

VHF-UHF DIGEST

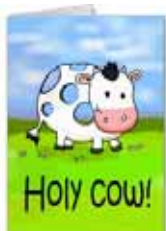
The Official Publication of the Worldwide TV-FM DX Association

JUNE 2013

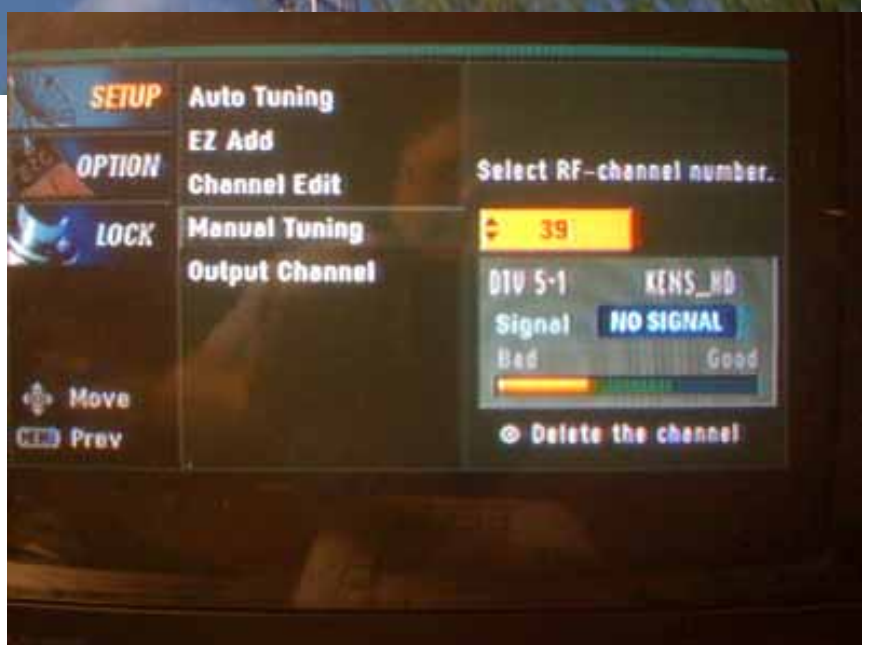
The Magazine for TV and FM DXers



Mike Glass' Ten Foot Dish at 40' AGL Picks Up 1000 Mile Texas Tropo on 5/20!
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May Es---Starts Great
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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.



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JUNE 2013



MAY IS A TEASE

Every year it's the same thing. Every day it seems that you check out DX Maps and every day it seems that there's a huge, monster opening going on in Europe with the MUF rising to unheard-of frequency heights. And then you take a look at the North American map and you can hear crickets chirping.

By now we should know that Europe's Es season begins a month before ours. However I don't think that fact makes us feel any better about the lack of skip. Eventually, we hope, the season will start for real and we can watch the maps fill up with red lines here while the crickets are working overtime in Europe.

MEMBERS AND MORE

During the period from 4/25 through 5/20 we received renewals from **Jason Hustedt** (NJ), **Christian Ferland** (QC), **Mike Ehrhardt** (NY), **Dan Novotny** (WI), **Aaron Mitterling** (IN), **Rich Rose** (MI), **Bill Heusmann** (IA), **Nick Langan** (NJ), **Fred Nordquist** (NY), **David Pierce** (VA), **Jim Gill** (FL), **Gary Hickerson** (OK), **Dan Oglethorpe** (LA), **Mike Glass** (IN), **John Cereghin** (DE) and **Larry Weisberg** (NH). Thanks to everyone for supporting the WTFDA.

MADISON-MILWAUKEE GTG

It's that time of year for you folks in the Midwest. Tim Noonan has the details..."This year the 20th annual Madison-Milwaukee Get-Together returns to the Milwaukee area. It will be held on Saturday, August 17, 2013, in safe and friendly Oak Creek (in southern Milwaukee county). This is an all-band event, open to radio hobbyists of all interests. For more information,

contact your hosts, Tim and Jill Noonan, at DXing2@aol.com or 414-813-7373."

DOES IT LOOK ANY BETTER NOW?

We changed printers for the printed VUD. The May issue was printed by Minuteman Printing of Enfield.

One of the reasons was the deteriorating quality of the copier used by the Copyshoppe, which the Konica techs just couldn't fix, and another reason was copy quality problems I have with my Brother laser printer, which really don't bother me but does affect the VUD quality.

What I'm doing now is creating a lower quality pdf document for the eVUD and another print quality pdf file which I email to the printer and pick up two days later.

The cost to the club is about the same and I have less running around to do. Hope you noticed, if you are one of the 60 people who still read the paper version.

OOPS!

On the cover of the May VUD you saw two photos. These antennas belong to Ivan Dias in Sorocaba, Brazil and consist of the following:

- Discone Workman T601 - I intend to use it detect tropo with the help of PSB frequencies;
- DX-One Pro - for MW/SW DX;
- Wellbrook ALA1530S+ (MW/SW DX), Jaycar LT-3182 (UHF DTV DX - below this antenna is a Channel Master 7777), **Körner 15.11** (FM DX) and an Yaesu G-450 rotator.

I wonder how many people recognized that Korner antenna?

That's all for June. Hopefully DX picks up soon.
-Mike



TV News

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<http://www.w9wi.com>

June 2013

Abbreviations:

AF	Applied For (a new station)	NW	New station on the air
Aux	Auxiliary (backup) transmitter	PA	Proposed Amendment
CC	Callsign change	PC	Power (and/or tower height) change on the air
CL	City-of-license change	PG	Power change granted
CX	Canceled	PR	Power change requested
DC	Converted to DTV	RA	Returns to the air
DCC	Digital Companion Channel	QC	Channel (frequency) change on the air
NS DCC	Granted flash-cut to DTV	QG	Channel change granted
DE	License/permit deleted	QR	Channel change requested
DR	Requests flash-cut to DTV	RE	Reinstated (previously-dismissed app.)
FC	Programming (format) change	ROA	Request of Applicant
FTP	Failure to Prosecute	SI	Off the air (silent)
GA	Granted amendment (to table of channel allotments)	STA	Special Temporary Authority
LC	License to Cover	XC	Transmitter site changed
MX	Mutually Exclusive	XG	Transmitter site change granted
NDA	Non-directional antenna	XR	Transmitter site change requested
NS	Permit granted for new station	lpdtv	Low Power Digital TV
DG	Granted conversion to DTV	DRT	Digital Replacement Translator

News:

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

CANADA



Alberta
Red Deer 28 CITV-DT-1 NS 132kw/ 264m



British Columbia
Kamloops 22 CHKM-DT NS 30kw/ 150m
Prince George 29 CIFG-DT NS 30kw/ 482m



Ontario
Kingston 11 CKWS-DT NS 9.4kw/ 313m
Peterborough 12 CHEX-DT NS 20kw/ 318m



Puerto Rico
Carolina 22 W22DR PR>15kw, 18-16-46/
65-51-12



USA



Alabama

Athens 11 WTZT-CD PR>1.15kw, 34-44-13/
86-31-59
Dothan 23 WRGX-LD NS 15kw, 30-55-11/
85-44-30; DCC for
analog 41
Dothan 41 WRGX-LP CC from WDON-
Montgomery 21 WHDK- QR from 4, 350w
Sylacauga 38 W38EI DR 9kw, 33-10-09/ 86-
14-56



Arizona

Yuma 15 KYUM-LP DR from 2, 1.8kw, 32-
40-22/ 114-20-11



Arkansas

Texarkana 32 KLIA-LD CC from K32LA



California

Anderson 38 K38FQ DR 15kw
Eureka 35 K35LF DG from K52FK, 15kw,
40-43-36/ 123-58-27
Indio 6 KKKK-CA PR<2.8kw, 33-55-28/

116-36-51

Indio	11 KVER-LD	NS 250w, 33-51-56/ 116-25-58; DCC for analog 4
Los Angeles	6 KMRZ-LD	QR from 22, 3kw, 34- 12-46/ 118-03-42
Los Angeles	22 KSFV-CD	NW 8kw, 34-13-55/ 118-04-18; DCC for analog 6
Palm Springs	12 KYAV-LD	PR>250w
Stockton	32 KFKK-LD	CC from K32KK
Ventura	23 KIMG-LP	DC 1.5kw



Florida

Daytona Beach	14 WDYB-CD	PR<3kw, 28-35-12/ 81- 04-58
Key West	41 WMDF-LD	XC 24-46-02/ 80-56-42
Miramar Beach	35 WDES-CD	AF 1kw, 30-23-49/ 86- 30-27; DCC for analog 48
Sebring	38 WGPS-LD	PR<5kw, 27-15-27/ 81- 50-22
Stuart	42 WHDT	NW 700kw/ 439m, 26- 34-37/ 80-14-32
Vero Beach	47 W47DW	NW 15kw, 27-46-36/ 80-27-17 (Digital Broadcast HD)
Wabasso	11 W11DH	NW 100w, 27-44-07/ 80-27-27 (V-1 Productions)



Georgia

Albany	22 WCEG-LD	CC from W22EG
Athens	23, W23DV, 47 W47EF	PR>5kw/ 7kw
Columbus	11 WTVM	PR 31kw/ 554m, 32-19-16/ 84- 47-28
Macon	22 W22EJ	PR>5kw
Macon	33 WJDO-LD	CC from W33DO
Savannah	22 WJCL	PR 470kw/ 373m, 32- 03-14/ 81-21-01; PG



Hawaii

Honolulu	27 KAAH-TV	PR>630kw/ 577m dismissed
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Idaho

Boise	22 K22KQ	XR 43-45-18/ 116-05- 51
Coeur d'Alene	47 KQUP-LP	DC 500w
Holbrook	28 NEW-lpdtv	AF 400w, 42-08-19/ 112-37-37
Holbrook	43, K43MF, 45, K45KZ, 47, K47MH, 49 K49LB	XR 42-07-03/ 112-39- 24; XG



Illinois

Chicago	7 WCHU-LD	QR from 33, 3kw
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Indiana

Richmond	39 WKOI-TV	PC 370kw/ 296m
Valparaiso	24 WHVI-LP	CX
West Lafayette	9 WUVI-LD	QR from 20, 3kw, 41- 29-16/ 87-28-06



Louisiana

Hammond	38 WSTY-LD	NS 15kw, 30-32-29/ 90-29-03; DCC for analog 23
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Michigan

Midland	21 W51ET	QR from 51, 3kw
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Minnesota

Rushmore	17, K17MA, 27, K27ML, 42, K42LR, 50 K50NJ	NS 1kw, 43-37-55/ 95- 45-42 (Landover 2)
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Mississippi

Cleveland	17 WFXW-LD	PR>8.4kw; PG
Jackson	10 WBMS-	CX
Vicksburg	41 WLOO	CC from WUFX



Missouri

Kansas City	20 KUKC-LD	AF 15kw; DCC for analog 48
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Montana

Castle Rock	29 K29HF	CX
Scobey	26 NEW-lpdtv	AF 239w, 48-47-51/ 105-21-24



Nevada

Indian Springs 7 K07JC CX
Lake Tahoe 48, K48LA, PG<175w, 39-19-24/
49 K49MD 119-56-35; CL from
South Lake Tahoe &
Truckee, Calif.



New Mexico

Santa Fe 14 KAOE-LD CC from K14OE



New York

Ithaca 22 NEW-lpdtv AF 15kw; DCC for
W16AX
White Lake 39 W39DZ QG from W51BN,
3.28kw



North Carolina

Lumberton 47 WPEM-LP DC 5kw, 34-40-26/ 79-
02-21; PR>10kw
Pinehurst 44 WYBE-CA DR 110w
Raleigh 44 WZGS-CA DC 11.3kw
Wilmington 23 W23EL QG from W34EK, 15kw



Oklahoma

Enid 48 KUOC-LD CC from K48OC



Oregon

Camas Vly. 7 K07PP CX
Sunriver 26 KOHD - AF 660w, 43-52-02/
???? 121-30-01; DRT for ch.
51 Bend



Pennsylvania

Brookville 45 W45BT PC>6.32kw
Darby 11 W11DK QG from W36DO, 1kw
Philadelphia 23 NEW-lpdtv AF 15kw, 40-02-19/
75-14-14; DCC for ??
Philadelphia 29 WTXF-TV FC; adds Movies! on
29.2 and MundoFox
on 29.3.



South Carolina

Hardeeville 28 WTGS PR<398m, 32-03-14/
81-21-01; PG
Hilton Head 16 WMKH-LD CC from W16DK
Island



South Dakota

Draper 14, K14QD, NS 2kw, 43-54-24/
16, K16LA, 100-24-27 (Landover
43, K43OO, 2)
45 K45MY
Humboldt 35, K35LZ, NS 1kw, 43-39-36/ 97-
38 K38OZ 08-50 (Landover 2)
Kimball 33, K33NI, NS 2kw, 43-44-37/ 99-
35, K35MB, 06-13 (Landover 2)
38 K38PB
Murdo 24, K24LK, NS 1kw, 43-53-34/
28 K28NH 100-43-21 (Landover
2)
Plankinton 15, K15JW, NS 1kw, 43-42-39/ 98-
19, K19KJ, 26-35 (Landover 2)
44, K44MB,
49 K49NB
Wasta 19, K19KI, NS 1kw, 44-02-34/
24, K24LL, 102-22-46 (Landover
28 K28NI 2)



Texas

Abilene 40 KTES-LD DR 15kw, 32-24-48/
100-06-25; DG
Austin 16 KADT-LD PR<3kw, 30-19-23/ 97-
47-59;CL from
Georgetown; PG
Brownwood 13 KZAU-LP DG 1kw, 31-35-22/ 98-
46-47
Centerville 40 K40KX PR<700w, 31-16-56/
95-53-42; PG
College Stn. 27 K51LB QR from 51
Georgetown 16 KADT-LD PC<100w, 30-26-39/
97-39-11
McAllen 44 KNUC-LP DR from 69, 15kw, 26-
06-01/ 97-50-21; DG
Mineral Wells 47 K47NT XR 32-51-05/ 98-06-
31; XG
Paris 24 KXIP-LD CC from K24JT
Port Arthur 44 K51LL QR from 51, 3kw
San Antonio 19 KOBS-LD PR>15kw, 29-25-41/
98-29-32 dismissed
Stephenville 27 K27LU XR 32-16-09/ 98-18-51



Utah

Laketown 43, K43OP, NS 286w, 41-52-55/
45 K45MZ 111-16-10
(Rich Co.); NW
St. George 24 K24CY DG 300w

TV News Continues on Page 27



FM NEWS



BILL HALE

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JUNE 2013

INDEX OF ABBREVIATIONS

APP: application
 APP Mod: Change to an already submitted application
 Class: FM license class
 CP: construction permit (authority to broadcast with facilities noted)
 CP Mod: change to an already granted CP
 DA: directional antenna
 FF: French language

