS PS: Air1 / PI: KKRI / RT: artist/song 893

July 26 Ms

2316	WCUG	88.5	Lumpkin	GA	RDS PI: bogus WFEF 823
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July 30 Es -MUF 101.1

1009	KGHY	88.5	Beaumont	TX	Gospel, RDS PS: KGHY / RT: The Gospel Hiway 1145
1048	WQCS	88.9	Fort Pierce	FL	TLK, RDS PS: WQCS, HD 3 CH: WQCS-3 1118
1106	WJLU	89.7	New Smyrna Bch	FL	REL: AC, RDS PS: artist/song / PI: WJLU 1007
1117	WFLJ	89.3	Frostproof	FL	REL: AC, RDS PS: TheJOYFM / PI: WFLJ 1107
1118	WAFZ	92.1	Immokalee	FL	Spanish ads 1183
1119	WRXK	96.1	Bonita Springs	FL	Ads. RDS PS: 96K / PI: WRXK, HD: WRXK 1185
1121	WAVV	101.1	Marco	FL	Beautiful music, RDS PS: WAVV 101 / HD 2 CH: WAVV-2 1202
1125	WINK	96.9	Fort Meyers	FL	Classic rock, RDS PS: WINK FM / RT: artist/song 1159
1127	WHNJ	95.7	Big Pine Key	FL	Religious music, RDS PS: WHNJ, mono 1305
1129	WWOJ	99.1	Avon Park	FL	DJ banter, C&W, RDS RT: WWOJ - Best Country / PI: bogus WAN 1110
1131	Pirate	87.9	?	FL	Creole talk / music. Miami area?
1136	WMAW	88.1	Meridian	MS	RDS PI: "WMPN" 892
1138	WGCU	90.1	Fort Myers	FL	HD 3 CH: 90.1WGCU 1158
1144	WAYJ	89.5	Naples	FL	Preacher, "Way FM" 1206
1140	WSOR	90.9	Naples	FL	Preacher, RDS PS: WSOR 1191
1156	WLAZ	89.1	Kissimmee	FL	Spanish, RDS PS: PURA PALABRA / PI: WLAZ 1065
1157	WSMR	89.1	Sarasota	FL	CLA music, RDS PI: WSMR 1139
1801	WFCF*	88.5	Saint Augustine	FL	Underwriters list, weather report 949
1806	WWIO	88.9	Brunswick	GA	RDS PS: WWIO, HD: WWIO 743
1808	WJCT	89.9	Jacksonville	FL	Prairie Home Companion, HD 3 CH: WJCT-3 919
1809	WPOZ	88.3	Union Park	FL	REL: AC, HD 4 CH: WPOZ-4 1035
1811	WNSS	89.3	Palm Coast	FL	Preacher, RDS PS: WNSS FM 970
1812	WMFE	90.7	Orlando	FL	Prairie Home Companion, HD 2 CH: WMFE-2 1035
1813	WJKV	90.9	Jacksonville	FL	REL: AC, RDS PI: WKTZ (old calls) 920
1814	WHYZ	91.1	Palm Coast	FL	REL: AC //WPOZ-88.3, HD: WPOZ 978

1815	WFLZ	93.3	Tampa	FL	Top 40, RDS PS: 93-3-FLZ / PI: bogus KBEH, HD 2 CH 1088
1816	WWNQ*	94.3	Forest Acres	SC	Ads, C&W, RDS PS: The Dude / PI: WWNQ 664
1818	WWRM	94.9	Tampa	FL	AC, HD 2 CH: WWRM-2 1090
1821	WYUU	92.5	Safety Harbor	FL	Spanish, RDS PI: WYUU 1090
1822	WMFQ	92.1	Ocala	FL	Ads RDS RT: All the Hits Q92 / PI: WMFQ 1003
1824	WQBT	94.1	Savannah	GA	R&B, RDS PS: The Beat / PI: bogus KFSN 798
1825	WULK*	94.7	Crawfordville	GA	C&W, "Lake Country 94.7", weather report 700
1826	WQPW	95.7	Valdosta	GA	AC, "The Mix", RDS PI: bogus WTS 895
1825	WDBO	96.5	Orlando	FL	TLK, RDS PI: WDBO 1038
1833	WGUG	88.5	Lumpkin	GA	Rock, RDS RT: 88.5 Cougar Radio / PI: bogus WFEF 823
1836	WXVS	90.1	Waycross	GA	RDS PS: WXVS90.1 856
1850	WVFS	89.7	Tallahassee	FL	Hip-hop, RDS PI: WVFS 921
1851	WUSF	89.7	Tampa	FL	RDS PI: WUSF. HD: WUSF 1088
1852	WAKU	94.1	Crawfordville	FL	REL: AC, RDS PI: WAKU 946

#### July 30 Ms

1023	KLHV	88.5	Cotton Valley	LA	RDS PI: KLHV 998
1030	WMAU	88.9	Bude	MS	Car Talk, RDS PI: "WMPN" 983
1038	WUFT	89.1	Gainesville	FL	RDS PI: WUFT 960
2217	WVPB	88.5	Charleston	WV	RDS PI: WVPB 361

#### July 31 Ms

0728	WBNH	88.5	Pekin	IL	RDS PI: WBNH 460
0752	WCUG	88.5	Lumpkin	GA	RDS PI: bogus WFEF, again at 0754, 1046, and 2101 823
1117	KZTH	88.5	Piedmont	OK	REL: AC, RDS PI: KZTH 1045
1129	KJNW	88.5	Kansas City	MO	RDS PI: KJNW 741

#### July 31 Es

2015	KWRI	89.1	Bartlesville	OK	REL; AC, RDS PI: KWRI 878
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#### August 01 Ms

0949	KXGT	98.3	Carrington	ND	"...70s, 80s, and whatever Ted FM..." 883
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### August 04 Tr

