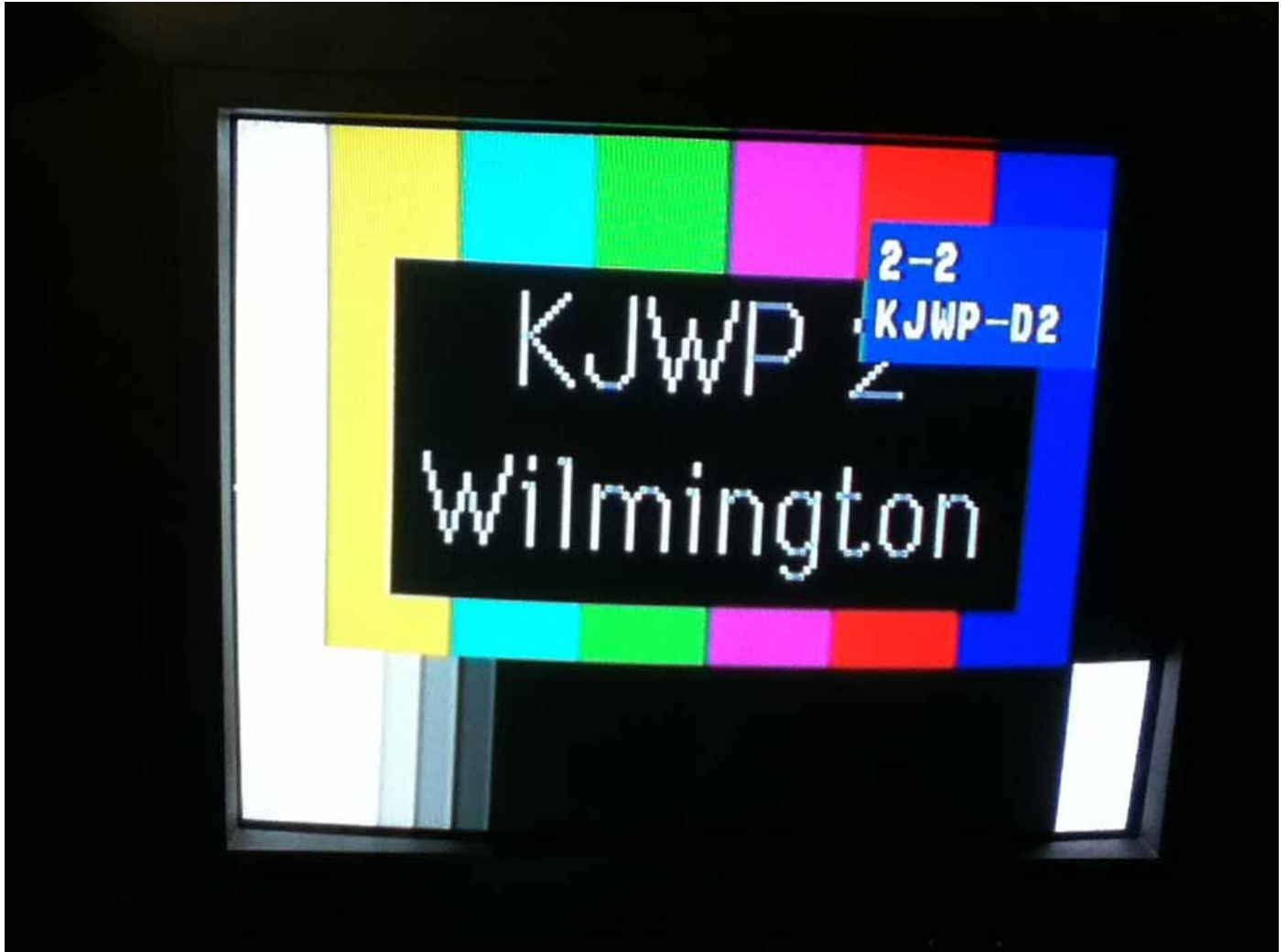


VHF-UHF DIGEST

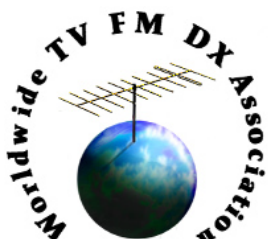
The Official Publication of the Worldwide TV-FM DX Association

APRIL 2014

The Magazine for TV and FM DXers



ON THE AIR AND READY FOR DXING



Visit Us At www.wtfda.org

Winter Finally Releases its
Grip on Most of North America

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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MARCH 2014



THE LAST MONTH OF WINTER? There may be light at the end of the tunnel for many of us. Winter continued without a letup for the first three weeks of March but the blizzard on Cape Cod and parts of Maine on the 18th seems to have changed the weather pattern to something a little warmer but with a bit more rain. The weather is still not good enough for tropo to develop in most places, but with warmer weather, scatter will be returning with distances of up to 300 miles or more. And perhaps some skip might develop in the southern states. It has been a long dry spell.