\$: Stereo
 XL: Transmitter Location change to
 > : an increase to [in technical data]
 < : a decrease to [in technical data]
 []: Calls in brackets signifies assumed or applied-for status

Note: antenna heights are HAAT except where noted

— CANADA —

— CALL LETTER CHANGES —

		<u>Old Call</u>	<u>New Call</u>
AB Coleman	102.3	CP	CBR-FM2 [ex: CBXC-1450]
AB Fort Vermilion	105.1	CP	CBXF-FM [ex: CBKC-1460]
AB Grande Cache	92.3	CP	CBXC-FM [ex: CBWI-1450]
AB High Level	99.5	CP	CBXL-FM [ex: CBKD-1560]
ON Rockland	92.5	CP	CHRC-FM
ON Markham	105.9	CP	CFMS-FM

— NEW STATIONS ON THE AIR —

MB Winkler	88.9	CKMW-FM	Heard testing and asking for reports; facilities are 67 kw-V//100 kW-H-52 m, 49-07-16/98-04-03; Class C1 [will replace CKMW-1570]
NB Miramichi City	95.9	CHHI-FM	25 kW/86 m DA, 47-03-32/65-34-35; Class B1; \$
NF Port Au Choix	96.7	CFNW-FM	4.3 kW-H/350 m DA, 50-42-19/57-22-00; Class A; \$; // CFCB-570 Corner Brook, NF; replaces CFNW-790 kHz

— FORMAT and SLOGAN CHANGES —

BC Salt Spring Island	107.9	CFSI-FM	New slogan is <i>Green FM</i> , remaining Eclectic [includes CFSI-FM1 102.1 South Salt Spring Island]
NB Miramichi City	95.9	CHHI-FM	New station on the air with Hot AC: <i>SUN-FM</i>
ON Hamilton	95.3	CING-FM	> Hot AC: <i>Fresh FM</i>



— TECHNICAL CHANGES —

GRANTS FOR NEW STATIONS

			<u>CP granted for:</u>
AB Coleman	102.3	CBR-FM2	51 W/ (-) 169 m, 49-38-54/114-29-50; Class A1; Mono; replaces CBXC-1450
AB Edson	95.3	CBXD-FM	50 W-V/12 m, 53-34-32/116-26-12; Class LP; Mono; replaces CBXD-1540
AB Fort Vermilion	105.1	CBXF-FM	50 W-V/15 m, 58-23-03/116-02-24; Class LP; Mono; replaces CBKC-1460
AB Grande Cache	92.3	CBXC-FM	50 W-V/18 m, 53-53-35/119-07-10; Class LP; Mono; replaces CBWI-1450
AB High Level	99.5	CBXL-FM	50 W/18 m, 58-30-19/117-08-13; Class LP; Mono; replaces CBKD-1560
AB Rainbow Lake	101.5	CBXW-FM	50 W-V/18 m, 58-29-37/119-23-20; Class LP; Mono; replaces CBXX-1240
AB Wabasca	94.3	CHSL-FM1	6 kW-H/62 m, 55-58-52/113-49-22; Class A; \$; will relay CHSL-FM 92.7 Slave Lake
NL Clarenville	97.1	CP	21.2 W-H//2.5 W-V, 21 m, 48-10-10/53-58-15; \$; Class A; will be Hot Adult Contemporary
NT Tulita	100.9	CBQI-FM	50 W/ (-) 85 m, 64-56-58/125-50-37; Class LP; replaces CBQI-920
ON Armstrong	91.3	CBQT-FM1	50 W/60 m, 50-18-44/89-03-38; Class LP; Mono; will relay CBQT-FM 88.3 Thunder Bay, and replace CBOL-1450, which will shut down after three months
ON Hornepayne	92.3	CBQT-FM2	50 W/60 m, 50-18-12/89-00-26; Class LP; Mono; will relay CBQT-FM 88.3 Thunder Bay, and replace CBLH- 1010, which will shut down after three months
ON Markham	105.9	CFMS-FM	1.6 kW/21 m DA, 43-53-52/79-20-27; Class A; \$
ON Rockland	92.5	CHRC-FM	300 W/60 m, 45-31-27/75-17-30; Class A; \$
ON Slave Lake	94.3	CHSL-FM1	6 kW/62 m, 55-28-18/114-47-09; Class A; Mono; will relay CHSL-FM 92.7 Wabasca
YT Mayo	104.9	CBDC-FM	50 W/17 m, 63-35-35/135-53-55; will relay CFWH-FM 94.3 Whitehorse; replaces CBDC-1230

— TECHNICAL CHANGES —

GRANTS TO EXISTING STATIONS

			<u>CP granted for:</u>
BC Prince George	91.5	CBYG-FM	> 59 kW-H//100 kW-V, < 330 m (to) DA, 53-56-08/122-28-05; Class C; Mono [the change will allow the station to focus their coverage to serve populated areas rather than the mountains]

BC Whistler	96.9	CKLG-FM	< 1 kW-V/> (-) 238 m DA, XL to 50-04-45/123-01-04; \$ [move to CBC tower]
BC Whistler	102.1	CISW-FM	< 1 kW-V/> (-) 238 m DA, XL to 50-04-45/123-01-04; \$ [move to CBC tower]

— TECHNICAL CHANGES —

— APPLICATIONS FROM EXISTING/PROPOSED FACILITIES —

			<u>Applies for:</u>
NB Bathurst	103.3	[CJUJ-FM]	50 W/32 m, 47-36-55/65-38-48; Class LP; \$ (new station would be a Community station with a Pop Rock format) [Bathurst Radio]
NT Fort McPherson 690 kHz	99.9	[CBQM-FM]	50 W, m, 67-26-22, 134-32-02; would replace a low-powered station on
NT Fort Providence 1230 kHz	98.9	[CBQC-FM]	50 W, m, 61-21-12, 117-38-59; would replace a low-powered station on

— OTHERNEWS —

NB Saint John	103.5	CJRP-FM	Is silent after owners felt the station was no longer financially viable [includes CJRP-FM1 95.1 Rothesay]
ON Marathon to Thunder Bay	93.1	CFNO-FM	Will shut down the studios in Marathon and relocate all on-air operations
ON Paris	89.1	CBLA-FM2	Will originate some local programming from Kitchener
ON Toronto	103.9	CIRR-FM	Currently licensed with 50 Watts at 132 metres, CIRR-FM applied for 250 Watts at 156 metres. They now request 225 Watts at 123 metres.
ON Wingham	104.3	-----	Application denied for a new station to rebroadcast CKNX-920 Wingham
QC Shawinigan	91.1	CFUT-FM	Application denied to move to 92.9 MHz along with an increase in power and antenna height
QC Sherbrooke	90.7	CBFX-FM2	Will originate some local programming from Sherbrooke
QC Trois Rivières	104.3	CBFX-FM1	Will originate some local programming from Trois-Rivières

NEWS ITEM: Wellington-Waterloo CBC Radio Station off the Air over Regulatory ‘Oversight’
CBC Radio has yanked its new local morning show off the air after broadcasting it since March without a federal licence.

The move came after private radio and television stations complained to federal regulators. “We just don’t think that’s playing fair by the rules of the broadcasting business,” said Douglas Kirk, president of the Ontario Association of Broadcasters.

CBC launched its local station March 11 in downtown Kitchener. The local show can still be heard online but its FM frequency will carry approved broadcasts out of Toronto until CBC secures a licence. “This was a very regrettable oversight,” CBC spokesperson Angus McKinnon said. “We apologize for it.” He explained the mistake saying “we got caught up in the momentum of launching the station.”

The Canadian Radio-television and Telecommunications Commission says it expects to decide by April 26 on CBC Radio’s licence application in Waterloo Region. Regulators will ask the CBC to explain why it broadcast without approval. Commission spokesperson Patricia Valladao could not say if the station would be punished.

Members of the Ontario Association of Broadcasters worry they may eventually have to compete with CBC Radio for advertising dollars as well as for listeners. CBC Radio is currently commercial-free. However, to replace lost public funding, the CBC is seeking approval to sell advertisements on its music stations. [guelphmercury.com]

Kirk fears this may open the door for the CBC to also sell advertisements on news and current affairs stations, stripping revenue from commercial broadcasters that don’t enjoy a public subsidy. McKinnon said CBC Radio has no plan to sell advertising on news and current affairs stations.

Durham Radio operates radio stations in Ajax, Oshawa and the Hamilton-Burlington area. It would be interested in moving into Waterloo Region, Kirk said. He favours an open call for applications to determine how best to use the CBC frequency in the market. The CBC has refused to say how much it’s spending to launch the local radio station. Kirk said he’s found no research in the CBC application to determine the demand or need for more local programming.

— UNITED STATES AND TERRITORIES —

— CALL LETTER CHANGES —

FULL POWER and LPFM STATIONS

		<u>Old Call</u>	<u>New Call</u>			<u>Old Call</u>	<u>New Call</u>
AK Bethel	98.3	CP	KEDI	FL Ponte Vedra Beach	106.5	WOKV-FM	WFYV-FM
AK Seward	90.7	CP	KSVJ	then . . .		WFYV-FM	WHJX
CA Adelanto	92.7	KLSN	KYZA	IL Clifton	107.3	CP	WWQC
CA Camino	88.3	KYCJ	KCPC	IN Morristown	91.3	CP	WWQI
CA Colfax	91.9	CP	KJPT	KS Belle Plaine	99.7	KANR	KHLT-FM
CA Fountain Valley	92.7	KLST	KYLA	LA Homer	106.7	KYLA	KYXA
CA Santa Maria	89.7	KHFR	KCLM	ME Howland	103.9	WVOM	WVOM-FM
CA Thousand Oaks	92.7	KLSI	KYRA	MA Athol	99.9	WXRG	WFNX
CA Westwood	88.5	KJCQ	KWLX	MI Cheboygan	97.7	WJZJ	WOEJ
FL Atlantic Beach	104.5	WFYV-FM	WOKV-FM	MI Fife Lake	95.9	CP	WLJW-FM
FL Dogwood Lakes Estates	91.1	WJED	WAGE	MI Mackinaw City	94.5	WOEZ	WJZJ

then . . .		WJZJ	WYPV	OR Huntington	93.5	CP	KHNO
MI Onaway	106.3	WYPV	WJZJ	TN Karns	93.1	WCYQ	WNOX
MI Portage	96.5	WKZO-FM	WZOX	TN Oak Ridge	100.3	WNOX	WCYQ
MO Deerfield	100.7	CP	KSHQ	TX Benevides	94.3	CP	KYTO
ND Beulah	97.9	KQLZ	KLTQ	TX Leakey	104.3	KBLT	KXQK
ND New England	95.7	KLTQ	KQLZ	TX Wheeler	103.9	CP	KBPD