2002 WDTR\* 88.9 Imlay City MI REL: AC, "Smile FM", ex 89.1 96

### August 06 Tr

0859 WZOR 94.7 Mishicot WI Ads, "Razor 94-7" 315  
0900 WIXX 101.1 Green Bay WI Legal ID 326

### August 06 Ms

2309 WCVE 88.9 Richmond VA RDS PS: WCVE / PI: WCVE 469

### August 07 Ms

1158 KEOM 88.5 Mesquite TX RDS PI: KEOM, again at 1256 1108  
1327 WMAU 88.9 Bude MS TLK. RDS PS: MPB 88.9 / PI: "WMPN", maybe  
Es 983  
1804 KZTH 88.5 Piedmont OK REL: AC, RDS PI: KZTH, again at 1846 1045  
1856 KLHV 88.5 Cotton Valley LA RDS PI: KLHV 998

### August 07 Es -MUF 89.5

1334 WGUG 88.5 Lumpkin GA Alternative rock, RDS PS: Cougar / PI: bogus  
WEFE 823  
1335 WGTF 89.5 Dothan AL Preacher, RDS PS: WGTF-FM 880

### August 08

1946 WCUG 88.5 Lumpkin GA RDS PI: bogus WEFE 823

### August 10 Ms -Perseids

1713 KLHV 88.5 Cotton Valley LA RDS PI: KLHV 998

### August 11 Ms -Perseids

1611 KWQW 98.3 Boone IA RDS PI: KWQW 632  
1613 KXGT 98.3 Carrington ND RDS PI: bogus WFJ 883  
2004 CKSB10 88.1 Winnipeg MB French, "Ici Radio Canada" 867  
2030 KNTU 88.1 McKinney TX "...the KNTU weather outlook..." 1102  
2208 KEOM 88.5 Mesquite TX RDS PI: KEOM 1108

August 11 Es -MUF 88.9

1830	CKSB1	88.9	Regina	SK	CLA music, RDS PS: ICI Mus. / PI: bogus WJH 1177
1904	KWOU	88.1	Woodward	OK	News, RDS PI: "KGOU" 1066
1919	CKMW	88.9	Winkler	MB	Sports, RDS PS: Country 88 / PI: bogus WSQ 875
1931	KRSU	88.5	Appleton	MN	CLA music, RDS PS: MPR / PI: KRSU 723
1932	CJLR3*	88.1	Prince Albert	SK	"MBC Network", talk about Saskatchewan Rough Riders, weather 1287
1938	Unid	88.1	?	OK	REL: AC, RDS PI: KNYD, either KDIM or KMSI
1944	CKSB2	88.7	Saskatoon	SK	CLA music, RDS PS: ICI Mus. / PI: bogus WJH 1290
2008	KOSR	88.3	Stillwater	OK	TLK, HD 2 CH: KOSR-2 972
2009	KZTH	88.5	Piedmont	OK	REL: AC, RDS PI: KZTH / RT: HOUSE FM 1045
2018	KNGM	88.9	Guymon	OK	REL: AC, RDS PS: artist/song / PI: KJIL 1155

August 12 Ms -Perseids

1606	CKSB10	88.1	Winnipeg	MB	French, "Ici Radio Canada" 867
1607	WUWF	88.1	Pensacola	FL	RDS PI: WUWF 959
2240	KSRZ	104.5	Omaha	NE	"...on Star 104.5..." 756

August 12 Es -MUF 107.1

1626	KUQL	98.3	Ethan	SD	Ad for store in Mitchell, "Cool 98", previous Es and Tr! 844
1633	KATR	98.3	Otis	CO	C&W, "Kat Country 98-3" 1121
1640	KJBI	100.1	Fort Pierre	SD	Rock, RDS RT: THE EAGLE / PI: KJBI 937
1643	KOUT	98.7	Rapid City	SD	C&W, RDS PS: artist/song / PI: KOUT 1082
1642	KTPT	97.9	Rapid City	SD	REL: AC, RDS PS: The Breeze / PI: KTPT 1109
1647	KSLT	107.1	Spearfish	SD	REL: AC, RDS PS: KSLT / RT: Family Friendly KSLT 1109
1649	KGWY	100.7	Gillette	WY	C&W, ads, RDS PI: "KLGW" (sister stn) 1194
1653	KYTI	93.7	Sheridan	WY	Ads. RDS PI: KYTI / RT: www.sheridanmedia.com 1269
1654	KKMK	93.9	Rapid City	SD	Ads, RDS PI: KMKK / RT: 93.9 The Mix 1082
1655	KLXS	95.3	Pierre	SD	C&W, ads, "Country 95.3" 937
1657	KLGT	96.5	Buffalo	WY	Legal ID 1257
1659	KPSD	97.1	Faith	SD	Underwriters list, legal ID 1029
1700	KAML	97.3	Gillette	WY	Rock, RDS PS: KAML-FM 1182
1702	KRKI*	99.5	Keystone	SD	C&W, "The Range", legal ID 1109
1705	KBHE	89.3	Rapid City	SD	HD 2 CH: SDPB 1082
1706	KTSD	91.1	Reliance	SD	HD: SDPB 902
1707	KQRQ	92.3	Rapid City	SD	Ads 1082

1714	KKTY*	100.1	Glendo	WY	Ad for businesses in Douglas	1193
1716	KZZS	98.3	Story	WY	Looking for new employees, apply to Big Horn Mountain Radio Net	1257

August 13 Ms -Perseids

1106	KUAR	89.1	Little Rock	AR	RDS PI: KUAR	844
1259	KAKA	88.5	Salina	KS	"...KAKA, Salina..."	903
1711	KLHV	88.5	Cotton Valley	LA	RDS PI: KLHV	998