MEMBERS AND MORE. During the period from February 24th through March 10th we received renewals from Paul Crego (NY), Dan Dankert (CA), Glen Hale (IN), Roger Winsor (IN), Adam Ebel (VA), Lee Baca (CA) and Jeff Wolf (MD). I also have five renewals received since the 10th and we will get to those next time. Thanks everyone for supporting the WTFDA. Our current membership as of the 29th is 213.

Email from **Cal Glover** "I take it that the pet TV that you reviewed in this month's (March) Digest did not operate on the elusive M/H Mobile DTV standard. I've not seen a lot of products out there with the Mobile DTV M/H logo. The system is supposed to work well but there seems not to be many stations sending out the M/H system."

Adam Ebel came across something called the PT681, which allows you to watch ATSC TV on your Android Phone/Pad. The description of this dongle says "Pad TV PT681 lets you watch Free-to Air ATSC TV anywhere you go using your Android Phone and Pad device. Enjoy Free to View ATSC channels without using your airtime, 3G/LTE or any internet connection! PadTV PT681 is a portable tuner that receives live, high-quality broadcast TV and transmits signal via WiFi to your Android Phone or Pad."

Also there was some buzz on the email list about the NAXA NT-52 DTV Converter box that has manual channel tuning. The box has been on sale for prices as low as \$39.00 on Amazon.com.

Gary Hickerson received an email from Starke Electronics in Worcester, MA that states that the CM #3671 is now discontinued and the only other large U/V antenna they have is the Winegard 8200.

That's it for this month. Please read the info below. See you next month. -Mike

PUBLICATION OF THE PAPER VUD WILL CEASE WITH THE JUNE 2014 ISSUE

The VUD will be published as an E-ZINE only from July 2014 onward.

Renewals received for the paper VUD will no longer be accepted.

We are sorry for any inconvenience this change will cause.

We will work to convert willing members to the electronic VUD and work to address the individual concerns of others, if possible.

#####

For refunds of partially used memberships, please send your request to us in writing or by email **before** June 1st, 2014 so we may finish processing them before June 15th at the latest.

Requests received after June first may not be honored.



TV News

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April 2014

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



New Brunswick

Miramichi 40 CIHF-DT-13 DG 4.4kw/ 120m
 St. Stephen 21 CIHF-DT-12 DG 2.2kw/ 218m
 Woodstock 38 CIHF-DT-11 DG 4.47kw/ 173m



Nova Scotia

Antigonish 21 CIHF-DT-15 DG 7kw/ 221m
 Mulgrave 28 CIHF-DT-16 DG 181w/ 126m



Ontario

Thunder Bay 2 CKPR-DT FC; to disaffiliate from CBC & go independent



Puerto Rico

Guaynabo 3 WVTE-LD NW 2.7kw, 18-16-49/

66-06-35 (Juan Carlos Matos Barreto)



U.S. Virgin Is.

Charlotte Amalie 22 WMNS-LP DR 3.75kw, 18-21-12/ 64-58-34; DG
 Sion Farm, St. Croix 24 W24DO NW 10w, 17-44-51/ 64-50-11 (TV Red de Puerto Rico)



Puerto Rico

Vieques 34 W34DY NW 10w, 18-07-50/ 65-26-28 (TV Red de PR)



USA



Alabama

Auburn 38 WHBD-LD CC from W38FE
 Dothan 18 WAWA-LD CC from W18DY
 Tuscaloosa 29 W29DT NW 3kw, 33-13-08/ 88-



Alaska

Anchorage 7, KZVS-, CC for NS
 34, KZVZ-,
 40, KZVX-,
 49, KZVY-,
 51 KZVT-LD



Arizona

Flagstaff 19 K19IP PR<1kw, 35-14-30/
 111-36-36
 Lake Havasu City 15 K15CR DG
 Prescott 32 K50LV QR from 50, 1.2kw, 34-
 29-25/ 112-31-57
 Scottsdale 23 K23BY CX