TRANSLATOR and BOOSTER STATIONS

		<u>Old Call</u>	<u>New Call</u>			<u>Old Call</u>	<u>New Call</u>
AL Andalusia	89.7	W207BK	W209CN	CO Silver Cliff	97.3	CP	K247BP
AL Hillsboro	92.9	CP	W225BO	CO Silverthorne	103.1	CP	K276FT
AL Mountain View	101.5	CP	W223BX	CT New London	104.5	CP	W283BW
AL Pelham	106.3	CP	W292EH	DE Dover	104.1	W280EE	W281BD
AL Pinedale	99.7	CP	W259BS	FL Gainesville	101.5	CP	W268BW
AL Saraland	92.5	CP	W223BX	FL Kissimmee	97.1	CP	W246CK
AL Vance	96.1	CP	W241BT	FL Panama City	93.3	W225AG	W227CE
AL Warrior	106.3	CP	W292EI	FL Santa Rosa Beach	103.7	CP	W279CG
AZ Aguila	93.7	CP	K229CI	FL Tallahassee	96.5	CP	W243CZ
AZ Flagstaff	92.3	CP	K222CE	FL Tallahassee	96.9	CP	W245CB
AZ Flagstaff	97.9	CP	K250BZ	GA Ashburn	105.3	CP	W287CC
AZ Casa Grande	101.1	CP	K266BO	GA Atlanta Junction	103.1	CP	W276CL
AZ Nothing	103.9	CP	K280FS	GA Booneymann	99.7	CP	W259BR
AZ Page	98.3	CP	K252FG	GA Clayton	100.3	W265CL	W262CE
AZ Parker	106.5	CP	K293BR	GA Highland Pines	94.7	CP	W234BX
AZ Peach Springs	104.5	CP	K283BZ	GA Rome	93.9	CP	W230BY
AZ Sierra Vista	95.1	CP	K236BO	HI Haiku	89.7	KIPM-1	KIPM-FM1
AZ Williams	89.1	K259BR	K206EL	HI Kailua	94.3	CP	K232EL
AR Batesville	93.7	CP	K229CF	ID Boise	96.5	K260AI	K243BM
AR Cherokee Village	105.9	CP	K290BY	ID Kimberly	94.3	CP	K232EQ
AR Forrest City	106.5	CP	K293BS	ID Kimberly	97.5	CP	K248BZ
AR Hot Springs	99.3	CP	K257FJ	ID Lewiston	102.1	CP	K271BZ
AR Marion	100.7	CP	W264CO	ID McCall	102.9	CP	K275BV
AR Russellville	97.1	CP	K246BY	ID Pocatello	96.9	CP	K245BR
AR Wynne	95.5	CP	K238BN	IL Bourbonnais	96.1	CP	W241BS
CA Anderson	105.7	CP	K289BT	IL Casey	94.3	CP	W232CJ
CA Bakersfield	97.9	CP	K250BF	IL Centralia	105.5	CP	W288CO
CA Barstow	99.5	CP	K258CK	IL Galesburg	93.7	CP	W229BO
CA Big Bear City	102.7	CP	K274CH	IL Galesburg	104.5	CP	W283BX
CA Bishop	91.7	K217EE	K219LU	IL Geneseo	107.5	CP	W298BK
CA Edison	104.9	K209FB	K285GG	IL Litchfield	106.9	CP	W295BQ
CA Fort Bragg	96.5	CP	K243BS	IL Pekin	103.9	CP	W280EJ
CA Holister	104.1	CP	K281BR	IL Williamsville	106.5	CP	W293CB
CA Indio	93.1	CP	K226BT	IN Cambridge City	105.3	CP	W287CB
CA Kneeland	105.9	CP	K290BZ	IN Crawfordsville	92.1	CP	W221CS
CA Malibu Vista	92.7	KLSI-FM1	KYRA-FM1	IN Fort Wayne	99.5	CP	W258BY
CA North San Juan ex: Brownsville	91.5	K217EA	K218EU	IN Fort Wayne	107.5	CP	W298BJ
CA Porterville	107.1	CP	K296GH	IN Ft Wayne	96.9	CP	W245CA
CA San Diego	99.9	CP	K260BY	IN French Lick	92.9	CP	W225BQ
CA Santa Margarita	92.9	CP	K225BQ	IN Greensburg	98.1	CP	W251BS
CA Soledad	106.9	CP	K295BZ	IN Seymour	94.5	CP	W233BU
CA Sonora	97.1	CP	K246BX	IN Upland	105.5	CP	W288CN
CA Sonora	102.7	CP	K274CG	IA Atlantic	92.7	CP	K224EA
CA Stockton	102.1	CP	K271BX	IA Bluegrass	98.5	CP	K253BL
CA Susanville	105.1	CP	K286BX	IA Burlington	100.9	CP	K265EQ
CA Tehachapi	107.1	CP	K296GG	IA Clinton	104.3	CP	K282BG
CO Alamosa	92.1	CP	K221FY	IA Davenport	95.3	CP	K237FP
CO Breckenridge	92.5	CP	K223CH	IA Des Moines	92.9	CP	K225BP
CO Breckenridge	98.1	CP	K251BT	IA Fort Dodge	104.9	CP	K285GI
CO Commerce City	101.5	APP	KJHM-2	IA Fort Madison	97.7	CP	K249EP
CO Commerce City	107.1	APP	KDHT-5	IA Hiawatha	104.1	CP	K281BS
CO Cortez	94.3	CP	K232EN	IA Humboldt	98.5	CP	K253BJ
CO Craig	101.1	CP	K266BP	IA Mount Pleasant	104.7	CP	K284BT
CO Creede	99.9	CP	K260BX	IA Portland	99.5	CP	K258CI
CO Crested Butte	101.9	CP	K270BU	IA Sioux City	94.9	CP	K235CA
CO Debeque	104.9	CP	K285GK	IA Spirit Lake	97.7	CP	K249EO
CO Denver	101.5	APP	KJHM-3	IA Stockton	97.9	CP	K250BD
CO Denver	107.1	APP	KDHT-4	IA Waverly	94.3	CP	K232EO
CO Durango	103.7	CP	K279BT	KS Emporia	93.7	CP	K229CG
CO Eagle	93.3	CP	K227CA	KS Emporia	96.9	CP	K245BQ
CO Fort Collins	106.3	CP	K292GK	KS Pittsburg	95.9	CP	K240EH
CO Glendale	101.5	APP	KJHM-4	KS Topeka	104.9	CP	K285GL
CO Glendale	107.1	APP	KDHT-6	KY Bowling Green	94.5	CP	W233BV
CO Glenwood Springs	103.5	CP	K278BV	KY Bowling Green	95.9	CP	W240CP
CO Granby	100.7	CP	K264BO	KY Paducah	104.7	CP	W284CG
CO Grand Junction	94.5	CP	K233CK	KY Lawrenceburg	102.9	CP	W275BT
CO Grand Junction	95.7	CP	K239BS	KY Pulaski	94.9	CP	W235BU
CO Greenwood Village	101.5	APP	KJHM-5	KY Winchester	98.5	CP	W253BK
CO Greenwood Village	107.1	APP	KDHT-7	LA Baker	99.5	CP	K258CH
CO Jansen	98.3	CP	K252FI	LA Houma	98.9	CP	K255CI
CO Julesburg	100.3	CP	K262CC	MI Big Rapids	99.1	CP	W256CC
CO Lake City	101.3	CP	K267BQ	MI Charlotte	95.9	CP	W240CO
CO Oak Creek	99.5	CP	K258CJ	MI Haslett	106.9	CP	W295BP
CO Pueblo	94.7	KFVR-1	KFVR-FM1	MI Houghton	88.3	CP	W257CZ
CO Redstone	91.5	K215BD	K218FE	MI Holt	98.3	CP	W252CN
CO Rifle	100.3	CP	K262CB	MN Blue Earth	95.3	CP	K237FO
CO Ridgeway	95.5	APP	KRKQ-1	MN Blue Earth	97.3	CP	K247BO
				MN Blue Earth	107.9	CP	K300CI

MN Buhl	104.5	CP	W283BV	OK McAlester	100.9	CP	K265ER
MN East Grand Forks	98.5	CP	K253BK	OK Mounds	107.9	CP	K300CK
MN Pennock	103.3	CP	K277CC	OK Tahlequah	96.3	CP	K242CK
MS Cedar Hills	92.9	K224BV	W225BK	OR Astoria	104.5	K242BY	K283BT
MS Coldwater	92.9	CP	W225BP	OR Biggs	94.7	CP	K234CD
MS Coldwater	107.9	CP	W300CH	OR Chiloquin	88.7	K202DE	K204GH
MS Corinth	92.9	CP	W225BN	OR Parkdale	96.7	CP	K244ES
MS Southhaven	100.1	CP	W261CE	OR Philomath	104.3	CP	K282BH
MO Boonville	94.9	CP	K235BZ	OR Pinehurst	105.9	CP	K290BX
MO Camdenton	99.5	CP	K258CF	OR Seven Oaks	94.3	CP	K232EM
MO Columbia	94.7	CP	K234CC	OR Voorhies	102.3	CP	K272FC
MO Hermann	102.9	CP	W275BU	PA Du Bois	104.5	CP	W283BU
MO La Belle	102.5	CP	K273CG	PA Germansville	106.5	W290BY	W293BW
MO Monroe City	102.7	CP	K274CF	SC Branchville	101.9	CP	W270CF
MO St. Louis	107.3	K244EP	K297BI	SC Clinton	88.3	W201CJ	W202CG
MO Sedalia	94.7	CP	K234CE	SC Greenville	102.1	CP	W271BS
MO Vandalia	106.3	CP	K292GI	SC Greenwood	98.5	CP	W253BL
NE Beatrice	103.3	CP	K277CD	SC Myrtle Beach	102.3	CP	W272CV
NE Briggs	98.9	CP	K255CJ	SC Pickens	107.7	CP	W299BO
NE Columbus	99.3	CP	K257FK	SC Seneca	95.1	CP	W236CD
NE North Platte	106.1	CP	K291BW	SD Watertown	98.5	CP	K253BI
NE West Point	98.9	CP	K255CK	TN Brentwood	92.5	CP	W223BV
NV Fallon	103.3	CP	K277CE	TN Columbia	93.9	CP	W230BX
NV Lovelock	101.9	CP	K270BT	TN Hermitage	103.7	CP	W279CH
NV Reno	103.3	K291BJ	K277BW	TN Knoxville	98.1	CP	W251BR
NV Sparks	90.9	K211EB	K215FK	TN Memphis	106.7	CP	W294BP
NJ Absecon	104.1	CP	W281BH	TN Spurgeon	100.3	CP	W262CG
NJ Cape May	100.3	CP	W262CH	TX Belton	94.1	CP	K231BX
NJ Marmora	97.7	CP	W249CM	TX Brenham	98.7	CP	K254BV
NM Alamogordo	100.5	CP	K263BF	TX Brenham	102.5	CP	K273CD
NM Alamogordo	106.3	CP	K292GJ	TX Connell	99.1	CP	K256CC
NM Clovis	106.7	CP	K294CB	TX Lubbock	96.9	K246BT	K245BG
NM Hobbs	93.3	CP	K227BY	TX Lubbock	102.1	CP	K271BW
NM Los Alamos	107.1	CP	K296GI	TX Lubbock, South	101.7	CP	K269FZ
NY Colonie	100.5	CP	W263CG	TX Plainview	98.5	CP	K253BM
NY Danby	107.3	CP	W297BI	TX Sherman	92.3	CP	K222CD
NY Endwell	96.9	W221AX	W245BV	TX Shiner	99.1	CP	K256CB
NY Ithaca	96.7	CP	W244CZ	TX Sweetwater	105.5	CP	K288GM
NC Burgaw	103.3	W276BR	W277CF	TX Temple	101.1	CP	K266BQ
NC Burlington	104.5	CP	W283BT	TX Victoria	99.9	CP	K260BW
NC Cashiers	97.7	CP	W239CB	TX Waco	96.1	CP	K241BW
NC Cashiers	105.5	CP	W288CR	TX Warfield	105.1	CP	K286BW
NC Charlotte	101.5	CP	W268BV	UT Moab	98.3	CP	K252FH
NC Elkin	103.1	CP	W276CN	UT Navarro Mountain/Lake County	99.1	CP	K256CA
NC Fairfield	97.7	CP	W249CN	UT Nephi	106.9	CP	K295BW
NC Greensboro	93.5	CP	W228CM	UT Parowan	104.7	CP	K284BU
NC Greensboro	96.3	CP	W242CD	UT Richmond	100.3	CP	K262CA
NC Greensboro	102.7	CP	W274BO	UT Rural Beaver County	105.9	CP	K285GJ
NC Hendersville	107.9	CP	W300CJ	UT St. George	103.7	K276DJ	K279BN
NC Huntersville	100.1	CP	W261BZ	UT St. George	105.1	KOEZ-LP	KFUR-LP
NC Jacksonville	97.5	CP	W248BS	VT Montpelier	99.5	CP	W258BZ
NC Jamestown	104.9	CP	W285EU	VT Rupert	96.3	CP	W242CE
NC Kinston	92.7	CP	W224CJ	VA Concord	106.7	W293BY	W294BO
NC Liberty	105.9	CP	W290CJ	VA Danville	102.5	W275BR	W273CD
NC Mooresville	101.5	CP	W268BU	VA ex: Westover Hills			
NC Morehead City	97.1	CP	W246CJ	VA Gainesville	106.3	W240BH	W292EC
NC New Bern	97.1	CP	W246CL	VA Midlothian	96.1	W295BF	W241AP
NC Rocky Mount	102.1	CP	W271BT	VA Spotsylvania	94.9	CP	W235BT
NC Rose Hill	92.7	CP	W224CI	WA Chelan	94.3	CP	K232EP
NC Saly	105.3	CP	W287CD	WA Chelan	99.7	CP	K259CD
NC Valdese	107.3	W243BX	W297CX	WA Chelan	105.5	CP	K288GN
NC Waynesville	105.5	CP	W288CQ	WA Chelan	103.5	K224CP	K278BU
NC Winterville	97.9	W249CJ	W250CJ	WA Hazel Dell	103.7	CP	K279BU
ND Bismarck	95.3	CP	K237FQ	WA Husum	106.1	CP	K291BV
OH Chillicothe	101.9	CP	W270CG	WA Mabton	107.3	CP	K297BJ
OH Cincinnati	107.9	CP	W300CI	WA Palouse	103.3	CP	K277CB
OH Findlay	97.5	CP	W248BT	WA Sampson	101.7	CP	W269CO
OH Mansfield	103.1	CP	W276CM	WV Big Chimney	105.1	CP	W286CH
OK Chickasha	95.1	CP	K236BP	WI Coleman	106.7	CP	W292EG
OK Dell City	102.3	CP	K272FD	WI Eau Claire	103.1	CP	W276CO
OK Duncan	102.1	CP	K271BY	WY Buford	106.9	CP	K295BY
OK El Reno	97.7	CP	K249EN	WY Cheyenne	96.9	CP	K245BP
OK Henryetta	107.7	CP	K299BF	WY Laramie	95.9	CP	K240EG
OK Lawton	93.7	CP	K229CH				
OK McAlester	96.3	CP	K242CJ				

— FORMAT AND SLOGAN CHANGES —

— Full Power and LP Facilities —

AL Bay Minette	105.5	WNXP	Changes network to Fox Sports Radio: <i>Sports Radio 105.5</i>
AL Cullman	88.3	WJUV	Returns to the air with Religious Teaching: <i>Divine Word Radio</i> [Eternal Word Network]
AS Fagaitua	103.1	WVUV-FM	Adds slogan <i>V103 The People's Station</i>
AZ Parker	93.9	KRIT	Returns to the air with Regional Mexican: <i>Radio Campesina</i> [Radio Campesina]
AZ Wickenburg	96.3	KSWG	Changes slogan to <i>Real Country - Greatest Country Music Of All Time</i>
CA El Centro	88.1	KECG	Adds slogan <i>World One Radio</i>
CA Ferndale	99.1	KJNY	Changes slogan to <i>99.1 Kiss FM</i>