August 13 Es -MUF 92.1

1732	WLGI	90.9	Hemingway	SC	REL: AC, RDS PS: RADIO BAHA'I / PI: WLGI	693
1903	WUWF	88.1	Pensacola	FL	TLK, HD 3 CH	959
1904	WECQ	92.1	Destin	FL	Ads, RDS PI: WECQ	943
1926	WCUG	88.5	Lumpkin	GA	Hip-hop, RDS PS: Cougar / PI: bogus WEFE	823
2034	WQCS	88.9	Fort Pierce	FL	CLA music, RDS PS: WQCS	1118

August 13 Tr

2306	WBKS	93.9	Columbus Grove	OH	RDS PI: WBKS, rare	226
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August 14 Es -MUF 98.3

0948	CKMW	88.9	Winkler	MB	Sunday church service, RDS PS: Country	88 / PI: bogus WSQ 875
0958	KNRI*	89.7	Bismarck	ND	REL: AC, "Air One", legal ID	962
0959	KDPR	89.9	Dickinson	ND	Underwriters list, legal ID	1063
1019	KMPR	88.9	Minot	ND	RDS RT: Prairie Public / PI: KMPR, HD 2 CH: PPB -2	1003
1026	KPPW	88.7	Williston	ND	HD 2 CH: PPB -2 / Prairie Public's Roots	1118
1046	KTWJ*	90.9	Moffit-Lincoln	ND	Preacher, legal ID at 1100, in solid for 30+ min	941
1057	WPAS	89.1	Pascagoula	MS	Preacher, RDS PS: AMERICAN FAMILY RADIO / PI: WPAS	977
1114	KMHA	91.3	Four Bears	ND	Gospel song by Elvis, RDS PS: KMHA-FM / RT: SERVING FT.BERTHOLD	1061
1133	CKSB10	88.1	Winnipeg	MB	CBC French	867
1217	WSMR	89.1	Sarasota	FL	CLA music, RDS PI: WSMR	1139
1218	WXVS	90.1	Waycross	GA	TLK, RDS PS: WXVS90.1	856
1219	WCTQ	92.1	Venice	FL	Ads, RDS PI: bogus KBKK	1136
1222	WXCV	95.3	Homosassa Spgs	FL	ads	1021
1223	WQPW	95.7	Valdosta	GA	Ads, RDS PI: bogus WTS	895

1225	WWRZ	98.3	Fort Meade	FL	AC, RDS PI: bogus WED 1087
1228	WUSF	89.7	Tampa	FL	Prairie Home Companion, RDS PI: WUSF, HD 3 CH: WUSF-3 1088
1230	WJIS	88.1	Bradenton	FL	REL: AC, RDS PI: WJIS 1127
1250	KNGM	88.9	Guymon	OK	Underwriters list, RDS PI: KJIL 1155
1259	KJLJ	88.5	Scott City	KS	Legal ID mentioning KJIL, SRN News 1069
1300	KVDM	88.1	Hays	KS	Legal ID, RDS PS: KVDM 979
1358	KENM	88.9	Tucumcari	NM	Long legal ID mentioning all translators, etc., RDS PI: "KMTH" 1317
1407	KROM	92.9	San Antonio	TX	Spanish, RDS PI: KROM 1353
1408	KTFM	94.1	Floresville	TX	AC, Energy 94.1, HD 2 CH: KTFM-2 1367
1417	KZLV	91.3	Lytle	TX	REL: AC, RDS PS: K-LOVE / PI: KZLV 1373

August 20 Ms

1724	KLHV	88.5	Cotton Valley	LA	REL: AC RDS PS: K-LOVE / PI: KLHV 998
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August 23 Tr

1605	WHND	89.7	Sister Bay	WI	WPR News, RDS PI: WHND 297
1615	WHDI	91.9	Sister Bay	WI	TLK, RDS PI: WHDI 297
1617	WIIL	95.1	Kenosha	WI	Ads, "Will Rock 95.1" 330
1628	WUPF	107.3	Powers	MI	AC, "Eagle 107.3" 321
1642	WIMK	93.1	Iron Mountain	MI	Classic rock, "93 Rock" 354
1644	WGLQ	97.1	Escanaba	MI	Weather report, "Magic 97" 317
1813	WHID	88.1	Green Bay	WI	TLK, RDS PI: WHID, mono 325
1818	WAPL	105.7	Appleton	WI	Rock, "The Apple" 325
1821	KUNI	90.9	Cedar Falls	IA	Weather report, "Iowa Public Radio" 530
1830	WCQM	98.3	Park Falls	WI	Ads 465
1854	WZOR	94.7	Mishicot	WI	Rock, "Razor 94-7" 315
1931	KFXN	100.3	Minneapolis	MN	Sports, weather, "The Fan" 582
1936	KSJN	99.5	Minneapolis	MN	CLA music //stream 582
1940	KTCZ	97.1	Minneapolis	MN	Rock, RDS PI: bogus KAYJ 582
1944	KNOW	91.1	Minneapolis	MN	TLK, HD 3 CH: KNOW-3 583
1952	KZJK	104.1	Saint Louis Park	MN	Ads, "104.1 Jack FM" 582
1956	WAXX	104.5	Eau Claire	WI	C&W, jingle ID 474
2008	WSJP	100.1	Port Washington	WI	Catholic REL, "Relevant Radio" 324
2203	WNCY	100.3	Neenah-Menasha	WI	C&W, ads, "Y 100" 335
2204	WDEZ	101.9	Wausau	WI	C&W, weather 414
2247	WCOW	97.1	Sparta	WI	C&W, RDS RT: COW 97 Country / PI: bogus WPM 466
2253	WRUP*	98.3	Palmer	MI	Rock, promo for Green Bay Packers FB, "Real Classic Rock WRUP" 362
2337	WPWX	92.3	Hammond	IN	Hip-hop, RDS PI: WPWX 334
2338	WOZZ	94.7	Mosinee	WI	Wausau ads 430
2344	WFXD	103.3	Marquette	MI	C&W. "103 FXD" 362