California

Agoura Hills 3 KVTU-LP DR 3kw, 34-25-14/
 119-07-41
 Indio 41 KVER-LD NS 15kw, 33-51-56/
 116-25-58; DCC for
 analog 4; DCC on ch.
 11 CX
 Los Angeles 8 KFLA-LD PG to increase antenna
 height 111m
 Los Angeles 10 KIIO-LD XG 34-09-51/ 118-11-
 46
 Ridgecrest 42 K42LJ PR<100w, 35-37-20/
 117-39-42
 Sacramento 36 KXTV - AF 15kw, 38-33-55/
 ?????? 121-30-28; DRT for ch.
 10
 San Juan 4 K14OD NW 300w, 36-45-23/
 Bautista 121-30-09 (Joseph
 Fiori)
 Santa Rosa 2 KFTY-LD PC>3kw, 38-40-09/
 122-37-53
 Yucca Valley 27 K27DS DG 780w



Colorado

Collbran 2, 4, K02OP, DG CX; seeks DCC on
 6 K04OM, channels 22/ 24/ 26 (12
 K06KJ watts) instead



**District of
 Columbia**

Washington 14 WWTD-LP DR 13.5kw
 Washington 32 WRZB-LD PR<4kw, 38-56-24/ 77-
 04-54; PG



Florida

Key West 42 WKWT-LP PR>24kw
 Miami 44 WLPH-CD CC from WHDT-CD
 Naples 26 WHDN-CA CC from WYDT-CA
 Orlando 36 WZXZ-CA DR 1kw, 28-34-08/ 81-
 13-54
 Tallahassee 38 WUFX-LD CC from W38FL



Georgia

Athens 12 W12DO PR<500w, 33-57-11/
 83-24-31
 Athens 29 W29DN XR 34-12-01/ 70-25-04
 La Grange 21, W21CZ, NW 1kw/ 4kw/ 100w/
 26, W26DS, 3kw, 32-50-57/ 85-13-
 32, W32DU, 57
 42 W42DU
 Valdosta 30 WVCZ-LD NW 3kw, 30-48-14/ 83-
 21-20 (King Forward)



Hawaii

Kaunakakai 2 KITM-LD NW 250w, 20-52-49/
 156-41-01; CC from
 K02RD



Idaho

Boise 25 KFLL-LD NW 3kw, 43-37-17/
 116-12-59 (DTV
 America)
 Holbrook 28, K28NK, XG 42-07-03/ 122-39-
 30 K30NV 24
 Twin Falls 14 KSVT-LD CC from KTWT-LD



Illinois

Chicago 6 WGWG-LP CC from WKQX-LP
 Chicago 26 WBBM – NW 15kw, 41-56-18/
 0818AAP 87-45-05
 Springfield 14, WBDI-LD NW 3kw, 39-46-51/ 89-
 16, W16CQ, 36-19 (DTV America 1)
 41 W41DP
 Springfield 45 W45DK NW 3kw, 39-42-11/ 89-
 46-48 (DTV America 1)



Indiana

Wolcott 30, W30DI, NW 4kw, 40-45-56/ 87-
 33, W33DE, 03-06 (King Forward)
 39 W39DM



Kansas

Topeka 25 KCKS-LD PR<4.5kw, 38-58-34/
95-48-34; PG
Topeka 26 WROB-LD XR 38-58-34/ 95-48-33;
XG; CC from K26LX



Louisiana

Baton Rouge 41 KBTR-CA DR 15kw



Maryland

Havre de Grace 49 WWDD-LD PG<4.5kw, 39-30-54/
76-14-26



Massachusetts

Boston 38 WHDT-LD CC from WHDN-LD



Michigan

Cadillac 23 W23EB PG<14.43kw; NW
(West Central Michigan
Media Ministries)



Minnesota

Rochester 15 K15JM NW 3kw, 43-58-15/ 92-
24-56 (Casey C.
Peterson)
Rochester 49 K49MQ NW 1kw, 44-02-28/ 92-
20-26 (Casey C.
Peterson)
Saint Cloud 38 K38OH NW 4kw, 45-37-59/ 94-
35-16 (Casey C.
Peterson)
Walker 21 K21HX PC>3.3kw



Montana

Forsyth 4, 7, K04FF, "undeleted", renewal
9, K07LO, applications reinstated
11 K09BW,
K11CB
Havre 9 K09ZB NW 121w, 48-29-41/
109-42-42 (KRTV)
Superior 3, K03DT, DG 5w
11 K11FF



Nebraska

North Platte 25 KNPL-LD PC>10kw, 41-05-06/
100-45-28



Nevada

Reno 3 KCNL-LD PG>3kw
Reno 4 KRMF-LD NW 3kw, 39-35-02/
119-47-55 (DTV
Innovators)