CA Hayward	89.9	KCRH	Changes slogan to <i>The East Bay's Best Variety</i>	
CA San Simeon	90.9	KSIY	Signs on with Spanish Religious: <i>Radio Vida Abundante</i>	
CA Tipton	104.9	KCRZ	Changes slogan to <i>Hits 104.9</i>	
CO Norwood	104.9	KRYD	> Adult Hits: <i>Jack FM 97.7/104.9</i> [Dial Global - Jack FM]	
CO Orchard Mesa	97.7	KNOZ	> Adult Hits: <i>Jack FM 97.7/104.9</i> [Dial Global - Jack FM]	
CO Strasburg	97.7	KSJL	Returns to the air with Religious Teaching: <i>Radio 74</i>	
<i>Internationale</i> [Radio 74 Internationale]				
FL Atlantic Beach	104.5	WOKV-FM	> Urban AC: <i>Hot 106.5 Duval's Adult R&B</i>	
FL Fort Myers	96.9	WINK-FM	Changes their slogan to <i>96.9 More-FM</i>	
FL Pointe Vedra Beach	106.5	WHJX	> Urban AC: <i>Hot 106.5 Duval's Adult R&B</i>	
GA Buford	102.3	WLKQ-FM	Changes their slogan to <i>La Raza 102.3</i>	
GA Talking Rock	100.1	WNSY	> Regional Mexican: <i>La Raza 102.3</i>	
GA Unadilla	99.9	WNNG-FM	Changes network to Dial Global - NBC Sports Network	
GU Agana	101.9	KTKB-FM	Changes their slogan to <i>MegaMixx 101.9</i>	
IL Tuscola	93.5	WSJK	> Sports: <i>ESPN Radio 93.5</i> [ESPN Radio Network]	
IN Indianapolis	107.9	WNTR	> Adult CHR: <i>107.9 The Mix</i>	
IA Des Moines	97.3	KHKI	Changes their slogan to <i>Nash FM 97.3</i>	
KS Belle Plaine	99.7	KANR	> Adult Contemporary: <i>Wichita's Lite 99.7FM</i>	
KS Girard	99.1	KSEK-FM	> Sports: <i>ESPN 99.1 The Ticket</i> [ESPN Radio]	
Network]				
LA Maurice	106.3	KYMK-FM	> Classic Country: <i>The Mustang</i>	
LA Opelousas	105.9	KFXZ-FM	> Urban AC: <i>Z 105.9</i>	
ME South Portland	100.9	WYNZ	Remains 60s through 80s Pop Hits, but changes their	
slogan to <i>Rewind 100.9</i>				
MA Boston	104.9	WRBB	Changes slogan to <i>WRBB 104.9</i>	
MA Newton	90.3	WZBC	Changes slogan to <i>WZBC 90.3 Newton</i>	
MS DeKalb	90.3	WWQD	Changes slogan to <i>The Life FM</i> [and network to The Life FM]	
MS Potts Camp	95.9	WCNA	> Adult Hits: <i>Max 95.9</i>	
MI Cheboygan	97.7	WOEZ	> Classic Rock and changes slogan to <i>The Bear</i>	
MI Mackinaw City	94.5	WJZJ	> Talk: <i>Your Patriot Voice</i>	
MI Mio	93.9	WAVC	Returns to the air with Talk: <i>Your Patriot Voice</i>	
MI Onaway	106.3	WYPV	> Soft AC: <i>Easy 106.3</i>	
MI Portage	96.5	WZOX	> Modern Rock: <i>Z 96.5</i>	
MI Wyoming	88.1	WYCE	Changes slogan to <i>World Of Music</i>	
MN St. Peter	105.5	KRBI-FM	Changes primary format to Adult Contemporary: <i>105.5 The</i>	
<i>River</i>				
MO Florissant	97.1	KFTK	Adds <i>Coast-to-Coast</i> from 0100-0600 daily	
MT Bozeman	90.3	KZBN	Returns to the air with Religious Teaching	
NE Kearney	91.1	KLPR	> Adult Alternative: <i>The Power</i>	
NJ Hopatcong	88.1	WDNJ	Adds slogan <i>WDNJ FM 88.1</i>	
NJ Wayne	88.7	WPSC-FM	Changes slogan to <i>WPSC Brave New Radio</i>	
NM Alamogordo	91.7	KUPR	> Contemporary Christian: <i>K-Love</i> [K-Love]	
NM Clayton	90.3	KUHC	Returns to the air with Religious Teaching // KJRT 88.3 Amarillo, Texas	
NM Ruidoso	91.3	KKLB	Returns to the air with Contemporary Christian: <i>K-Love</i> [K-Love]	
NY Oak Ridge	100.3	WNOX	Changes slogan to <i>Q 100.3</i>	
NY Southampton	88.3	WPPB	Changes slogan to <i>WPPB Local Public Radio</i>	
NC Carolina Beach	106.7	WMYT	> News/Talk: <i>My Talker</i> ; shows include Glenn Beck,	
Sean Hannity and <i>Coast to Coast</i>				
NC Robbins	88.1	WYTR	Signs on with Southern Gospel: <i>Your Truth Radio</i>	
88.1				
ND Walhalla	106.7	KYTZ	Changes slogan to <i>Big 106</i>	
OR Brightwood	91.1	KZME	Returns to the air with Adult Alternative	
OR Union	103.1	KVBL	> Talk/Sports: <i>NewTalk 103</i> and adds Dial Global - NBC	
Sports Network				
PA Central City	101.7	WCCL	Adds network Cumulus - True Oldies: <i>Cool 101.7</i>	
PA Strattanville	101.3	WZDD	Signs on with Classic Rock: <i>95.9 ZDB Rocks</i>	
PA Williamsport	88.1	WPTC	> Jazz: <i>The Best In College Radio</i>	
PR Arecibo	107.3	WCMN-FM	> Rhythmic-CHR: <i>Hot 102 FM</i>	
PR Cabo Rojo	102.3	WMIO	> Rhythmic-CHR: <i>Hot 102 FM</i> // WCMN-FM 107.3	
Arecibo				
RI Block Island	99.3	WMNP	> CHR: <i>Mixx 99.3</i>	
TN Oak Ridge	100.3	WNOX	> Country: <i>Q 100.3</i> // WCYQ 93.1 Karns: <i>Today's</i>	
<i>Continuos Country</i>				
TX Borger	104.3	KQFX	Changes slogan to <i>La Caliente</i>	
TX Bovina	96.5	KKNM	> Spanish Oldies: <i>Recuerdo</i>	
TX Campbell	107.1	KRVA-FM	> Classic Country	
TX Eden	91.5	KPDE	Signs on with Spanish Religious	
TX Friona	94.7	KGRW	Changes slogan to <i>La Caliente</i>	
TX Highland Park-Dallas	103.7	KVIL	Changes slogan to <i>103.7 KVIL</i>	
TX Lewisville	107.9	KESS-FM	Changes format to Rhythmic-CHR: <i>Hot 107.9</i>	
TX New Boston	105.1	KTTY	> Classic Hits: <i>Hits 105</i>	
VA Tazewell	100.1	WKQY	> Religious Teaching: <i>CSN International</i> [Christian Satellite Network]	
WV Montgomery	89.7	WNUX	Signs on with Religious Teaching: <i>The Catholic Voice</i>	
1450 [Eternal Word Network]				
WV Montgomery	89.7	WNUX	Adds slogan	
WV Princeton	100.9	WKOY-FM	Changes slogan to <i>Eagle 100.9</i>	
WI Omro	99.5	WPKR	Changes their slogan to <i>Nash FM 99.5 and 104.9</i> //	
KPCK 104.9 Denmark				
WI Hartford	104.9	WTKM-FM	Changes slogan to <i>HomeTown Radio 104.9</i>	
WY Saratoga	99.3	KTGA	> Classic Rock: <i>Big Foot 99</i>	
— Translators —				
AL Selma	101.5	W268BQ	Signs on with Country: <i>Kix 101.5</i> // WALX 100.9	
HD-2				
CO Fort Collins	94.9	K235BT	> AAA: <i>Radio 94.9</i>	
— FM and AM SIMULCASTS —				
GA Dublin	96.9	W245BT	WMLT-1330 Dublin with Classic Rock/Sports	

ID Boise	96.5	K260AI	KINF-730 Boise with ESPN Sports
NY Cheektowaga	102.9	W275BB	WECK-1230 Cheektowaga: <i>Timeless WECK</i>
OH Port Union	94.5	W233BG	WLW-700 Cincinnati with News/Talk
VA Alexandria	97.7	W249BE	WTNT-730 Alexandria with Talk
VA Danville	102.5	W273CD	WBTM-1330 Danville with Adult Contemporary as <i>WBTM Big Hits 102.5</i>
WV Montgomery	89.7	WNUX	WLUX-1450 Dunbar with Religion [EWTN]: <i>The Catholic Voice 1450</i>
WI Reedsburg	95.3	W237CJ	WRDB-1400 Reedsburg with 60s/70s Oldies



— OTHERNEWS —

AL Centerville	98.1	W251BG	Changes City-of-License from Tarrant
AK Kotzebue	103.9	KHZK	License cancelled; call deleted
AZ Bisbee	92.7	-----	
AZ McNary	97.7	-----	Application for a new Class C1 station dismissed
AZ South Phoenix	102.1	-----	Application for a new translator dismissed
CA Alpine	107.9	KRLY-LP	Moves here from 106.9
CA Amboy	104.7	-----	Application for a new Class A station dismissed
CA Barstow	106.1	-----	Application for a new translator dismissed
CA Cutten	104.7	KHUM	Changes city of license from Garberville
CA Modesto	94.7	K234AX	License cancelled; call deleted
CA Point Reyes	91.3	KDVZ	Is silent
CA Santa Maria	89.7	KHFR	Is silent
CA Shasta Lake	96.5	KIHP-LP	Is silent
CA Tracy	89.5	KYNJ	Is silent (after being on for less than one month)
CO Colorado	98.5	K253AH	Moves here from 102.1
CO Denver	103.1	K276FK	Changes City-of-License from Pinecliff
DE Millsboro	106.5	WRBG-LP	Moves here from 107.9
FL Brooksville	103.9	W280DK	Changes City-of-License from Inverness
FL Miami	93.5	-----	Application for a new translator dismissed
GA Canton	103.7	WPGC-LP	Moves here from 107.9 and reduces power from 100 to 7 Watts
GA Saint Marys	92.5	-----	Application for a new translator dismissed
HI Manakuli	106.7	KNAN	Is silent
ID Priest River	96.5	-----	Application for a new translator dismissed
IL Lee	88.5	WAED	Is silent
IL Mount Carmel	93.9	WPDQ-LP	Application for renewal denied per licensee's request
IN Frankfurt	106.5	-----	Application for a new translator dismissed
IN Indianapolis	102.3	-----	Application for a new translator dismissed
KY Walton	105.5	WFKC-LP	Moves here from 97.7
KY Westwood	102.3	WWQB	Moves here from 99.7, but remains silent
LA Lafayette	97.7	K202DN	License cancelled; call deleted
MA Edgartown	88.7	WMEX	Is silent
MI Bedford Township	97.9	-----	Application for a new translator dismissed
MI Evert	102.7	-----	Application for a new Class A station dismissed
MI Ludington	97.7	-----	Application for a new Class A station dismissed
MI Munising	89.3	WSHN	Moves here from 89.7
MT Bozeman	90.3	KZBN	Moves here from 89.9
MT Livingston	89.9	KYPM	Moves here from 90.1
NE Columbus	90.3	K212AV	Is silent, forced off due to the sign-on of new KGKD 90.5; has applied to return (on 89.7 MHz) with same facilities (39 Watts @ 50 meters), but switch from horizontal (only) to vertical (only) polarization
NV Reno	93.9	-----	Application for a new translator dismissed
NV Winnemucca	102.7	KQGD	Changes City-of-License from Elko
NJ Manahawkin	97.9	W250BA	Application for a new translator dismissed
NM Alamogordo	89.9	K210CU	License cancelled; call deleted
NM Anthony	107.9	-----	Application for a new translator dismissed
NM Cloudcroft	88.9	KHII	Is silent
NY Dobbs Ferry	94.3	-----	Application for a new translator dismissed
NY Eagle	104.5	W283AU	Changes City-of-License from Houghton
NY Milford	88.5	WUOW	Is silent
NC Winterville	97.9	W249CJ	Changes City-of-License from Trenton
OH Cincinnati	94.5	W233BG	Changes City-of-License from Port Union
OH Delaware	101.9	WINF-LP	Application to move to 98.5 MHz approved
OH Delaware	105.5	-----	Application for a new translator dismissed
OH Warren	100.5	-----	Application for a new translator dismissed
OK Chickasha	89.7	K209DJ	License cancelled; call deleted per licensee's request
OR Gearhart	96.5	-----	Application for a new Class A station dismissed
OR Prineville	97.9	Pirate	Fined an individual \$15,000 for operating an unlicensed transmitter
PA Erie	95.9	WXNM-LP	Is silent
PA Laceyville	90.5	WCOZ	Is silent
SC Spartanburg	105.7	W289BS	Changes City-of-License from Greer
SD Newell	107.9	KXZT	Is silent
SD Wall	107.5	KXZS	Is silent
TN Memphis	96.7	W244BY	License cancelled; call deleted
TX Breckenridge	92.7	KYRE-LP	License renewal dismissed; license cancelled; call deleted
TX Brownsville	101.9	-----	Application for a new translator dismissed
TX Burnett	95.9	CP	Application for a new Class A station granted; a competing application was dismissed
TX Cotulla	96.5	-----	Application for a new translator dismissed
TX Dilley	99.9	-----	Application for a new translator dismissed
TX Donna	94.9	-----	Application for a new translator dismissed

TX Eagle Pass	90.7	KBAW	License cancelled; call deleted [station never made it on the air]
TX Early	106.7	-----	Application for new Class A station dismissed
TX Greenville	101.5	KYLP-LP	Fined \$9000 for failing to install Emergency Alert System equipment and to maintain EAS logs
TX Hondo	89.9	KZIC	Is silent
TX Hondo	103.5	-----	Application for a new translator dismissed
TX Leakey	102.9	-----	Application for a new Class A station dismissed
TX Lubbock	96.9	K245BG	Changes City-of-License from Littlefield
TX McCamey	94.5	-----	Application for a new Class C3 station dismissed
TX Markham	104.5	-----	Application for a new Class A station dismissed
TX Rio Grande City	106.9	-----	Application for a new translator dismissed
TX Roma	105.5	-----	Application for a new translator dismissed
TX San Antonio	93.3	K227BH	Changes City-of-License from McQueeney
TX San Juan	103.3	-----	Application for a new translator dismissed
TX Sunset Valley	92.5	KVLR	Changes City-of-License from Elgin
TX Victoria	104.7	KVIC	Moves here from 95.1
TX Weslaco	97.7	-----	Application for a new translator dismissed
UT St. George	105.1	KFUR-LP	Moves here from 101.1
VA Hampton	105.7	-----	Application for a new translator dismissed
WA Spokane	93.3	-----	Application for a new translator dismissed
WV Glenville	107.7	WVRW	Fined \$10,000 for failing to maintain and make available issues/program lists in the local public inspection file
WV Weston	96.3	WOTR	Fined \$10,000 for failing to maintain and make available issues/program lists in the local public inspection file
WI Washburn	105.5	WEGZ	Licensed for 100 kW, WEGZ is operating under an STA with 2 kW due to damage sustained during a recent ice storm. Repairs are expected to return the station to full power within 90 days.
WY Albin	107.3	KKAW	Is silent
WY Laramie	98.7	KRQU	Is silent
WY Reliance	98.7	KWXR	Is silent
WY Wheatland	107.5	KPAD	Is silent

NEWS ITEM: Did the Internet kill the radio? [By Dan X. McGraw | Houston Chronicle | May 1, 2013

Radio made its debut in cars in 1930, but automakers may soon be phasing the iconic feature out of newer models.

According to Detroit News, the radio may soon be replaced by radio stations streamed through cellphones or web-based dashboards. Detroit Electric, which will debut its first model in August, is the first automaker to yank the feature from its cars.

Thilo Koslowski, a vice president at technology research firm Gartner Inc., told the Detroit News that more automakers may soon follow suit. "By 2020, I feel very confident that many consumers will consume radio content through avenues other than terrestrial broadcast." Or in other words, the radio isn't on its deathbed, but it'll likely be going through some massive renovations in the next seven years that could involve phones, tablets or more web-based interactive displays.

Car companies are already packing new technology into new models as a way to entice consumers. General Motors plans to soon offer 4G mobile Internet in its cars, which could make streaming radio more accessible. However, automakers may be reluctant to remove terrestrial radios because the feature is more functional than Internet-based systems. Terrestrial typically works well within range of the radio signal and doesn't struggle with interference or interruption.

At least for now, Internet streaming could struggle due to poor reception in some areas, making it less useful than a simple radio. It might hard to ditch radios right now. "While we are excited about the possibilities of Internet radio services and other emerging services, we understand that AM/FM radio is still a significant source of news and entertainment," GM spokesman Terry Rhadigan told Mother Nature Network. "In fact, it is an expected feature."

 Thanks to Shawn Axelrod, Ron Cesarek, Dan Sys, Inside Radio, Radio Insight, Radio World Online and Upper Midwest Broadcasting for news.