### August 27 Ms

1838 KWFC 89.1 Springfield MO REL: AC, RDS PI: KWFC 745

### August 28 Ms

1820 CKSB10 88.1 Winnipeg MB CBC French, several bursts 867

### August 28 Tr

2015 WHID 88.1 Green Bay WI TLK, RDS PI: WHID, mono 325  
2018 WPNE 89.3 Green Bay WI Blues, RDS PI: WPNE, HD 2 CH: WPNE-2  
326  
2020 WIXX 101.1 Green Bay WI AC, RDS PS: 101 WIXX 326  
2026 WVCY 107.7 Milwaukee WI REL: AC, VCY Network 332  
2029 WUWM 89.7 Milwaukee WI Underwriters list, RDS PI:WUWM 322  
2031 WZOR 94.7 Mishicot WI Rock, "Razor 94-7", RDS PS: RAZOR / PI:  
WZOR 315  
2035 WNCY 100.3 Neenah-Menasha WI C&W, "Y100" 335  
2045 WHQG 102.9 Milwaukee WI Ads, RDS PI: WHQG 327  
2049 WAPL 105.7 Appleton WI Rock, RDS PI: WAPL 325  
2050 WCFS 105.9 Elmwood Park IL News //WBBM-780, "WBBM news time is  
7:50" 332  
2055 WFMT 98.7 Chicago IL CLA music, RDS RT: Music with Dennis  
Mooris / PI: WFMT 332  
2057 WBEZ 91.5 Chicago IL Underwriters list 331  
2104 WTMX 101.9 Skokie IL AC, "The Mix", loud 332  
2131 WAUN\* 92.7 Kewaunee WI Spanish: MEX //stream 307  
2134 WKAD 93.7 Henrietta MI FSR Sports, mono, rare 207  
2204 {WPVM} 88.5 Sturgeon Bay WI REL, RDS PS: Voice of the Master / PI:  
"WRVM", ex WNLI 303  
2205 WYMS 88.9 Milwaukee WI Calls 322

### September 03 Tr

1139 WUWM 89.7 Milwaukee WI Underwriters list 322

### September 04 Tr

1227 WIXX 101.1 Green Bay WI AC, calls 326  
1233 WNCY 100.3 Neenah-Menasha WI C&W, "Y100" 335  
1240 WAXX 104.5 Eau Claire WI C&W, calls 474  
1249 WRHN 100.1 Rhinelander WI Ads 411  
1300 WPNE 89.3 Green Bay WI Legal ID 326

2324	CJEB	100.1	Trois-Rivieres	QC	Good for about 10 minutes with a long ad string in French 478
2359	KTCZ	97.1	Minneapolis	MN	Rock, RDS PS: Cities97 / PI: Bogus KAYJ 582

September 05 Tr

0000	KSJN	99.5	Minneapolis	MN	Legal ID, weather report. "Classical Minnesota Public Radio" 582
0002	KNOW	91.1	Minneapolis	MN	News, "Minnesota Public Radio" 583
0013	KZJK	104.1	Saint Louis Park	MN	Rock, "104.1 Jack FM" 582
0017	WRHN	100.1	Rhineland	WI	Ads, calls 411
0020	WIAL*	94.1	Eau Claire	WI	AC, RDS PI: WIAL / RT: artist/song 499
0024	WAXX	104.5	Eau Claire	WI	Ads, C&W, "Wax 104.5" 474
0026	WAPL	105.7	Appleton	WI	Ads 325
0037	KUWS*	91.3	Superior	WI	BBC News, RDS PS: 91.3KUWS 560
0045	WSCD*	92.9	Duluth	MN	CLA music, "Classical Minnesota Public Radio" 560
0049	WKLK	96.5	Cloquet	MN	Rock, "The Northland's Classic Rock" 573
0053	KDWZ*	102.5	Superior	WI	C&W //stream 560
0101	WHDI	91.9	Sister Bay	WI	BBC News, RDS PI: WHDI 297
0103	KQDS*	94.9	Duluth	MN	Ads, classic rock 561
0106	KDNW	97.3	Duluth	MN	REL: AC, "Life 97.3", previous Ms 560
0109	KDRB	100.3	Des Moines	IA	Ads, "100.3 The Bus", in most of morning 626
0236	{KXXR}	93.7	Minneapolis	MN	weak with rock, "93 X", ex KRXX 582
1332	WSJP	100.1	Port Washington	WI	Catholic REL, Relevant Radio" 324

September 08 Tr

2135	WFRN	104.7	Elkhart	IN	Preacher, calls 264
2140	WUWM	89.7	Milwaukee	WI	Weak, "WUWM, Milwaukee Public Radio" 322

September 09 Tr

0128	WZOC	94.3	Plymouth	MI	Ads, "Z94.3" 281
0134	WSWT	106.9	Peoria	IL	Ads, "The New Mix 106.9" 455
0158	{WPMJ}	94.3	Chillicothe	IL	Catholic REL, "EWTN Radio", legal ID, ex WQEZ 451
0237	WHOH*	96.5	Rhineland	WI	CBS Sports, "Northwoods Sports Radio" 403
0243	WRHN	100.1	Rhineland	WI	AC, "Jack FM" 411
0256	WMBI	90.1	Chicago	IL	News, RDS PI: WMBI 349
0259	WBOI	89.1	Fort Wayne	IN	Underwriters 254
1922	WBEZ	91.5	Chicago	IL	Legal ID 331
0329	WDRV	97.1	Chicago	IL	Classic rock, "The Drive" 331
0343	KCQQ	106.5	Davenport	IA	Classic rock, RDS PS: Q106.5 / RT: artist/song / PI: KCQQ 472
0354	WCFS	105.9	Elmwood Park	IL	News //WBBM-780 332