New Mexico

Caballo 49 K49CZ DG 1kw; DC
Las Cruces 38 K41KY QC from 41
Taos 18 KCEI-LD NW 43w, 36-23-14/
105-34-43 (Cultural
Energy)



New York

Massena 18 WWNY-CD CC from WNYF-CD
Newburgh 32 WNYW – NS 1kw, 41-29-20/ 73-
0114ACL 56-53; DRT for NYC
ch. 44
Roslyn 26 W26DC DG 15kw, 40-47-59/
73-40-06; CL from
Hempstead
Syracuse 7 W07BA CX



North Carolina

Wilmington 38 W38ER PG<2kw, 34-07-53/ 78-
11-17



Ohio

Toledo 49 WNWO-TV PR 105kw/ 424m



Oklahoma

Ardmore 19, K19II, NW 500w, 34-14-30/
22, K22JQ, 97-08-32 (EICB-TV
24 K24IW East)
Enid 17, K17JN, NW 500w, 36-32-09/
19 K19IR 98-03-34 (EICB-TV
East); PR>15kw, 36-
24-28/ 97-59-54
Enid 42 K42LL NW 5kw, 36-32-13/ 98-
00-39 (DTV America)



Oregon

Rainier 21 K21HG CX
Tillamook 40 K40EG CX



Pennsylvania

Allentown 38 WTXF – NS 15kw, 40-33-57/
0205AEB 75-26-10; DRT for
Philadelphia ch. 42



South Dakota

Rapid City 17, K17JL, NW 3kw, 44-04-13/
20, K20KI, 103-15-03
22 K22JU
Rapid City 18, K18IW, NW 3kw, 43-45-08/
31, K31KU, 96-53-06 (Casey C.
32 K32JG Peterson)
Rapid City 23 K23KK NW 3kw, 44-05-33/
103-14-55 (Casey C.
Peterson)



Tennessee

Jackson 27 WADR-LD XG 35-36-56/ 88-36-07
Nashville 42 WLLC-LP DR 14.9kw, 36-09-49/
86-46-45



Texas

Abilene 10 K10QL NW 70w, 32-26-38/ 99-
44-04 (EICB-TV East)
Amarillo 22 KLKW-LD XG 35-10-21/ 101-57-
13
Corpus Christi 20 K20JT PG>6kw
Dallas 6 KZFW-LP XG 32-35-02/ 96-57-49
Dallas 26 KHFD-LD QG from 51, 4.45kw
Harlingen 38 KMBH FC: sold to
commercial
broadcaster
La Feria 23 KCWT-CA DC 15kw
Lingleville 31 K43MX QR from 43, 32-20-33/
97-44-56
Lubbock 13 K13ZQ NW 3kw, 33-31-33/
101-52-07 (C. Downen
Johnson)
Lufkin 15 K15ID NW 3kw, 31-22-09/ 94-
38-47 (MIK)
Mineral Wells 21 K21KJ XR 32-44-21/ 97-47-59;
XG
Mineral Wells 26 K26KC PR>3.75kw, 32-44-21/
97-47-59; XG
Odessa 6 K06QA XR 31-50-53/ 102-27-
05; XG
San Antonio 29 KSAA-LD DG from 28, 15kw
Tyler 27, KDKJ, NW 3kw, 32-21-52/ 95-
29, K29JE, 16-20 (MIK)
30, K30KP,
33 K33KN
Tyler 46 K46KW PR<500w

Victoria 36 K36ND PR<700w, 28-46-20/
96-57-17; PG



Virginia

Winchester 10 WAZT-CA PG<1kw, 38-58-31/ 78-
12-06
Winchester 48 WAZW-CA PG<4kw, 39-09-28/ 78-
06-27



Washington

Pasco 18 KEPR-TV PC>83kw/ 367m
Pasco 20 K20KG NW 1kw, 46-14-04/
119-19-17 (Iglesia
Pentecostal Visperia
del Fin)

The WBBM-TV transmitter on channel 26 is a digital replacement translator, filling in holes in the coverage of the main transmitter on channel 12. Channel 26 will be located on the old WXRT-FM tower at 4949 West Belmont.

WLLC-LP Nashville is already operating in digital on channel 42.