If you hear any changes on the FM band occur, share the news! 73



FM FACILITIES

JUNE 2013

AF	Applied For (a new station)	PC	Power (and/or tower height) change on the air
Aux	Auxiliary (backup) transmitter	PG	Power change granted
CC	Callsign change	PR	Power change requested
CL	City-of-license change	RA	Returns to the air
DE	License/permit deleted	RE	Reinstated (previously-dismissed app.)
FC	Programming (format) change	ROA	Request of Applicant
FTP	Failure to Prosecute	SI	Off the air (silent)
LC	License to Cover	STA	Special Temporary Authority
NS	Permit granted for new station	XC	Transmitter site changed
NW	New station on the air	XG	Transmitter site change granted
PA	Proposed Amendment	XR	Transmitter site change requested

Changes:

City & S/P	FREQ	CALLSIGN	CHANGE
AB Wabasca	94.3	CHSL-FM-1	NS 6kw/62m, to relay CHSL-FM Slave Lake
AB Wainwright	101.9	CKKY	QG from 830 AM, 50kw/170m, 52-59-41/110-31-59, country
AB Wainwright	93.7	CKWY-FM	PG<50kw/170m, to allow CKKY to go FM without raising multiple-ownership issues with regard to Newcap's Lloydminster stations
AK Anchorage	106.5	KWHL	PR<16m
AK Anvik	89.5	KMGS	CC for NS
AK Bethel	98.3	KEDI	PR 210w/40m, 60-46-57/161-50-22
AK Grayling	90.5	KGYA	CC for NS
AK Grayling	90.5	KGYA	NW 50w/71m, 62-54-22/160-03-50 (Kuskokwim Public Broadcasting Corp.)
AK Holy Cross	91.5	KLOP	CC for NS
AK Kotzebue	103.9	KHZK	CX ROA
AK Seward	91.7	KIBH-FM	PR<-503m, 60-09-42/149-23-28
AK Shageluk	88.5	KNKO	CC for NS
AL Daphne	106.5	WAVH	PG>142m, 30-43-34/88-09-06
AL Daphne	106.5	WAVH	PR>142m, 30-43-34/88-09-06
AL Fort Rucker	103.9	WLDA	PR>24.5kw/216m, 31-17-28/85-34-19; amendment from 26kw/208m & to change site
AL Slocomb	100.5	WJRL-FM	PR<10kw/132m, 31-11-33/85-24-42
AR Berryville	107.1	KTHS-FM	PR 3.2kw/201m
AR Coal Hill	92.7	KDYN-FM	PC>12.5kw/144m, 35-29-09/93-53-30
AR Dermott	92.7	NEW	GA from 105.7, Class A
AR Heber Springs	101.9	NEW	AF 25kw/100m, 35-34-12/91-55-41 (Sydney Allison Sugg)
AR Ozark	96.7	KCYT	PC>47kw/154m, 35-38-33/94-07-52
AZ Florence	103.1	KCDX	PR 42kw/614m, 32-46-44/110-57-46
CA Bakersfield	101.5	KGFM	NS 120w/119m, 35-28-21/119-01-40 (aux)
CA Bakersfield	101.5	KGFM	NW 120w/119m, 35-28-21/119-01-40 (aux)
CA Bakersfield	94.1	KISV	NS 120w/119m, 35-28-21/119-01-40 (aux)
CA Bakersfield	94.1	KISV	NW 120w/119m, 35-28-21/119-01-40 (aux)
CA Borrego Springs	91.3	KKJD	PG<190w/-352m
CA Colfax	91.9	KJPT	CC for NS
CA Cutten	104.7	KHUM	PC 24.5kw/505m, 40-43-36/123-58-18
CA Desert Center	101.1	NEW	PR<-110m
CA Ferndale	90.1	KHSF	PR>165w/542m
CA Needles	97.9	KLUK	PR>100kw/475m
CA Oroville	91.1	KROV	NW 225w/378m, 39-30-18/121-18-35 (Bird St. Media Project)
CA Porterville	99.7	KIOO	PR>25kw/214m
CA San Francisco	103.7	KOSF	PC<6.4kw/403m, 37-41-17/122-26-07
CA San Simeon	90.9	KSIY	CC for NS
CA Tulare	94.9	KBOS-FM	AF 1kw/244m (aux)
CA Tulare	94.9	KBOS-FM	PC>263m, 36-38-11/118-56-33
CA Visalia	92.9	KFSO-FM	AF 880w/244m (aux)
CA Westwood	88.5	KWLK	CC from KJCQ
CO Burlington	88.7	KTMJ	FC; sold to KEPC
CO Julesburg	96.5	KJBL	PR>65kw/-17m, 40-59-19/102-15-36
CO Morrison	91.1	KLDV	AF 4.5kw/333m (aux)
CO Rye	104.9	KRYE	PR>100kw/79m, 38-03-18/103-53-35; CL from Olney Springs
CO Springfield	91.9	KLXD	QR from 91.7, 150w/64m, 37-24-36/102-37-37
CO Springfield	91.9	KTTE	CC from KLXD
CO Springfield	91.9	KTTE	QG from 91.9, 150w/64m, 37-24-36/102-37-37
CO Woodland Park	89.5	KILE-FM	XC 38-59-49/105-02-46
FL New Port Richey	91.5	WCIE	PR>100kw/338m, 28-10-56/82-46-06 dismissed 73.3517(e) (grant was contingent on grant of frequency change for WJFH - WJFH's move was denied.)
FL Sebring	91.7	WJFH	QR from 91.5, 2kw/137m dismissed 73.509 (prohibited overlap) & 73.510(a) (non-compliant directional antenna)
FL St. Marks	91.1	WUJC	PG>75kw/138m, 30-30-55/83-52-17 CX ROA; going to 73.5kw instead
GA Aragon	107.1	WTSH-FM	PG>287m, 34-09-34/85-02-13
GA Canton	105.7	WRDA	CC from WWVA-FM

GA Columbus	102.9	WVRK	PR>482m, 32-19-16/84-46-29
GA Columbus	102.9	WVRK	PR>482MK, 32-19-16/84-47-29; amendment to correct coordinates
GA Fayetteville	97.5	WUMJ	PR 8.5kw/165m, 33-30-13/84-34-58
GA Gainesville	97.1	WSRV	PR<100kw/212m, 34-08-34/84-00-11; amendment from 305m at different site
GA Peachtree City	96.7	WRDG	CC from WWLG
GA Pembroke	99.3	WBAW-FM	QR from 99.1, 100kw/247m, 32-07-29/81-49-02 CX ROA. Going for 100kw/246m at different site.
GA Tignall	96.7	WSGC-FM	QR from 105.3, 25kw/100m
GU Mangilao	99.5	KPXP	PC<11.5kw/154m, 13-29-17/144-49-30; CL from Saipan
ID Iona	93.1	KEZO	QG from 92.9, 37kw/440m, 43-30-0-3/112-39-43; CL from West Yellowstone, Mont.
IN Morristown	91.3	WWQI	CC for NS
IN Muncie	91.3	WWHI	PG 380w/40m, 40-12-03/85-24-30
KS Belle Plaine	99.7	KHLT-FM	CC from KANR
KY Benton	88.1	WTRT	PR>3.5kw/66m
KY Hiseville	91.1	WBFK	PR<2kw/24m, 37-06-43/85-52-12; CL from Smiths Grove
KY Smith Mills	94.5	WBFW	CC for NS
KY Westwood	102.3	WWQB	PG>15kw/131m
LA Ball	105.5	KBKK	NS 69w/35m, 31-19-23/92-26-05 (aux)
LA Bunkie	104.3	KEZP	NS 69w/35m, 31-19-23/92-26-05 (aux)
LA Columbia	103.1	KQLQ	NS 55w/30m, 32-31-16/92-06-33 (aux)
LA Delta	92.7	KSBU	NW 4.3kw/118m, 32-22-13/91-07-39 (Holladay Broadcasting of La.)
LA Dulac	97.7	KDLC	PR<200w/24m, 29-24-47/90-42-10
LA Monroe	106.1	KXRR	NS 69w/30m, 32-31-16/92-06-33 (aux)
LA New Orleans	93.3	WQUE-FM	GA from class C to C0
LA New Roads	88.3	KPCP	PC>10.5kw
LA Rayville	92.3	KMYX	NS 69w/30m, 32-31-16/92-06-33 (aux)
LA Tioga	103.5	KLAA-FM	NS 69w/35m, 31-19-23/92-26-05 (aux)
LA Tioga	103.5	KLAA-FM	NS 69w/35m, 31-19-23/92-26-05 rescinded
LA West Monroe	98.3	KZRZ	NS 69w/30m, 32-31-16/92-06-33 (aux)
MB Portage La Prairie	93.1	CFRY-FM-1	FC to classic rock; requests permission to drop relay of CFRY AM 920
ME Benedicta	89.3	WRPB	PC>2kw/61m
ME Howland	103.9	WVOM-FM	CC from WVOM
ME Milbridge	93.7	WRMO	PR>27kw
ME Skowhegan	107.9	WFMX	PG>32kw/129m, 44-33-16/69-44-29
MI Cheboygan	97.7	WOEZ	CC from WJZJ
MI Fife Lake	95.9	NEW	NS 19kw/249m, 44-35-41/85-11-53 (Good News Media)
MI Fife Lake	95.9	WLJW-FM	CC for NS
MI Mackinaw City	94.5	WJZJ	CC from WOEZ
MI Manistique	88.9	WCRR	PR>44.8kw reinstated
MI Mount Forest	91.9	WSMO	PR>6kw dismissed 73.215 & 73.510(a) (prohibited overlap & directional antenna too directional)
MI Speaker Twp	89.7	WKMM	PR<300w/64m, 43-04-08/82-28-48 dismissed
MN Minneapolis	91.1	KNOW-FM	NS 27kw/389m & 24kw/302m, both (aux)
MN Minneapolis	91.1	KNOW-FM	NW 27kw/389m (aux)
MN Paynesville	98.9	KZPK	PR 24kw/220m
MN St. Peter	90.5	KNGA	NS 4.6kw/141m, 44-13-20/94-07-03 (aux)
MO Chillicothe	102.5	KCHI-FM	QR from 98.5
MO Deerfield	100.7	KSHQ	CC for NS
MS Cleveland	93.1	NEW	GA from 92.9, Class C2
MS Indianola	105.7	WIBT	GA from 105.5, from Class A to C2
MS Summit	93.5	NEW	GA, Class A
MT Belgrade	99.1	KCMM	PR>13kw/194m, 45-38-20/111-15-56
MT Bozeman	90.3	KZBN	QC from 89.9, 12.5kw/-168m, 45-37-40/110-57-47
MT Bozeman	90.3	KZBN	QR from 89.9, 12.5kw/-168m, 45-37-40/110-57-47
MT Livingston	89.9	KYPM	QC from 90.1, 1.9kw
NB Bathurst	103.3	NEW	AF 50w/32m, English community
NC Carolina Beach	106.7	WMYT	PR<1.8kw/100m, 34-05-52/77-58-18
NC Harrisburg	92.7	WPZS	PG>10.5kw/154m
NC Knightdale	106.1	WTKK	CC from WRDU
NC Wake Forest	100.7	WRDU	CC from WTKK
NC Wilmington	90.5	WWIL-FM	PR>31kw
ND Beulah	95.7	KQLZ	CC from KLTQ
ND Enderlin	107.3	KCNN	PR>240m, 46-26-38/97-53-06 dismissed
ND New England	98.1	KLTQ	CC from KQLZ
NE Kearney	91.1	KLPR	PR>3.8kw/37m, 40-42-15/99-05-44
NE Sargent	92.3	KHZZ	PG>100kw/254m, 41-29-54/99-25-15
NE Valentine	90.7	KMBV	PC>2.3kw/33m
NF Clarendville	97.1	NEW	NS 2.5kw/21m, hot adcon
NH Moultonborough	106.9	WSCY	PR 4.3kw/119m, 43-35-46/71-29-55
NJ Cape May	102.3	WAIV	PG>6kw/57m, 38-59-34/74-48-48
NJ Trenton	101.5	WKXW	PR 19kw/245m
NM Carlsbad	90.1	KLRS	NW 1kw/130m, 32-26-09/104-11-14 (Educational Media Foundation)
NM Carlsbad	90.3	KLRS	QR from 90.1, 1kw/130m, 32-26-09/104-11-14
NM Clayton	90.3	KUHC	QC from 90.1, 140w/28m, 36-26-28/103-11-25
NM Red River	90.1	KCEI	PR>2.05kw/739m, 36-51-34/106-01-02
NV Crystal	100.1	KHWG-FM	PC>1.8kw
NV Lovelock	106.3	KWNZ	PC>100kw/600m, 39-54-46/118-55-18
NV Mesquite	88.5	KEKL	PR>100kw/274m
NV Winnemucca	102.7	KQGD	PG 800w/655m, 41-00-41/117-45-58
NY Cold Brook	91.1	WMHU	PR>380w/227m, 43-08-30/75-02-22
NY Monroe	89.3	WLJP	PC<283m, 41-22-42/74-08-16
NY Ossining	90.3	WDFH	FC; sold to WNYC/WQXR
NY Ossining	90.3	WDFH	PR>250w
NY Ossining	90.3	WQXW	CC from WDFH
NY Rapids	90.9	WLNF	QR from 90.5, 1.8kw
OH Dayton	88.1	WDPR	PG>780w
OH Dayton	99.1	WHKO	AF 13.6kw/267m (aux)