0401	WDLM	89.1	East Moline	IL	REL: AC, RDS PS: WDLM 477
0427	WVCY	107.7	Milwaukee	WI	VCY REL //stream 332
0600	WJCH	91.9	Joliet	IL	"Family Radio", legal ID 376
0603	WBEW	89.5	Chesterton	IN	Legal ID 312
1534	WIXX	101.1	Green Bay	WI	AC, RDS PS: 101 WIXX 326
1539	WHID	88.1	Green Bay	WI	"Ideas Network on WPR", mono 325
1542	WPNE	89.3	Green Bay	WI	All Things Considered, RDS PS: 89.3WPNE 326
1546	WZOR	94.7	Mishicot	WI	Rock, "Razor 94-7" 315
1607	WRVM	102.7	Suring	WI	Preacher //stream 353
2245	CHAW*	103.1	Manitoulin Island	ON	C&W, weather report, "Country 103", RDS PI: "WFRM" 163

#### September 10 Tr

0446	WVPS	107.9	Burlington	VT	HD 3 CH: WVPS-3 / Burlington, VT / BBC 439
0447	WEZF	92.9	Burlington	VT	Long ad string including R&L Archery of Barre, VT 439
0457	CBCP	98.7	Peterborough	ON	CBC Radio One, making echo with CBCB Owen Sound, rare 174

#### September 10 Ms

1925	WCUG	88.5	Lumpkin	GA	RDS PI: bogus WFEF 823
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#### September 12 Ms

0934	WCUG	88.5	Lumpkin	GA	RDS PI: bogus WFEF 823
0939	KEOM	88.5	Mesquite	TX	RDS PI: KEOM 1108

#### September 12 Tr

2209	WIXX	101.1	Green Bay	WI	AC, RDS PI: WIXX 326
2210	WPNE	89.3	Green Bay	WI	CLA music, RDS PI: WPNE 326
2213	WNCY	100.3	Neenah-Menasha	WI	C&W, "Y 100" 335
2216	WSJP	100.1	Port Washington	WI	Catholic REL, "Relevant Radio" 324

#### September 15 Tr

1146	CILV*	88.5	Ottawa	ON	"...go to live88.5.com..." 310
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#### September 17 Ms

1117	KXGT	98.3	Carrington	ND	RDS PS: artist/song / PI: bogus WFJ, again at 1150 883
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September 18 Tr

1000	WMUB	88.5	Oxford	OH	legal ID, very strong	327
1049	{WQO}	105.5	Sylvania	OH	Top 40, ads RDS PS: Q105.5 / PI: WWWW (old call), HD, ex WWWW	172

September 19 Tr

1120	WFYI	90.1	Indianapolis	IN	TLK, calls, "at WFYI.com"	351
1125	WYXB	105.7	Indianapolis	IN	Soft rock, "B 105.7"	352

September 20 Tr

0716	WGVU	88.5	Allendale	MI	News, RDS PI: WGVU, rare	226
0745	WHDI	91.9	Sister Bay	WI	TLK, RDS PI: WHDI	297
0807	WHID	88.1	Green Bay	WI	WPR weather, mono	325
0818	WHID	107.9	Muskegon	MI	Ads, HD: WMUS, rare	230
0821	WZOR	94.7	Mishicot	WI	Ads, RDS PI: WZOR	315
0824	WDEE	97.3	Reed City	MI	Weather, jingle ID, "Sunny 97.3" rare	204
0831	WMYX	96.1	Milwaukee	WI	AC music, RDS PS: Mix / PI: WMYX / RT: artist/song	332
0839	WBZX*	103.9	Big Rapids	MI	Classic hits, "The All New B 103.9", just came on the air on 8/24	190
0840	WVCY	107.7	Milwaukee	WI	VCY REL	332
0948	WPPN	106.7	Des Plaines	IL	Spanish ads, RDS PI: WPPN	343
0951	WDRV	97.1	Chicago	IL	Classic rock, "The Drive"	331
0953	WFMT	98.7	Chicago	IL	CLA music, RDS PI: WFMT	332

September 20 Ms

1724	KIWR	89.7	Council Bluffs	IA	"...on 89.7 The River..."	756
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September 21 Ms

0748	WZLQ	98.5	Tupelo	MS	"...at Union County Cycle we keep your passion running...", prev Es	769
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September 28 Tr

1054	WMUB	88.5	Oxford	OH	ID for WVXU-91.7, very strong	327
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September 28 Ms

1124	KEOM	88.5	Mesquite	TX	Oldies //stream	1108
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## KANSAS CITY GATHERING WRAP-UP

Carl Mann - NRC

The 2016 gathering of Radio/TV/FM and radio survey collectors hosted by DALE HAMM, ERNIE WESOLOWSKI, CARL MANN and STEVE FRANCIS, met at the Hyatt Place Airport Hotel near Exit 10 on I-29 on September 9 – 11, 2016. Forty-five radio hobbyists enjoyed meeting old and new friends. Some of the early arrivals Thursday evening were off visiting nearby transmitter sites of WHB-810 and KCMO-710.

On Friday morning, thirty-one attendees car pooled for the tours. Passing through downtown Kansas City, the first stop was the studios of WDAF-TV, Fox Channel 4, where News Director Mark Alford, weekend anchor Rob Collins, and Community Affairs Director Carrie Hibbler led a most interesting tour of the studios and station facilities. Next, it was on to the studios of KMBZ-980 and KCSP-610 in Mission, Kansas for a tour led by Chief Engineer John Morris.

Following the morning tours, the group took a lunch break, selecting from among several of the fast food establishments in the area. Some were introduced to the Runza sandwich, a Nebraska tradition for over 60 years that has spread to Kansas City. (A Runza is a German-inspired baked pocket sandwich filled with seasoned beef, pork, cabbage or sauerkraut and onions.)