FM NEWS FOR CANADA AND USA

BILL HALE
N. Richland Hills, TX
FMnews@wtfda.org

APRIL 2014

INDEX OF ABBREVIATIONS

APP: application	\$: Stereo
APP Mod: Change to an already submitted application	STA: Special Temporary Authorization
Class: FM license class	XL: Transmitter Location change to
CoL: City-of-License	> : change to [in formats]
CP: construction permit (authority to broadcast with facilities noted)	< : an increase to [in technical data]
CP Mod: change to an already granted CP	> : a decrease to [in technical data]
DA: directional antenna	[]: Calls in brackets signifies assumed or applied-for status
FF: French language	Note: antenna heights are HAAT except where noted

CANADA



— CALL LETTER CHANGES —

		<u>Old Call</u>	<u>New Call</u>
BC	Grand Forks	102.3 CP	CKGF-FM
ON	Tillsonburg	88.7 CP	CBCL-FM1

— FORMAT and SLOGAN CHANGES —

BC	Vancouver	95.3 CKZZ-FM	> CHR: Z95.3 [of course pronounced "Zed 95.3", hi]
NB	Moncton	91.9 CKNI-FM	> Light Rock
NB	Saint John	88.9 CHNI-FM	> Adult Contemporary
ON	Kingston	104.3 CKWS-FM	> Adult Contemporary: <i>Hits 104.3</i>
ON	Ottawa	106.9 CKQB-FM	> Adult Contemporary: <i>106.9 Fresh-FM</i>

— TECHNICAL CHANGES —

GRANTS FOR NEW STATIONS

			<u>CP granted for:</u>
BC	Grand Forks	102.3 CKGF-FM	1.043 kW/(-) 353 m DA, 49-00-39/118-23-29; Class A; \$; will be Adult Rock/Classic Rock format + news/talk including weather, sports, surveillance and community events; when this facility starts up, CKGF-FM1 93.3 Christina Lake, CKGF-FM2 96.7 Greenwood and CKGF-FM3 103.7 Rock Creek will become 'rebroadcasting transmitters' of it
ON	Tillsonburg	88.7 CBCL-FM1	8.18 kW/79 m DA, 42-53-30/80-45-11; Class B1; Mono; will relay CBCL-FM 93.5 London

GRANTS TO EXISTING STATIONS

			<u>CP granted for:</u>
AB	High Prairie	93.5 CKVH-FM	< 29 kW/< 129 m, XL to 55-32-28/116-07-14; (to) Class B; \$
AB	Peace River	94.9 CKYL-FM1	< 2.5 kW/< 155 m, XL to 56-14-07/117-15-55; Class A; \$
AB	Peace River	106.1 CKKX-FM	> 2.5 kW/< 155 m, XL to 56-14-07/117-15-55; Class A; \$
NB	Saint John	88.9 CHNI-FM	> 25 kW [adds V]/< 414 m (to) DA, 45-28-39/66-13-59; Class C; \$
QC	Matane	95.3 CHOE-FM	> 14.6 kW/180 m, 48-49-54/67-21-50; Class B1 (from B); \$ [requested due to ailing transmitter and new power would cover intended area adequately]

APPLICATIONS FROM EXISTING/PROPOSED FACILITIES

			<u>Applies for:</u>
BC	Kelowna	96.3 CKKO-FM	> 14.1 kW/< 793 m, XL to
ON	Bolton	105.5 CJFB-FM	< 5 kW-H (from V-only)/> 6 m (to) DA, 43-51-10/79-41-33; \$; frequency change to 102.7 [if granted, LP station CFGM-FM 102.7 Caledon will be deleted]
ON	Stouffville	102.7 CIWS-FM	> 1 kW (would add V)/< 30 m (to) DA, XL to 43-58-21/79-14-35; (to) Class A; \$
QC	La Baie	93.7 CBJ-FM6	> 544 W-V/32 m DA, 48-21-08/70-53-54; (to) Class A; Mono; frequency change to 102.1

APPLICATIONS FOR NEW FACILITIES

			<u>Applies for:</u>
AB	Spruce Grove	88.1 APP	6 kW/152 m, 53-38-45/114-00-14; Class B1; \$ [would be AC]
NS	Halifax	99.1 CHOU-FM2	355 W-H/224 m DA, 44-39-03/63-39-25; Class A; \$ [would be ethnic]
ON	Ignace	97.5 CKDR-FM1	50 W/? m, 49-24-09/91-39-55; Class LP; Mono [would replace CKDR-1340 Ignace and continue to relay CKDR-FM 92.7 Dryden]
ON	Scarborough	102.7 CKFG-FM1	1.5 kW/55 m DA, 43-49-45/79-14-38; Class A; \$ [would relay CKGF-FM 98.7 Toronto]
ON	Scarborough	102.7 APP	1.2 kW/73 m DA, 43-48-41/79-13-34; Class A; \$
ON	Scarborough	102.7 APP	1.2 kW/73 m DA, 43-48-41/79-13-34; Class A; \$
ON	Scarborough	102.7 APP	1.3 kW-H/77 m DA, 43-48-41/79-13-34; Class A; Mono
QC	Kanesatake	101.7 APP	27 W/27 m [would be an English & Mohawk Native station playing Aboriginal, Rock & Country]
QC	Perce	91.9 APP	440 W/362 m, 48-31-38/64-14-37; Class A; Mono [would be FF-Language TIS]
QC	Pointe-a-la-Garde	92.3 CBGA-FM20	4.53 kW-V/4.74 kw-H/215 m DA, 48-04-58/66-34-50; Class B1; Mono [would relay CBGA-FM 102.1 Matane]