OH Dayton	99.1	WHKO	NS 13.6kw/267m (aux)
OH Grove City	101.1	WOSA	AF 2.4kw/56m (aux)
OH Grove City	101.1	WOSA	NS 2.4kw/56m (aux)
OH Hubbard	101.9	WYLR	PR<98m, 41-05-34/80-29-58
OH Mansfield	90.7	WVMC-FM	PR>1.55kw
OH Republic	88.5	WYOR	PR>16kw/85m, 41-14-57/82-54-47
OK Chickasha	105.5	KWCO-FM	NW 600w/6m, 35-03-03/97-56-26 (aux)
OK Tishomingo	99.7	KBBC	PR<12kw/123m, 34-08-33/96-29-47
ON Mount Forest	88.7	NEW	AF 1.648kw/73m, English community
ON Toronto	103.9	CIRR-FM	PR>250w/123m, 43-39-04/79-23-05
ON Toronto	105.1	CHOQ-FM	PR>1.5kw/276m, 43-38-56/79-22-54
ON Wingham	104.3	CKNX-1-FM	AF 3kw/69m to relay CKNX-920 denied, inconsistent with Common Ownership Policy
OR Bend	88.9	KPOV-FM	PC>1.1kw/489m
OR Brookings	91.5	KDOB	NW 430w/347m, 42-07-23/124-17-56 (UCB USA)
OR Lakeview	95.3	KLCR	PG<306m, 42-12-18/120-19-38
PA Elysburg	90.9	WEVW	PR>250w-H/26w-V/283m, 40-57-31/76-42-31
PA Masontown	88.5	WYFU	PC>16kw H&V (was V-only)/106m
PA Strattanville	101.3	WZDD	NW 4.3kw/115m, 41-19-47/79-15-28 (First Media Radio)
PR Guayanilla	89.9	WDPP	PG<41m, 17-58-53/66-42-00
PR Rio Piedras	95.7	WFID	NW 4.9kw/48m, 18-23-00/66-04-01 (aux)
PR San Juan	99.1	WPRM-FM	NW 4.9kw/48m, 18-23-00/66-04-01 (aux)
PR Vieques	90.1	WVQR	NW 4.1kw/168m, 18-19-19/65-17-59 (Committee for the Rescue & Development of Vieques)
PR Vieques	90.1	WVQR	PR>4.1kw/168m
QC Shawinigan	92.9	CFUT-FM	QR from 91.1, 3.7kw/124m denied
QC Weymontachie	92.3	CBFA-3	QG from 750 AM, 50w/1m
RI Block Island	99.3	WMNP	CC from WJZS
SC Clemson	105.5	WCCP-FM	QR from 104.9, 20kw/114m
SD Frankfort	89.5	KTUT	PR>65kw/182m, 44-35-24/97-40-46
TN Memphis	105.9	WGKX	PA from Class C to C0 dismissed
TN New Johnsonville	89.9	WAYW	PR<500w/97m, 36-02-17/87-56-57
TX Allen	103.3	KESN	AF 100kw/564m (aux)
TX Azle	101.7	KYDA	AF 100kw/535m (aux)
TX Azle	101.7	KYDA	NS 100kw/535m (aux)
TX Batesville	90.7	KRZU	PG 100kw/149m, 28-47-54/99-35-37
TX Beaumont	88.1	KLBT	PG>30kw
TX Benavides	94.3	KYTO	CC for NS
TX Brownfield	89.7	KLTB	CC for NS
TX Burnet	95.9	NEW	AF dismissed (Burnet Bible Church) (settlement with competing applicant)
TX Burnet	95.9	NEW	NS 1.75kw/182m, 30-52-24/98-13-58 (Camp Peniel)
TX Cooper	89.9	KPCO-FM	PR 100w/67m, 33-22-03/95-40-26
TX Deer Park	104.9	KAMA-FM	NW 3.8kw/225m (aux)
TX Deer Park	104.9	KAMA-FM	PC>10.6kw
TX Deer Park	104.9	KAMA-FM	PG>10.58kw
TX Haltom City	93.3	KLIF-FM	PR 16.5kw/264m, 32-46-48/96-48-13
TX Hunt	99.9	KLKV	CC from KRZS
TX Leakey	104.3	KXQK	CC from KBLT
TX Markham	92.5	KKHA	PG>18kw
TX Mason	102.5	KLMW	CC from KHLB
TX McCamey	94.5	NEW	AF dismissed (Charles J. Ryan III) (failure to prosecute)
TX Moran	104.1	NEW	PA, class A
TX Plains	90.3	KPHS	PC<190w/24m, 33-11-21/102-49-28
TX Refugio	103.7	KXAI	CC from KOUL
TX Sunset Valley	92.5	KVLR	PC 2.8kw/149m, 30-19-23/97-47-58
TX Uvalde Estates	103.5	KEWP	NW 6kw/78m, 29-13-01/99-56-59 (Jose Antonio Aguilar Arellano)
TX Victoria	104.7	KVIC	NW 12.7kw/140m, 28-46-55/96-56-29 (Victoria Radioworks)
TX Victoria	95.1	KVIC	PR>13kw dismissed ROA
TX Wheeler	103.9	KBPD	CC for NS
UT Glendale	89.9	KFDJ	PG>40kw/545m, 37-17-45/112-50-34
UT Kanab	105.1	KPLD	NS 1kw/521m (aux)
UT Mount Pleasant	93.7	KUTC	PG<48kw/711m, 39-51-15/111-42-17; CL from Richfield
VA Culpeper	91.3	WARN	QR from 91.5, 14kw/156m, 38-44-30/77-50-08
VA Culpeper	91.5	WARN	PG>400w/287m, 38-18-39/78-00-13 CX ROA
VA Fredericksburg	90.5	WJYJ	PG>47kw/127m
VA Winchester	89.7	WHFW	NW 185w/53m, 39-09-28/78-06-27 (Holy Family Communications)
VA Winchester	91.1	WTRM	QR from 91.3, 75w/440m
VI Frederiksted	102.1	WEVI	PR>3.5kw/294m, 17-44-51/64-50-11
WA Benton City	90.5	NEW	AF dismissed (Prosser SDA Church)
WA Ephrata	92.3	KZUS	CC from KULE-FM
WA Moses Lake	88.7	KDMB	PG 4.6kw/246m, 47-19-08/119-42-18
WA Port Townsend	91.9	KPTZ	PC>2.2kw
WA Sedro-Woolley	88.9	KPLK	PR>4.2kw
WA Westport	101.3	KLWA	PC>4kw/49m
PA Nanty Glo	90.7	WPAI	PG 1.75kw/171m, 40-30-27/78-48-14 CX (remains 2.1kw/147m at old nearby site)
WV Montgomery	89.7	WNUX	NW 3.3kw/417m, 37-56-51/81-18-29 (St. Thomas More Catholic Lawyers Society)
WV Parkersburg	103.1	WHBR-FM	PC 3.8kw/127m, 39-14-47/81-28-19
WY Moose Wilson Road	97.7	KXJN	QC from 98.5, 80w



PHOTO NEWS

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June 2013

Well, July 4th last year provided some E-skip fireworks for Danny Oglethorpe in Shreveport, LA. Let's check it out:



XHY-2 Merida, YUC
 837 mi Es seen 7-4-12
"SIPSE network"



XELN-4 Torreon, COAH
 753 mi Es seen 7-4-12
"La tele de aqui upper right"



XHAE-5 Saltillo, COAH
 651 mi Es seen 7-4-12
"Televisa Saltillo" upper left



XEJ-5 Cd. Juarez, CHIH
 747 mi Es seen 7-4-12
"Noticinco" news logo



XHDI-6 Cuauhtemoc, DGO
 826 mi Es seen 7-4-12
"LPTV relaying XHDI-5 Durango"



K04QP-D Casas Adobes, AZ
1003 mi Es seen 7/9/12
"300 Watts!"



KFIQ-LP-4 Lubbock, TX
476 mi Es seen 7-9-12
"1.19 kW, Daystar"



CBKT7-3 Warmley, SK
1285 mi Es seen 7-24-12



CIII-2 Bancroft, ON
1002 mi Es seen 7-24-12



CICI-5 Sudbury, ON
1183 mi Es seen 7-24-12



CKND2-2 Minnedosa, MB
1276 mi Es seen 7-24-12



XHCAM-2 Campeche, CAMP
890 mi Es seen 7-13-12



XEFE-2 Nuevo Laredo, TAMP
483 mi Tr seen 10-5-12
@0610 CT



XHPNG-6 Piedras Negras, COAH
477 mi Tr seen 10-5-12



KWEX-41 San Antonio, TX
343 mi Tr seen 10-5-12



Canal Habana-2, Havana, CU
947 mi Es seen 12-4-12
"Habana Noticiario logo behind man"



XHCSO-6 Cd. Obregon, SON
1023 mi Es seen 2-7-12

73's, JEFF



Coast to Coast TV DX

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

Send reports by the 15th of each month to:

Nick Langan

1040 Riverview Drive

Florence, NJ 08518

E-mail: nickl@wtfda.org

The Editor's Note

The 2013 E-skip season got off to an active start in several areas, including an opening on the 10th of May to the Pacific Northwest that had a MUF into the 2-meter ham band and was the arguably best opening the region has seen since the 2010 season. Activity has cooled down since, while some locales of lower latitude, including usual Es hotbeds like South Florida and South Texas, are still looking for their first solid opening of this year's campaign as we type this. Generally speaking, any E-skip prior to the Memorial Day weekend can be accepted as a bonus. The month of June is where things "get real". Let's hope it's a great month for DX.

Several reports to get to inside this edition of C2CTV DX, including Robert Grant's quality early May Es receptions in Michigan which included 2-hop from Venezuela and Mexico.

Danny Oglethorpe

P.O. Box 8025

Shreveport, LA 71148-8025

E-mail: oglethorpedxer@gmail.com

TV DX Photographs: <http://www.TVDXExpo.com>

Mexico/Latin America TV DX ID

Tips: <http://www.TVDXTips.com>

Time used is Central Time.

Only the first logging of each station per report period is listed. No DTVs under 400 miles via tropo reported unless LP, new, or unusual. No unIDs are listed unless unique.

Mexico relay text IDs are generally displayed about five seconds. The time listed for log entry is the time text ID was supered.

First, a correction to my last report: XHQ-3 is actually in Culiacan, Sinaloa and XHQ-2 is in Guamuchil, Sinaloa.

April 15, 2013 Tropo

2230 Matamoros/Reynosa analog 7, 9, 11, 12, 14
500+ miles

2320 XHAB-DT-30 Matamoros, TAM

2330 Tentative Tampico 7, 9, 12 Mixed with Valley
TVs

May 2, 2013 Es

1725 CHBX-2 Sault Ste Marie, ON "CTV News for
the North"

1750 CKCO-2 Wiarton, ON CTV mixed with CHBX-
2

1750 CITO-3(t) Timmins, ON CTV

May 3, 2013 Es

1057 XEPM-2 Cd Juarez, CHIH "tucanal" logo

2110 XHY-2 Merida, YUC Sipse nx

2120 XHTAU-2 Tampico, TAM Tamaulipas ads in
Azteca-7 programming

May 4, 2013 Es

2000 XHFM-2 Veracruz, VER "tele ver"

May 9, 2013 Es

1600 XHBQ-3 Zacatecas, ZAC Zacatecas political
ad in Canal Cinco programming

May 10, 2013 Es

1732 XHP-3 Puebla, PUE "TV3" logo

1835 XEWO-2 Guadalajara, JAL "tv Masvision"

1842 XHG-4 Guadalajara, JAL "GDL"

1855 XHTV-4(t) DF "Foro"

1945 CIII-2 Bancroft, ON "Global"

May 12, 2013 Es

2150 XHHSS-4 Hermosillo, SON Text ID upper
right

May 13, 2013 Es

0905 XHQ-3 Culiacan, SIN "Circle-3" logo

0913 XHBS-4 Los Mochis, SIN "Sinaloa T" political
ad

May 14, 2013 Tropo

0530 K45IM-D Monroe, LA "Punch" No PSIP NEW
LOG

May 14, 2013 Es

1255 KSNV-DT-2 Las Vegas, NV

1530 XHBC-3 Mexicali, BCN Tiny "Televisa
Mexicali" upper left

Robert Grant (N8NU)

All DX in this report from Temperance, MI (Southeast corner of the state, grid square EN81fs) (Sole) UHF logging using CM 3020 @33', into Panasonic 50X1

E-skip loggings using YA-6260 in backyard @13', through Lance dual-output AB425 amplifier, to 12" Zenith B/W (analog pix), Yaesu VX-5R (analog audio and offset determination) and Sansonic FT-300A (DTV DX)

4/26 GW (EDT time)

2345 **WMNTCD** 48 OH Toledo EN81 9 (digital flash cut)

5/4 Es

1801 unID A3z (Venezuela "Siren")
1820 two unIDs A3z, Venez., both with // political rally coverage
1824 unID A2z TVes Venezuela
1914 **CJCN** A4 NF Grnd Falls GN29 1453
1939 unID 3 DTV carrier heard
2027 **CIII2** A2 ON Bancroft FN15 **391** (previously by Tr – only 2nd Station by Es & Tr, shortest analog TV Es from here)

5/7 Es

1949 CIII2 A2 ON Bancroft FN15 391

5/10 Es

1809 XHPN A3 COA Piedras N DL98 1314 unID A4z Azteca 13 net mentioned Coahuila elections
1825 unID A4 Gala (9) net (México)
1905 unID 2 DTV carrier from SSW (suspect KSFV-LD)
1929 XEWO A2 JAL Guad'jara DL80 1865 (in for >30 min, snowfree @times)
1945 XHBQ A3 ZAC Zacatecas T (minus offset, 5* net)
1955 unID A4- Mexico, strong

5/11 Es

1141 **WDVZCA** A3 AL Moundville EM63 633 (WVUA repeater – analog TV #400)
1356 KNOP 2 NE N. Platte DN91 891
KSNB 4 NE Superior EN10 727 (new TL at York, NE)

THE worst DX winter, just like the weather, held on, but suddenly broke at the beginning of May, with a great opening quite early (don't let the lack of loggings fool you, the band was chock full of unIDed exotic DX!). Getting far-away CJCN one hour and very close CIII2 the next was a surprise that reminded me of the 7/11/1982 opening (that changed from St. John's to Syracuse). The 1982 catch on Bishop St. was even closer (348 miles). I sure wish somebody would identify exactly which Venezuelan on 3 is the "Siren". It is almost becoming a "pest" a la WEDU.

The XEWO logging this time was much better than last summer, when it only was seen for about a minute. This time, it was even snow-free at times.

Dennis Park Smith

3605 San Remo Dr
Santa Barbara, CA 93105-2523
Telephone [\(805\) 687-7803](tel:8056877803)
24-hour PDT

This report is for April 2013. Ocean water temp started April at 58F, and by end of April was 60F. The last rain we had was March 31 and a sprinkle on Apr 4. The winter rainy season here was only 25% of the average rainfall—very dry. After Apr 21, still stable but inversion layer boundary was up to 5,000 feet—too high for tropo ducting down to my 200-ft elevation. Air temps here have been 60s & 70sF. Inland temps 70s & 80s and by end of Apr to 90sF. So-Calif tropo to San Diego/Tijuana/Tecate up to 220 mi:

Mar27-Apr1	None	Unsettled, some rain
Apr 2 - 3	Poor +	Stable, mild
Apr 4 - 9	None	Sprinkle, windy
Apr 10 - 11	Var. poor-fair	Calm, stable, warming
Apr 12 - 16	None	Windy, unstable, cooling
Apr 17 - 20	Variably poor	Calm, stable, warming
Apr 21	<u>Good</u>	Warmer
Apr 22 - 25	None	Cooler
Apr 26	Very poor	Warmer
Apr 27-28aft	Out of town	To San Diego
Apr 28eve-30	Var. poor	Mild, calm, stable

Variable tropo on analog has shown all Tijuana stations & 49 XHDTV Tecate, and California 35 K35DG La Jolla, 39 KZSD-LP San Diego—especially on the one good day of Apr 21. Tijuana/Tecate analogs were to be off by Apr 15, but the shutoff has been extended to May 28.