After lunch, the group visited the nearby studios of KCMO-710 that also housed several other affiliated broadcasters owned by Cumulus Media, and the Kansas City Chiefs Football Network. That tour was led by Chief Engineer Dennis Eversoll.

While many were away on the tours, a team led by Neil Kazaross and Mark Durenberger erected a Double-KAZ antenna next to the hotel parking lot. Also, in the meeting room, the podium was decorated with small flags from the US and Canada.

Veteran AM DXer (shortwave and increasingly medium wave) Glen Hauser conducted a Q&A session on DXing in the main meeting room. The decline of shortwave and medium wave DX was discussed, noting the irony that today's technology could make DXing so much more rewarding. When asked what keeps him interested in listening, Mr. Hauser replied (paraphrasing), you just have to follow what's fun to you.

The Friday evening dinner party was at Minsky's Pizzeria, just a few miles away. After partaking in the delicious variety of pizzas, it was back to the hotel for the Annual IRCA Business Meeting with Nick Hall-Patch presiding. The rest of the evening was filled with a multitude of radio chatter until midnight, when we had to vacate the meeting room.

Saturday morning following a delicious complimentary breakfast at the hotel, the Tech Session led by Mark Durenberger began with his presentation on the Square Kilometer Array. Kansas City ham radio operator Randy Schultze, KDØHKD followed with a presentation on the FCC Monitoring Station that was located near Grand Island, Nebraska. Mr. Durenberger noted that long time Chief Engineer of that station, the late John McKinney, WØAP, was the subject of an extensive interview on the DX Audio Service several years ago. Other speakers included Nick Hall-Patch explaining various BCB DXing antenna alternatives, Neil Kazaross describing various FM DXing antenna options, and former long-time NRC member and technical article writer Dave Fischer, W7FB, describing Beverage Antennas with particular emphasis on Project NeBe, a 3,200' antenna erected near Mead, Nebraska in 1972. Mike Lantz concluded the Tech Session with a presentation on the Miami Radio Dial.

After Saturday lunch, several attendees visited the Harry Truman Library in Independence, Missouri, while others observed operation of the Double Kaz antenna in the Hotel parking lot.

In the general meeting room on Saturday afternoon the Survey Collectors took over. It began with a presentation on the history of Top 40 music surveys that radio stations issued since the 1950s, presented by Gregg Ottinger. The rest of the afternoon was filled with a buy, sell, and trade opportunity.. Frank Merrill, Jack Levin, and George Greene brought the most boxes of trader radio station surveys.

Late Saturday afternoon, group photos were taken outside in the hotel entryway. One picture each of all attendees by club affiliation was taken, followed by a shot of the entire group.

The annual Convention Banquet that evening began with a moment of silence for deceased members David Jones of Nashville, Tennessee and Brad Wall of South Lake Tahoe, California. The featured speaker was Dan Verbeck, former newsman with area stations KFEQ, KMBZ, and KCUR-FM. The banquet concluded with Skip Dabelstein drawing names and distributing door prizes donated by DX Engineering, C. Crane Radio, Fred Osterman at Universal Radio, and local Kansas City radio stations.

The banquet was followed by the annual business meeting of the National Radio Club conducted by Paul Swearingen.

Saturday evening concluded with the world famous convention auction led by Rick Dau and Todd Skaine. After all of the rare collectibles and other radio memorabilia were sold, the total proceeds amounted to a whopping \$222.75.

After another wonderful complimentary breakfast on Sunday, the last official day of the Convention, the Annual Convention Quiz, comprised of 20 mostly multiple-choice questions, was conducted. The result was a tie between perpetual winner Frank Merrill and Tennessee Volunteer Steve Francis. Each won a one-year E-DXN subscription.

This concluded the 2016 gathering of DXers and radio hobbyists, and all indications are that all those in attendance had a great time. It should be noted that at no time did any DXer visit the FCC Complaint Office located on an island in the center of the Missouri River.

## FCC Proposes DMA-Level Phased Repack

Written by Deborah D. McAdams for *TVTechnology* [September 30, 2016]

Source: <http://www.tvtechnology.com/news/0002/fcc-proposes-phased-repack/279539>



**WASHINGTON**—The Federal Communications Commission has proposed a phased-in repack following the TV spectrum incentive auction. The transition will involve a market-by-market approach, concentrating on moving stations within individual designated market area in no more than two moves.

The post-auction transition will involve moving many TV station signals to new channels. The [Transition Scheduling Plan Public Notice](#) (TSPPN) is the staff's proposal for an orderly transition, it said. FCC officials emphasized that the TSPPN comprises a proposal and implored stakeholders to file comments. Those comments are due Oct. 31, (on MB Docket No. 16-306/GN Docket No. 12-268). Replies are due Nov. 17. The commission also said it would host a webinar on the TSPPN ~~Oct. 13~~. (Editor's Note: The commission has changed the date of the webinar to Monday, Oct. 17, from 1 to 4 p.m. Eastern to avoid conflicting with the IEEE Broadcast Technology Society's Annual Broadcast Symposium is being held from Oct. 12 - 14. The webinar will be streamed live with open captioning over the Internet from the FCC's web page at [www.fcc.gov/live](http://www.fcc.gov/live). The webinar slides will be posted on the broadcast incentive auction website's [resources page](#) prior to the start of the webinar. )