— OTHERNEWS —

AB	Lloydminster	98.9	CILR-FM	License cancelled; call deleted per licensee's request [CILR-FM was a 50-Watt tourist information station]
NS	Truro	107.1	CJIS-FM	License cancelled; call deleted per licensee's request [CJIS-FM was a 50-Watt tourist information station]
QC	Bromptonville	93.1	CJRF-FM	License cancelled; call deleted per licensee's request [CJRF-FM was 1-Watt FF-language religious station]
QC	Crabtree	106.5	VF8022	License cancelled; call deleted per licensee's request [VF8022 was a 1-Watt FF-language religious station]
QC	Sherbrooke	88.1	CFPP-FM	License cancelled; call deleted per licensee's request [CFPP-FM was a 1-Watt religious station]
SK	Wolseley	93.1	CISE-FM	License cancelled; call deleted per licensee's request [CISE-FM was a 50-Watt tourist information station]

— UNITED STATES AND TERRITORIES —



— CALL LETTER CHANGES —

FULL POWER STATIONS

		<u>Old Call</u>	<u>New Call</u>		<u>Old Call</u>	<u>New Call</u>		
AZ	Peach Springs	100.9	CP	SC	Port Royal	107.9	WXYY	WRWN
FL	Pensacola	100.7	WCOA-FM	OK	Coalgate	96.3	CP	KLJC
GA	Rincon	100.1	WSSJ	OK	Frederick	91.5	KSYE	KCBK
IL	Paris	98.5	WIBQ	TN	Lawrenceburg	106.7	WDXE-FM	WKSR-FM
IN	Attica	95.7	WSHP	TN	Loretto	98.3	WKSR-FM	WDXE-FM
KS	Atwood	106.3	CP	TX	Clarksville	90.1	NEW	KXQJ
KS	Lakin	92.5	KGRQ	TX	Kermit	93.7	CP	KWXW
KY	Springfield	102.7	WYSB	TX	Markham	104.5	CP	KBYC
MI	Monroe	97.5	WYDM	TX	Winnie	105.3	KPTY	KXXF
NY	Esperance	89.9	WOPG	UT	Coalville	103.1	KLO-FM	KSQN
NC	Beech Mountain	102.3	WECR-FM	VT	Bellows Falls	91.5	CP	WOOL
ND	Arthur	103.9	KVMI	WI	Port Washington	100.1	WPJP	WSJP-FM
PR	Ceiba	101.7	WQML	WY	Wheatland	105.1	CP	KTDM
PR	Culebra	98.7	WNVE					