Best of DX to All Dennis

William Draeb

1304 Ellis St.
Kewaunee, WI 54216

5-2-13

Not much DX but I have been looking for Es. Nothing so far. I noticed that analogue stations from Sault Ste. Marie, ON are missing. I suspect they have moved to digital.

4/28 Tr

1845 WMLW-48 Milwaukee
Don't know if they are on analogue yet or not.

Bill



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 10th 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 10th of each month.

Jeff Falconer, VA3NN - Clinton ON EN93fo
 Sangean HDT-1X, Sony XDR-F1HD, APS-13 at 22 , 10db preamp
 New=* New calls={XXXX} t=Tentative Time=ELT Distances=Miles

Feb 14 Ms

1853	Unid	88.5	?	??	RDS PI: bogus KPIR / PTY: Public, beamed SSW
1854	KEOM	88.5	Mesquite	TX	Several pings of oldies //stream 1108

Feb 16 Ms

2054	WLTR	91.3	Columbia	SC	Bluegrass , RDS PS: WLTR / PI: WLTR 656
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Feb 17 Ms

0801	WMPN	91.3	Jackson	MS	News, RDS PI: WMPN 923
1037	WMAB	89.9	Mississippi State	MS	TLK, RDS PI: WMAB, previous Es 818

Feb 23 Ms

1133	KTBG	90.9	Warrensburg	MO	Several pings over an hour of alternative and classic rock //stream, previous Es 715
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Feb 23 Tr

1931	WCOL	92.3	Columbus	OH	Weather report, C&W 263
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Feb 24 Ms

1245	WKYQ	93.3	Paducah	KY	RDS PI: WKYQ / PTY: Country 587
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Feb 28 Tr

1547	WVAQ	101.9	Morgantown	WV	Ads 288
1548	{WYLR}	101.9	Hubbard	OH	REL: AC, "K-Love", ex WRBP 182

Mar 01 Ms

0116	WREX	102.5	Columbia	SC	RDS PI: WERX / PTY: Oldies 598
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Mar 03 Ms

1115	KMXC	97.3	Sioux Falls	SD	".on Mix 97.3.", previous Es 778
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Mar 16 Ms

1634	KEOM	88.5	Mesquite	TX	"88.5 KEOM" jingle 1108
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Mar 19 Ms

1833	KEOM	88.5	Mesquite	TX	30 second burst //stream 1108
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Mar 23 Ms

0218	KYKC	100.1	Byng	OK	C&W, RDS PI: KYKC 1013
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Mar 26 Ms

1916	KJLU	88.9	Jefferson City	MO	Jazz, RDS PI: KJLU 661
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Mar 28 Ms

1656	KWFX	100.1	Woodward	OK	C&W, RDS PI: KWFX 1072
1840	KKQY	101.9	Hill City	KS	Ad, RDS PI: KKQY / PTY: Country, previous Es 983
2342	KWFX	100.1	Woodward	OK	RDS PI: KWFX 1072

Mar 30 Tr

1248	WAPL	105.7	Appleton	WI	Ad for store in Two Rivers 325
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Apr 06 Tr

1015	CFLY	98.3	Kingston	ON	Good with soft rock, "Fly FM 98.3" 251
1125	CBOQ	103.3	Ottawa	ON	CLA //CBC Radio 2 stream, on Sony 310

Apr 07 Ms

1055	WCGQ	107.3	Columbus	GA	".your nutrition store in downtown Opelika."
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Apr 09 Tr

1545	WJYW	88.9	Union City	IN	REL: AC, "Joy FM"
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Apr 12 Ms

0801	WBOJ	88.5	Lumpkin	GA	RDS PI: WBOJ / PTY: Public 823
1004	WRQO	102.1	Monticello	MS	Long burst with couple of news items from MS, mono, on Sony 954
2352	WFLZ	93.3	Tampa	FL	RDS PI: bogus KBEH 1088

Apr 12 Tr

1246	CKHA*	100.9	Haliburton	ON	Ads, "Canoe 100.9". Local CBLA3 off due to ice storm. Also in WBNO/WICV/WLUN/WMJK/WRKT 183
1300	{WICV}	100.9	East Jordan	MI	CLA music, legal ID, "Interlochen Public Radio", ex WIZY 207

Apr 14 Ms

0024	WLVMt	98.3	Chicasaw	AL	Likely this "on K-Love" 971
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Apr 14 Tr

1325	WZOR	94.7	Mishicot	WI	Heavy metal, "Razor 94-7" 315
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Apr 15 Ms

1237 KQZQ 98.3 Kiowa KS "98.3 Coyote" 992

Apr 19 Ms

2118 WBOJ 88.5 Lumpkin GA RDS PI: WBOJ / PTY: Public 823

Apr 20 Tr

1043 WDSJ 106.5 Greenville OH "Clear Channel Dayton, WDSJ" 287
2029 WMDH 102.5 New Castle IN C&W, ads 317

Apr 21 Ms

0801 WBOJ 88.5 Lumpkin GA RDS PS: WBOJ The Truth / PI: WBOJ / PTY: Public 823

Apr 21 Tr

0040 WHIO 95.7 Piqua OH TLK / RDS PS: WHIO-FM 274

May 02 Es -MUF 92.1

1634 KJTH 89.7 Ponca City OK REL: AC, RDS PS: artist/song / PI: KJTH 975
1636 KMUW 89.1 Wichita KS TLK, RDS PI: bogus KMUW 929
1640 KLCU* 90.3 Ardmore OK HD 1060
1647 KTHF* 89.9 Hammon OK REL: AC //KJTH-89.7, "The House FM" 1096

May 02 Tr

1719 WYMS 88.9 Milwaukee WI Concert info for Milwaukee 322
1856 WONU 89.7 Kankakee IL Underwriters list given 365

May 04 Es

1040 WQCS 88.9 Fort Pierce FL HD 3 CH 1118

May 04 Ms

1404 KEOM 88.5 Mesquite TX Several pings of oldies //stream 1108

May 05 Ms

1140 Unid 89.1 ? ?? RDS PI: bogus WRZ / PTY: Public, beamed

May 05 Es -MUF 100.1

1230 KEOM 88.5 Mesquite TX Weather report, jingle 1108
1241 WMAU 88.9 Bude MS TLK, RDS PS: Think Radio / PI: WMPN 983
1244 WMAW 88.1 Meridian MS TLK //WMAU-88.9 892
1246 WMAB 89.9 Mississippi State MS TLK, RDS PS: MPB 89.9 / PI: WMAB 818
1304 KJTH 89.7 Ponca City OK REL: AC, RDS PS: artist/song / PI: KJTH 975
1346 KUAR 89.1 Little Rock AR HD 2 CH 844
1352 KYBI 100.1 Lufkin TX C&W, RDS PI: bogus WVQ 1110
1353 WMAW 88.1 Meridian MS In again with HD, on Sony 892
1406 WUWF 88.1 Pensacola FL HD on Sony 959
1407 WLBF 89.1 Montgomery AL REL: AC, RDS PS: Faith Radio / PI: bogus KALE 813

Keith McGinnis

Hingham MA

Perseus SDR with FM+ Downconverter and Studio 1 software

Innov 11 element Antenna (main) and MD-10 antenna (phase)

Bolin phase box

All Times EDT

2009	WYCT	98.7	Pensacola	FL	Cat Country
2010	WBAM	98.9	Montgomery	AL	It's legends Sat Night w/ RDS PI code 5758
2011	UNID	98.3			Gospel
2027	KHLS	96.3	Blytheville	AR	Thunder Country 96-3 Sudbury Broadcasting - "In touch with the Delta and Beyond"
2027	WCDZ	95.1	Dresden	TN	Star 95.1 w / RDS PI code 5A57
2027	KHKN	94.9	Maumelle	AR	with bad CC PI Code 138D
2030	KSSN	95.7	Little Rock	AR	Arkansas' Radio Station Kissin 96
2031	KWWR	95.7	Mexico	MO	RDS PI Code 4C65
2032	KTKS	95.1	Versailles	MO	RDS PI Code 4342 KS-95
2033	WAZY	96.5	Lafayette	IN	Z96-5 w / RDS PI Code 574A NEW
2047	WZNS	96.5	Ft Walton Bch	FL	lots of local ads Z-96
2049	WPCH	96.5	Gray	GA	New Country 96-5 NEW
2050	UNID	95.7			Cont Xtan sounded like K-Love
2123	UNID	96.5			baseball with mentions of Huntsville
2124	KHTE	96.5	Little Rock	AR	Talk w/ RDS PI Code 246E The Voice
2125	WBFG	96.5	Jackson	TN	w/ RDS PI Code 57D4 NEW
2152	WIUM	91.3	Macomb	IL	w/ RDS PI Code 68DC NEW
2218	KSPQ	93.9	White Plains	MO	Ozark Radio Network
2220	KAMS	95.1	Mamth Spr	AR	Mentions of White Plains K-Country 95

Mike Bugaj – 69 Sherman Road – Enfield, CT 06082 ---Yamaha T-85 with APS-13
3/10 Tr

1920 WPTE	94.9	Norfolk, VA, the Point
1928 WYFI	99.7	Norfolk, VA, religious talk
1930 WERX	102.5	Columbia, NC 102.5 the Shark
1955 WCMS	100.5	Hatteras, NC, ID, country
2000 WVSP	94.1	Yorktown, VA Va Surgical Hair Center adv.
2000 WERO	93.3	Greenville, NC Bob 93.3
2020 WRSF	105.7	Columbia, NC Dixie 105.7

3/11 GW

1800 WKKB	100.3	Middletown, RI, Spanish AC...new calls
2000 CBHY	92.1	Yarmouth, NS CBC Radio One Liverpool mentioned

4/25 GW

WJNF91.7	Dalton, MA Rel. NEW
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4/26 TrS

CKOF 104.7	Gatineau, QC, French talk NEW, troposcatter
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5/4 Es

1229 KKOR	92.1	Wauseca, MN Korn Country 92.1
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5/6 Tr

930 CHSJ	94.1	St. Johns, NB Country 94
932 CBZ	101.5	Fredricton, NB Classical music

5/10 Es

1818 KKIA	92.9	Ida Grove, IA country, the Moose
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But What If FCC's Incentive Auction Flops?

By [Doug Halonen](#)

TVNewsCheck, May 14, 2013 10:22 PM EDT

If the FCC's plan to hold an incentive auction to repurpose broadcast spectrum for smartphones and other wireless devices blows up in the agency's face in the next couple of years, some industry analysts say broadcasters could get another shot to cash out — through a market-based system that might give the broadcasters a bigger payday.

Among market-based alternatives to the incentive auction that are being talked about quietly in Washington policymaking circles, broadcasters would simply be freed to sell or lease parts or all of their TV channels to wireless companies — a concept that even Tom Wheeler, who President Obama has tapped to be the next FCC chairman, once endorsed.

Another approach, also potentially lucrative for broadcasters, would be a so-called overlay auction, in which wireless carriers buy TV spectrum at government auction. The winners get the rights to use the spectrum, but only if they can first persuade broadcasters using that spectrum to vacate it for money.

Not all the incentive auction alternatives are so accommodating to broadcasters.

The experts warn that the federal government could try to meet wireless demand for TV spectrum by slashing interference protection for broadcasters, forcing them to share TV channels — or even allowing existing broadcast licenses to expire and then reallocating the spectrum for wireless auctions, without cutting broadcasters in for any share of the auction proceeds.

"It could go one of two ways," says Gary Shapiro, president-CEO of the Consumer Electronics Association, whose members include major corporations that want broadcast spectrum repurposed for wireless, including AT&T, Google and Verizon.

"It could be that there's a marketplace solution, and they [broadcasters] are viewed as owning those licenses and they can do what they want with them," Shapiro says. "Or it could go to the solution where we recognize that there are so few people relying on an over-the-air signal that the licenses just expire and they're not renewed."

Broadcasters thinking they have a shot at a bigger payoff if the incentive auction fails could be disappointed, Shapiro adds. "If that's their strategy, it's a tremendously dangerous game."

Under the congressionally-authorized incentive auction that the FCC hopes to conduct as soon as next year, the agency is trying to persuade enough broadcasters to give up their channels in a "reverse auction" so the FCC can sell the spectrum to wireless carriers in a "forward auction."

Broadcasters who participate in the auction will get paid for turning in their TV channels — but only if the FCC needs their channels and accepts their bids. The FCC also will reimburse the costs of broadcasters that are forced to move to new channels to clear the spectrum for the wireless auction. The FCC is seeking to clear 120 MHz of spectrum — or 20 TV channels — for wireless in the upper UHF band.

But some industry executives are already speculating about what the agency's backup plan might be, because the incentive auction requires the cooperation of at least some broadcasters in the nation's largest markets, and it's unclear whether enough will agree to slake the wireless industry's thirst for TV spectrum.

Even the one group of about 40 anonymous broadcasters said to be interested in participating in the incentive auction has been emitting distress signals recently in response to rumors that the some at the FCC want to limit the broadcasters' potential bonanzas.

"Since this is a voluntary auction, the only way it's going to work is if the FCC promises very substantial rewards to participating stations," says Preston Padden, the former Walt Disney Co. lobbyist who heads the broadcaster group, Expanding Opportunities for Broadcasters Coalition.

Existing law authorizes the FCC to hold only one incentive auction. So, if that first effort flops, the agency could go back to Congress and seek legislation clearing the way for a do-over. But some

analysts say a do-over is unlikely because there would be little reason to expect a second incentive auction to work any better than the first.

The FCC's 2010 National Broadband Plan — the same document that recommended the incentive auction — suggested freeing up TV spectrum for wireless by aggressively repacking TV stations after slashing their interference protection and/or forcing stations to share TV channels — without giving the broadcasters any share of the subsequent auctions of the spectrum.

But broadcasters and industry analysts say any FCC Plan B is more likely to use a carrot than a stick to persuade broadcasters to give up their channels — because broadcasters would fight efforts that don't provide them with significant financial incentives at the FCC, in Congress and in the courts, tying up any reallocation for years.

"I find it hard to believe that if the broadcasters are able to tank this auction that any further solution is going to be successful by steamrolling over them," says Coleman Bazelon, a principal in the consulting firm Brattle Group and a former spectrum-auction analyst for the Congressional Budget Office. "I think the lesson will be that you are going to need their cooperation in any reform you want to do."

Rick Kaplan, the NAB's point man on the incentive auction, tells *TVNewsCheck* that the proposals that would simply take broadcaster spectrum away are "purely hostile" to broadcasting and non-starters. "Nobody has taken any of those recommendations seriously," he says.