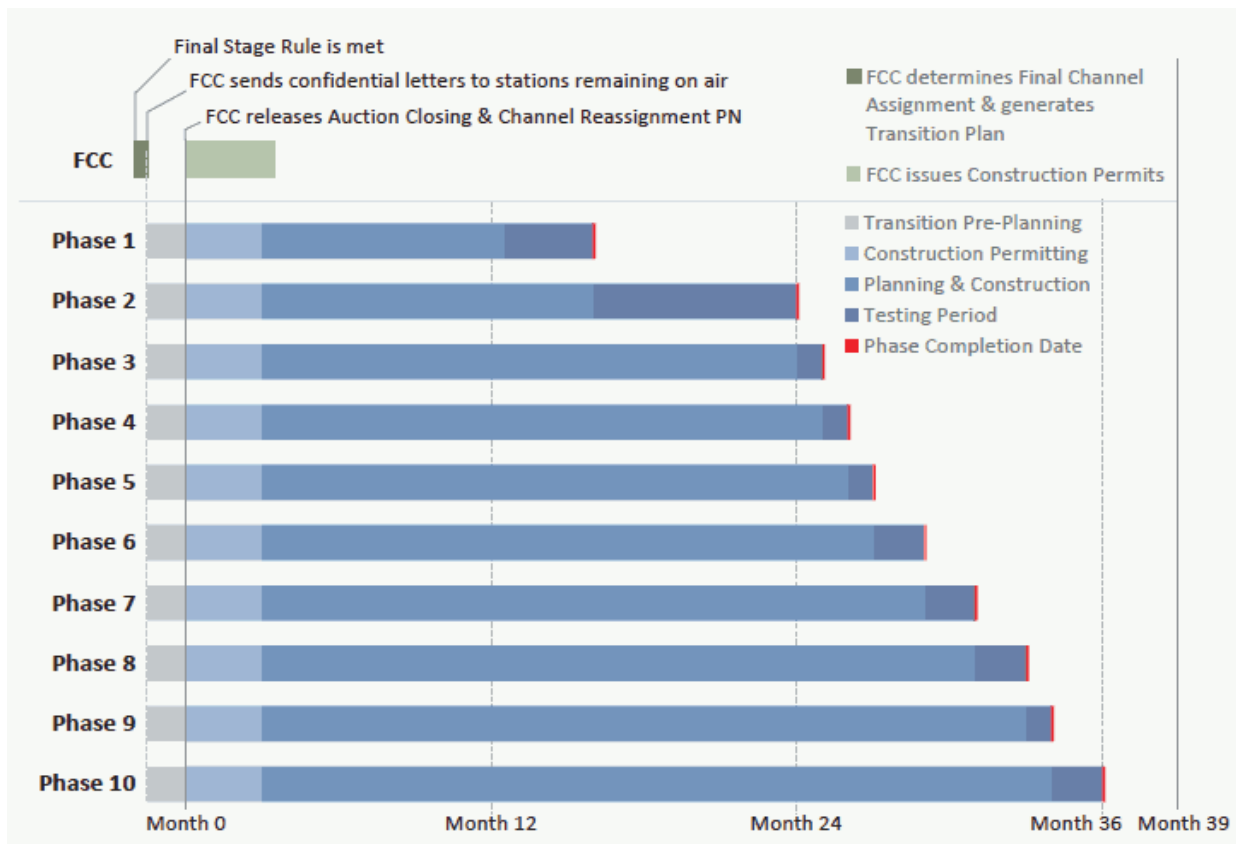
The TSPPN makes no mention of ATSC 3.0, the over-the-air transmission standard being compiled by the Advanced Television Systems Committee, and targeted for an early 2017 completion. Commission officials reiterated their intention of considering auction activities independently of the approval process for allowing broadcasting to adopt ATSC 3.0, an IP-based platform that would enable broadband-like connectivity.

The TSPPN outlines a 10-phase transition and announces that TV stations will receive confidential letters with their final channel assignments shortly after the final stage rule is satisfied so they can finalize equipment orders. Vendors will likely need a quick turn-around on this information to commence fabrication of transmitters and antennas, for example. The tool developed by the commission to determine *when* to move stations is said to anticipate vendor schedules.

This Phase Scheduling Tool, is said to take into account current manufacturer inventories, ordering, manufacturing and delivery times, as well as the time required for planning and zoning, legal work and pre-construction tower alterations, and coordination with other stations within a Designated Market Area. This Phase Scheduling Tool is described in the [TSPPN](#) at some length.

The question of 3.0 equipment remains unknown for the time being, but an FCC official did say that the [Widely Report](#), first published in 2014, would be updated to reflect 2016 prices very soon.

The proposal assigns each station into one of 10 transition phases with staggered completion dates to ease coordination issues and enable the commission to track progress. The dates all fall within the previously established 39-month deadline for all stations assigned to new channels to move from their current channels. But as the graphic below indicates, not all stations will have 39 months to make the switch. The earliest would have a little over a year to vacate their current channel in what the commission describes as the hypothetical schedule illustrated in the graphic below.



The phased approach is intended to protect broadcasters from undue interference throughout the transition. The proposal attempts to move stations residing in the new wireless band as early as possible to ensure forward auction winners have timely access to spectrum. The proposal intends to minimize impact on consumers by limiting the number of times over-the-air viewers will have to rescan for channels.

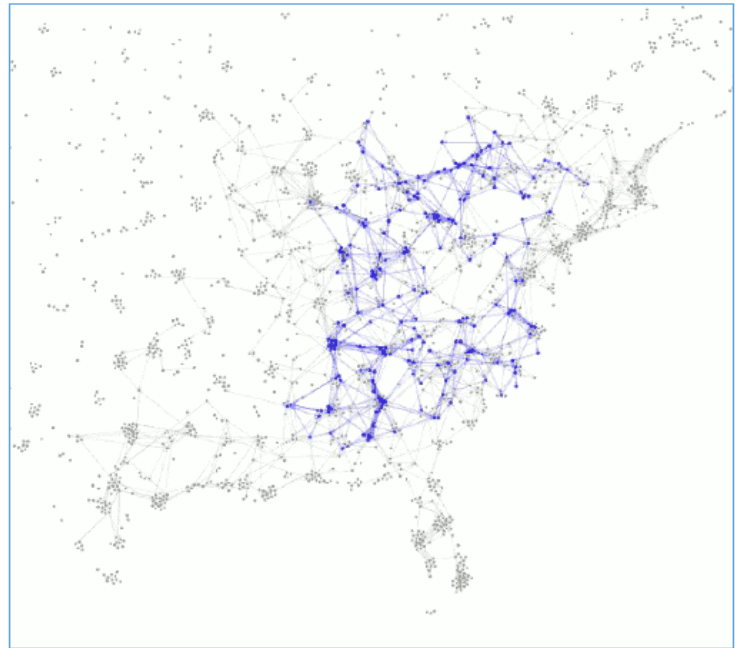
Those stations that must move to a new channel will have to modify their existing facilities — antennas, transmission lines—to transmit on a different frequency. Then they must test their equipment. Unless a station’s new channel is available, that is, free from interference caused by other stations, it will need to coordinate carefully with one or more other stations to prevent the testing from causing interference.