LPFM STATIONS

		<u>Old Call</u>	<u>New Call</u>		<u>Old Call</u>	<u>New Call</u>		
AL	Birmingham	95.1	CP	GA	Demorest	98.7	CP	WPCZ-LP
AL	Decatur	98.5	CP	GA	Waycross	103.9	CP	WEWZ-LP
AL	Fort Payne	103.9	CP	HI	Hawi	96.5	CP	KNKR-LP
AL	Madison	95.5	CP	HI	Waimea	107.3	CP	KRKY-LP
AL	Selma	93.3	CP	ID	Twin Falls	103.9	CP	KDKI-LP
AL	Selma	99.3	CP	IL	Bone Gap	100.1	CP	WXWS-LP
AK	Fairbanks	105.9	CP	IL	Monmouth	105.9	CP	WPFS-LP
AK	Anchorage	97.7	CP	IN	Brownsburg	98.9	CP	WYRZ-LP
AZ	Payson	100.7	KPJM-LP	IN	Fremont	103.7	CP	WGOO-LP
AZ	Sun City West	103.1	CP	IN	Newburgh	98.9	CP	WDXM-LP
AR	Hot Springs	97.9	CP	IN	South Bend	105.7	CP	WETF-LP
AR	Malvern	99.1	CP	IN	Syracuse	93.7	CP	WRWT-LP
AR	Mena	95.5	CP	IA	Kensett	97.1	CP	KWGH-LP
AR	Norman	95.1	CP	KS	Mc Pherson	106.7	CP	KKOS-LP
AR	Pine Bluff	100.7	CP	KY	Liberty	101.3	CP	WIHE-LP
AR	West Memphis	93.3	CP	KY	Wheelwright	105.7	CP	WCYW-LP
CA	Alturas	99.1	CP	KY	Whitesville	93.1	CP	WJOR-LP
CA	Big Bear City	94.1	CP	LA	Baton Rouge	98.5	CP	WLMZ-LP
CA	Frazier Park	104.1	CP	LA	Epps	95.1	CP	KEPP-LP
CA	Frazier Park	107.3	CP	LA	La Place	107.9	CP	WGUP-LP
CA	Guadalupe	100.9	CP	LA	Lake Charles	93.5	CP	KPPM-LP
CA	Lebec	98.1	CP	LA	New Orleans	95.3	CP	WNOZ-LP
CA	Malibu	97.5	CP	LA	Oak Grove	98.9	CP	KOGQ-LP
CA	Morro Bay	97.3	CP	MD	Ocean City	99.5	CP	WPSB-LP
CA	Pine Mountain Club	97.9	CP	MD	Ocean City	100.3	CP	WWOP-LP
CA	Red Bluff	92.5	CP	MI	Ann Arbor	102.3	CP	WEGV-LP
CA	Santa Barbara	96.5	CP	MI	Beaver Island	100.1	CP	WVBI-LP
CA	Visalia	107.1	CP	MI	Hillsdale	101.7	CP	WDLH-LP
CO	Monument	103.1	CP			... then	WDLH-LP	WRFH-LP
CT	New London	92.9	CP	MI	Lowell	92.3	CP	WIPE-LP
FL	Apopka	99.3	CP	MI	Marquette	103.9	CP	WNOA-LP
FL	Citra	104.9	CP	MI	St. Joseph	102.9	CP	WQBH-LP
FL	Colman	97.1	CP	MI	Three Oaks	93.5	CP	WPFS-LP
FL	Conway	93.9	CP	MN	St. Louis Park	97.5	CP	KUOL-LP
FL	Daytona Beach	95.1	CP	MS	Hattiesburg	98.7	CP	WJPE-LP
FL	Daytona Beach	106.3	CP	MS	Yazoo City	94.1	CP	WYAD-LP
FL	Jacksonville	95.5	CP	MO	Fenton	92.7	CP	KFTN-LP
FL	Lake City	100.9	CP	MO	High Ridge	94.3	CP	KOIU-LP
FL	Land O' Lakes	102.1	WFRT-LP	MO	Salem	96.5	CP	KSOZ-LP
FL	Mayo	97.1	CP	MO	Sullivan	95.9	CP	KSLN-LP
FL	Miami	94.3	CP	MT	Libby	93.1	CP	KHRU-LP
FL	Miami	95.3	CP	NE	Lincoln	95.7	CP	KNNA-LP
FL	Ocala	107.3	CP	NE	South Sioux City	98.9	CP	KVRY-LP
FL	Palatka	101.1	CP	NH	Concord	102.7	CP	WICX-LP
FL	Poinciana	99.9	CP	NM	Albuquerque	99.9	CP	KMGG-LP
FL	St. Petersburg	106.1	CP	NM	Hobbs	107.7	CP	KJLL-LP
FL	Saint Augustine	103.9	CP	NM	Placitas	99.9	CP	KUPR-LP
FL	Tallahassee	92.3	WKUP-LP	NY	Greenwich	105.1	CP	WGRE-LP
FL	Weeki Wachee	102.9	CP	NY	Lake Placid	98.3	CP	WCLP-LP
GA	Camilla	94.5	CP	NY	Stamford	105.9	CP	WJIJ-LP
GA	Decatur	103.7	CP	NY	Whitesboro	97.3	CP	WHIH-LP