One of the selling points for an overlay auction, which was also floated in the National Broadband Plan, is that it would not force any broadcaster to sell or move to a new channel, says Thomas Hazlett, a former FCC chief economist.

"The program I am talking about would be entirely voluntary," says Hazlett, who is now a professor of law and economics at George Mason University. "The broadcasters would have no mandate to move. There's nothing forcing them off except economics. It's their own decision."

Hazlett also says that TV stations "almost certainly" would reap a larger payout from an overlay scheme than they could get from the incentive auction. "There would also be much more cleared spectrum for mobile operators," Hazlett adds.

"One would hope it [the overlay auction] would be on the short list for Plan B," says Blair Levin, the former FCC executive who spearheaded the national broadband plan for the Obama administration.

NAB's Kaplan, however, said an overlay auction is too complicated and would require the coordination of too many players. "There's so many problems with that approach," Kaplan says.

Harold Furchtgott-Roth, a former GOP FCC commissioner, is a proponent of simply clearing the way for wireless operators to buy broadcasters out directly — something he says he believes the FCC could authorize immediately without additional legislation.

Furchtgott-Roth, now senior fellow at the Hudson Institute think tank in Washington, said he is "fine-tuning" a market-based spectrum-clearing plan, under which "most broadcasters" would stand to reap a larger financial reward from a direct market-based approach than they would from an incentive auction.

"You can do everything consistent with the new law, and essentially de-zone spectrum and let broadcasters sell it today and let wireless buy it, and then every year or two you would do some repacking to get [additional] broadcast spectrum to the wireless industry," Furchtgott-Roth says. "This is entirely consistent with the current statute."

Furchtgott-Roth said he is no fan of the incentive auction. "This is a really goofy way of getting an asset from one private party to another, and candidly, the only reason that we're going through this is so the government can collect some money," he says. "The big loser is the American consumer."

However, he says, it is possible that the FCC could figure out a way to turn the incentive auction into a success. "They've got a lot of bright people working on this, and maybe they'll make it work."

Wheeler, who could not be reached for comment for this article, has indicated his support for the direct sales or leasing of broadcast spectrum in a 2009 entry in his *Mobile Musings* blog, and he will have a major say over any Plan B, if needed, assuming his Senate confirmation.

Wheeler, who is currently a managing director for Core Capital Partners, a venture capital firm, wrote that clearing the way for broadcasters to sell or lease their excess spectrum directly to

wireless companies—perhaps even allowing the broadcasters to hold their own auctions — could help meet the wireless industry’s demand for additional spectrum.

The pooling of the broadcast spectrum could create a nationwide footprint. “Delivering national coverage of major population centers would mean the whole is greater than the sum of the parts,” Wheeler continued. “The valuation multiple of such a footprint would justify the major effort this would require.”

“One would hope ... that the FCC and Congress would look kindly on such innovation since the result would be a two-fer that ... helps solve the spectrum crunch while maintaining the viability of local television,” Wheeler wrote.

“The beauty of digital television is that in most markets the major broadcast outlets can be squeezed into one or two license allocations,” Wheeler continued. “This would assure continued access for the 10% of homes without cable or satellite connections while making the newly vacated spectrum available for sale.”

At the FCC, agency officials declined comment on potential Plan B scenarios.

“I’m not contemplating that hypothetical, because failure [of the incentive auction] is not an option,” FCC Commissioner Ajit Pai said in an interview.

“We are focusing on the 2014 incentive auction and are determined to make it a success,” added Gary Epstein, chairman of the FCC’s incentive auction task force, in a statement.

NAB’s Kaplan says that if the incentive auction fizzles, any governmental follow-up is likely to focus more on reallocating spectrum to wireless from the federal government than from broadcasters.

“What you are more likely to see in the future is us working together cooperatively [with wireless] as opposed to broadcasters getting out of the business and transferring their spectrum over to wireless companies ... so our spectrum is complementary,” Kaplan says.

NAB’s Kaplan adds that the broadcasting association is “supportive” of the incentive auction, as long as auction participation is truly voluntary and the FCC’s auction rules protect broadcasters who choose not to participate.

“There is certainly a great chance that this auction can be a success,” according to Kaplan. “If for whatever reason the FCC chooses a path where it doesn’t end up being successful ... we’ll go to Plan B.”

TV NEWS CONTINUES FROM PAGE 5.



Vermont
Manchester 2 WVBK-CA DC 1.56kw, 42-58-28/
72-36-10



Virginia
Bristol 29 WCYB – PR>15kw (DRT for ch.
0404AAZ 5); PG



Washington
Pasco 17 KELZ-LD CC from K17LZ
Spokane 32 KDYS-LP DC 12.3kw



Wyoming
Saratoga 9 K090C CX

Thanks to Robert Seaman for items elsewhere in this column.

The two new analog-to-DTV conversions in Ontario (CKWS 11 & CHEX 12) are already on the air in digital.



Univision, Telemundo Tout Gains

by [Wayne Friedman](#), May 15, 2013

With the broadcast network season close to ending, many mid- and smaller-sized networks -- on traditional over-the-air TV stations and/or local TV digital sub-channels -- will tout some gains.

Univision keeps climbing, now posting a Nielsen 3.3 million overall viewers and 1.64 million 18-49 prime-time viewers in live programming plus seven days of time-shifted viewers -- all good for fifth place among the broadcasters.

NBCUniversal's Telemundo, another Spanish-language network, sits next at 1.55 overall viewers and 880,000 18-49 viewers. The CW, the mini-English-language network, is next at 1.3 million in overall viewers and 620,000 18-49 viewers.

ION network comes in a bit behind CW -- 1.1 million viewers and 400,000 18-49 viewers. Univision-owned UniMas comes in behind ION -- 660,000 overall viewers, and 360,000 18-49 viewers.

Me-TV (Memorable Entertainment Television), which airs classic TV shows, lands next with 340,000 viewers and 70,000 18-49 viewers. Estrella TV is at 220,000 viewers and 60,000 18-49 viewers.

The African-American-targeted network Bounce TV, which launched in 2011, is at 150,000 viewers and 60,000 18-49 viewers. Azteca America, another Spanish-language network, is at 120,000 viewers and 60,000 viewers among the 18-49 demographic. MundoFox, which News Corp. started up last August, sits last at 70,000 overall viewers and 40,000 18-49 viewers.

CBS continues to lead all TV broadcast networks with 11.9 million total viewers and 3.4 million 18-49 viewers. Among the key 18-49 viewers, Fox is next at 3.2 million 18-49 viewers, followed by NBC at 2.99 million and ABC at 2.8 million. Among total viewers, CBS leads, followed by ABC at 7.8 million; Fox at 7.1 million, and NBC at 7.0 million.

MORE MAILBOX!

This is in response to an article on page 3 of the new May VUD. It starts out: "An email from Cal Glover asked me a question I can't answer. Maybe you can. Cal wrote "Did a rescan with my Magnavox DTV converter this (Saturday), and it added some very odd DTV sub-channels: 3.11; 10.11; 13.11; and 15.11."

I've seen a lot of weird sub-channel combinations as I've traveled around with my laptop and USB tuner, but I've never seen anything like this where all of the different stations have a .11 sub-channel. As suspected, I think they might be local translators for channels that are further away, but who would provide translators for several different channels like that is an interesting question. I wonder if Cal has noticed any unique station IDs on these .11 sub-channels. What does the tvfool.com site show for these channels?

Here in the San Francisco Bay Area we have stations with sub-channels like .1, .2, .10 and .15, another with .1, .2 and .5 and a third with 1, .2, .4 and .6. Why do they skip numbers, I don't know.

We also have a low power station, KAXT, that uses a virtual channel of 1 and has 12 video and 8 audio sub-channels... video 1.1 through 1.12 and audio 1.13 through 1.20. Their analog transmitter was on channel 22, but when they went digital and tried using 22 for their virtual channel they found that people in between it and another station using channel 22 80 miles away had problems with their tuners trying to differentiate between the two stations. They got FCC permission to use virtual channel 1. They're probably the only channel 1 in the U.S. Their transmitter is on channel 42, transmitting from the hills near Fremont, CA, in case anyone is looking for the station.

Larry Kenney
San Francisco

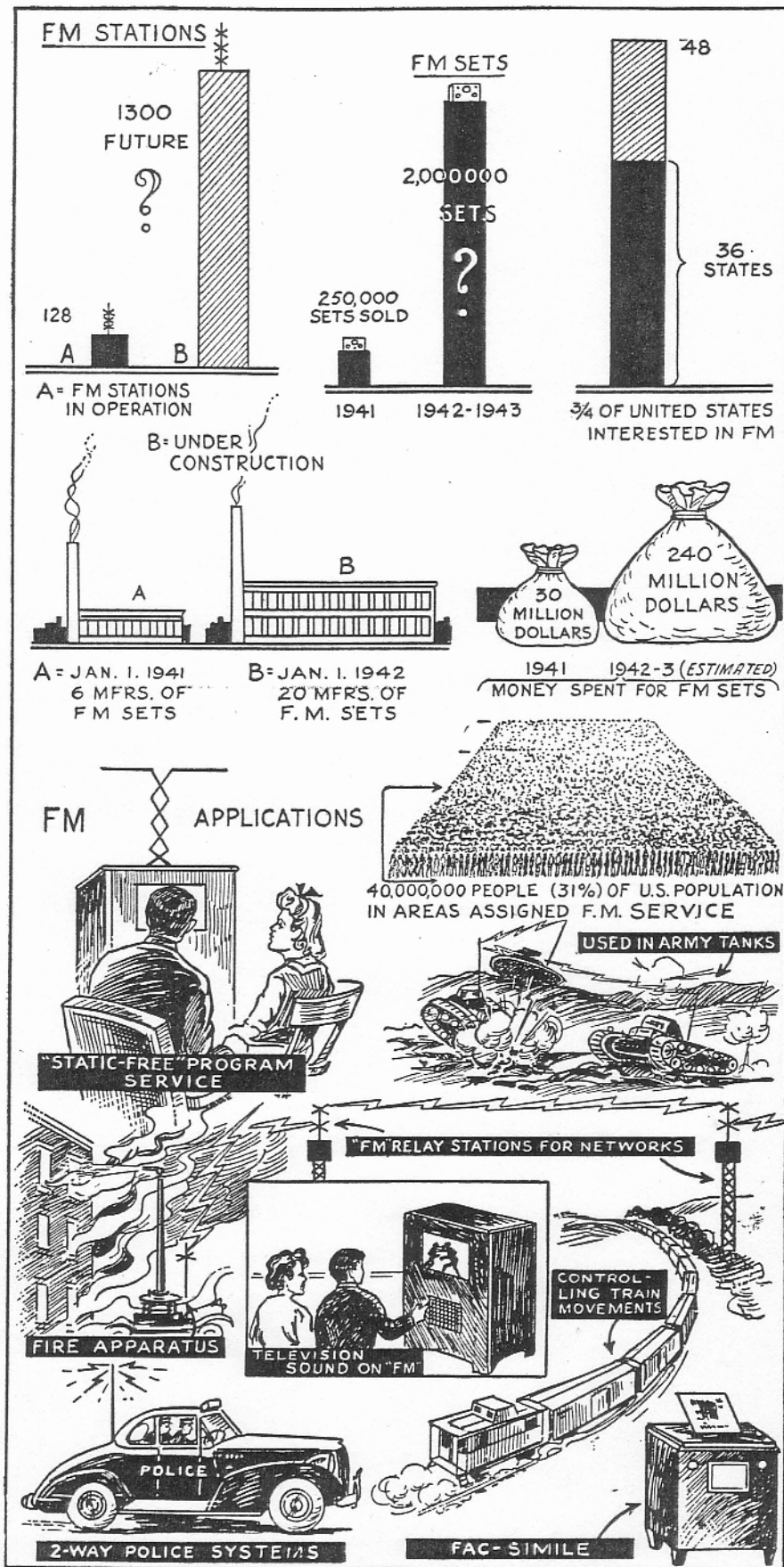
LIST OF DTV PILOT FREQUENCIES

US Television Channels (Mhz)

Channel	Band Limits	DTV Pilot	Analog Video	Analog Audio	*US
2	54-60	54.31	55.25	59.75	
3	60-66	60.31	61.25	65.75	
4	66-72	66.31	67.25	71.75	
5	76-82	76.31	77.25	81.75	
6	82-88	82.31	83.25	87.75	
7	174-180	174.31	175.25	179.75	
8	180-186	180.31	181.25	185.75	
9	186-192	186.31	187.25	191.75	
10	192-198	192.31	193.25	197.75	
11	198-204	198.31	199.25	203.75	
12	204-210	204.31	205.25	209.75	
13	210-216	210.31	211.25	215.75	
14	470-476	470.31	471.25	475.75	
16	482-488	482.31	483.25	487.75	
17	488-494	488.31	489.25	493.75	
18	494-500	494.31	495.25	499.75	
19	500-506	500.31	501.25	505.75	
20	506-512	506.31	507.25	511.75	
21	512-518	512.31	513.25	517.75	
22	518-524	518.31	519.25	523.75	
23	524-530	524.31	525.25	529.75	
24	530-536	530.31	531.25	535.75	
25	536-542	536.31	537.25	541.75	
26	542-548	542.31	543.25	547.75	
27	548-554	548.31	549.25	553.75	
28	554-560	554.31	555.25	559.75	
29	560-566	560.31	561.25	565.75	
30	566-572	566.31	567.25	571.75	
31	572-578	572.31	573.25	577.75	
32	578-584	578.31	579.25	583.75	
33	584-590	584.31	585.25	589.75	
34	590-596	590.31	591.25	595.75	
35	596-602	596.31	597.25	601.75	
36	602-608	602.31	603.25	607.75	
37	608-614	608.31	609.25	613.75	
38	614-620	614.31	615.25	619.75	
39	620-626	620.31	621.25	625.75	
40	626-632	626.31	627.25	631.75	
41	632-638	632.31	633.25	637.75	
42	638-644	638.31	639.25	643.75	
43	644-650	644.31	645.25	649.75	
44	650-656	650.31	651.25	655.75	
45	656-662	656.31	657.25	661.75	
46	662-668	662.31	663.25	667.75	
47	668-674	668.31	669.25	673.75	
48	674-680	674.31	675.25	679.75	
49	680-686	680.31	681.25	685.75	
50	686-692	686.31	687.25	691.75	
51	692-698	692.31	693.25	697.75	

To hear the pilot tones on your scanner, tune down 1kh and switch your scanner/receiver to USB mode. For example, to hear the tone from ch6, tune your radio to 82.309mhz and switch to USB mode. More precise measurement can be obtained by feeding this audio tone into the line-in jack of a computer and observing the frequency on a program such as Spectrum Lab.





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