With hundreds of stations nationwide needing to move to new channels, there is the potential for a traffic jam in which a station can’t move to its new channel until a second station moves, and that station in turn must wait for a third station to move, and so on. Stations whose moves are dependent on another’s move are called “linked stations,” and these links can span dozens of stations across a large geographic area. Linked stations can switch to their new channels simultaneously to break up these congestion points, but doing so requires careful coordination.

In order to facilitate an orderly and timely transition, the staff proposes using a mathematical tool – the Phase Assignment Tool – that determines the order in which stations must transition to new channels. With hundreds of stations needing to move to new channels, there are millions of possible sequences, the commission said.

The TSPPN proposes a procedure for determining the optimal sequence by assigning stations to phases, by the end of which all stations within the phase must be off their pre-auction channels. The optimal sequence will meet a set of conditions, including:

**Clear 600 MHz Wireless Band As Soon As Possible:** Assigning U.S. stations whose pre-auction channels are in the 600 MHz Band to earlier phases would help open it up to licensees to offer new innovative services.



*A simulated example of 196 linked stations (shown in blue).*

**Limit TV Viewer Rescans/Preserve Regional Focus:** Limiting stations in the same Designated Market Area to two phases also limits to two the number of times viewers would need to rescan for over-the-air channels. It also reflects the regional approach that stakeholders have suggested.

**Give “Complicated” Stations More Time:** Assigning the most challenging and time-consuming stations (as defined in the [Widely Report](#)) to later phases allows adequate time for their transitions.

**Limit Linked Station Sets in a Phase:** Limiting linked sets within a phase would limit the effect of dependencies and facilitate coordination among broadcasters.

**Limit the Total Number of Phases to 10:** Using 10 phases strikes a balance between limiting the size of linked-station sets and other goals. A greater number of phases could decrease the number of linked-station sets in each phase but makes more difficult other goals such as transitioning stations within the same DMA at the same time and avoiding the need for multiple channel rescans by viewers. Keeping the number of stations in each phase roughly equal also helps in the sharing of resources in each phase.

**No More than 2 Percent Temporary Interference:** Allowing temporary limited increases in interference between two stations is in accord with past transitions and would significantly reduce the number and complexity of dependencies.

**No Temporary Channels:** Using a temporary channel during the transition could reduce the size of linked-station sets but would also add costs, strain resources, and add more rescans for viewers.

Once stations are assigned to phases, the commission will determine when those stations switch to their new channels with the Phase Scheduling Tool.

Specifically, the tool:

- Assigns minimum completion times for each station based on certain characteristics.
- Allows the FCC to assess the impact of unknowns such as the order in which stations receive required resources.
- Gives the FCC the ability to gauge the impact of resource availability and adjust accordingly.

The TSPPN proposal details the specific tasks or processes proposed to be modeled for each of the stages of the transition process, as well as the estimated time and resource availability for each task.

Putting stations into different phases with a detailed schedule will let stations, tower crews, and equipment manufacturers know when the FCC expects specific stations to complete their transition and so that they can plan accordingly, the commission said. It also intends ensures that the majority of stations will be able to test on their post-auction channel during a specified testing period without having to coordinate with neighboring stations—or those stations’ neighbors.

Also see our [Spectrum Auction silo](#) for more coverage.



## Market 187 to Get Fox and NBC Affiliate

Written by Kevin Eck for TVSpy [October 26, 2016]

Source: <http://www.adweek.com/tvspy/market-187-to-get-fox-and-nbc-affiliate/180696>



A partnership from Lafayette, Indiana is launching an NBC and Fox affiliate in the nation’s 187th largest market.

TVNewsCheck reports broadcast partners Bill Christian and Mike Reed launched low power WPBI-LD as part of a plan that includes three FM radio stations and an AM station.

Christian said the radio stations have “great tie-ins” with Purdue University. The metro area has a population of about 201,000, according to the 2010 census.



The current challenge is securing carriage on satellite and the market’s cable systems and that is going well, he said. The market has been getting its NBC and Fox stations in “spillover” from stations in Indianapolis, Chicago and Terre Haute, Ind.

Currently, the market is served by Media General-owned WLFI-TV, which is a primary CBS affiliate with subchannels of GetTV and Ion.

Screenshots courtesy of Steve Rich →



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[mikeb@wtfda.org](mailto:mikeb@wtfda.org)  
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### TV and FM STATISTICS

**Fred Nordquist**, 147 Travis Hill Road, Moncks Corner, SC  
[stats@wtfda.org](mailto:stats@wtfda.org)

### WTFDA.ORG WEBSITE

**Tim McVey**, webmaster  
[webmaster@wtfda.org](mailto:webmaster@wtfda.org)

### VHF-UHF DIGEST

**Ryan Grabow**, 7351 Pinnacle Pines Dr #B21, Fort Myers, FL 33907  
[ryang@wtfda.org](mailto:ryang@wtfda.org)

### WTFDA FORUMS WEBSITE

**Chris Cerventez**, webmaster  
[chriscerventez@gmail.com](mailto:chriscerventez@gmail.com)

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