NC Asheville	103.3	CP	WSFM-LP	TN Lebanon	100.5	CP	WIML-LP
NC Greensboro	99.9	CP	WLJF-LP	TN Memphis	98.5	CP	KUFP-LP &
NC Raleigh	101.9	CP	WKRK-LP	TN Morristown	94.5	CP	WYBI-LP
OH Delphi Township	98.1	CP	WDTZ-LP	TX Austin	96.1	CP	KIJZ-LP
OH Lima	101.1	CP	WTPP-LP	TX Austin	102.9	CP	KTYZ-LP
OH St Marys	105.9	CP	WJRU-LP	TX Bay City	91.7	CP	KBCT-LP
OH Tiffin	103.3	CP	WSJG-LP	TX Belton	103.7	CP	KMHB-LP
OH Troy	107.1	WTJW-LP	WTJN-LP	TX Borger	94.9	CP	KXTI-LP
OH Wilmington	106.7	CP	WALH-LP	TX Brazoria	98.5	CP	KFCJ-LP
OK Canute	100.7	CP	KPFS-LP	TX Bronte	106.7	CP	WFRT-LP #
OK Enid	99.9	CP	KVBN-LP	TX Childress	93.1	CP	KPBC-LP
OR Chiloquin	93.1	CP	KCQN-LP	TX Dallas	95.3	CP	KVWR-LP
OR Hood River	97.5	CP	KAHG-LP	TX Kermit	102.7	CP	KGQD-LP
OR Lapine	107.3	KITG-LP	KNCP-LP	TX Padre Island	93.3	CP	KNPI-LP
OR Rogue River	94.3	CP	KRRC-LP	TX San Marcos	103.1	CP	WMKF-LP
PA Eagleville	106.5	CP	WEMZ-LP	TX San Marcos	104.1	CP	KZSM-LP
PA Erie	96.7	CP	WCAG-LP	TX Sweetwater	101.1	CP	KFEM-LP
PA Greensburg	100.3	CP	WJLW-LP	TX Waco	107.1	CP	KWYA-LP
PA Marlborough	105.7	CP	WEMA-LP	UT Coalville	103.1	KLO-FM	KSQN
PA Plymouth	105.7	CP	WRDY-LP	UT Green River	89.1	CP	KZGR-LP
PR Guanica	107.9	CP	WJED-LP	VA Charlottesville	94.7	CP	WPVC-LP
PR Mayaguez	95.7	CP	WROG-LP	VA Huddleston	100.5	CP	WCRH-LP
PR Mayaguez	99.1	CP	WYKQ-LP	VA Warrenton	96.7	CP	WAVB-LP
SC Belton	99.5	CP	WATC-LP	WA Brinnon	101.1	CP	KPWN-LP
SC Clio	102.7	CP	WOPA-LP	WA Goldendale	100.1	CP	KVGD-LP
SC Cross Hill	101.7	CP	WWHC-LP	WA Spokane	101.5	CP	KKSN-LP
SC Laurens	104.1	CP	WMFB-LP	WA Vashon	101.9	CP	KVOI-LP
SC Moore	104.3	CP	WYQK-LP		... then	KVOI-LP	KVSH-LP
SC Piedmont	107.9	CP	WXRU-LP	WA Wenatchee	102.9	CP	KEFA-LP
SC Saluda	101.9	CP	WLPQ-LP	WV Ravenswood	92.5	WVFC-LP	WRWO-LP
SC Seven Oaks	99.1	CP	WXNW-LP		... then	WRWO-LP	WTHM-LP
TN Clarksville	93.5	CP	KWUS-LP	WV Richwood	101.7	CP	WXTH-LP*
TN Dresden	106.3	CP	WXOL-LP *	WI Silver Lake	101.5	CP	WLCB-LP

& - the transmitter is 10 miles EAST of the Mississippi River, yet a "K" call

- this is the correct call. Another W in Texas!

* - correction from last month

TRANSLATOR and BOOSTER STATIONS

		Old Call	New Call			Old Call	New Call
AL Anniston	97.1	W245BD	W246DB	MI Plainfield Township	99.9	W258CO	W260CQ
AL Florence	97.9	W253AH	W250BJ	MN Hinckley	106.5	W289BU	W293CS
AK Sterling	94.3	K235BE	K232EH	MN Hinckley	107.3	W296CH	W297BO
AZ Dolan Springs	105.3	K284BE	K287BJ	MS Meridian	100.9	W212BV	W265CZ
AZ Kingman	97.5	CP	K248CO	MO Clinton	106.9	K293BM	K295CH
AZ Mohave Valley	99.9	CP	K260CG	MO Jackson	107.5	K299BH	K298BW
AR Searcy	106.5	K291BM	K293CE	MO Knob Noster	92.7	K223BY	K224ET
CA Anderson	98.5	K262AM	K253CC	NE Columbus	89.7	K212AV	K209FS
CA Borrego Springs	91.9	K217EL	K220GJ	NV Henderson	100.9	CP	K265EZ
CA Santa Clarita	100.3	APP	KSWD-1	NV Las Vegas	101.5	CP	K268CS
CA Santa Rosa	103.1	K277CJ	K276FY	NV Mesquite	102.7	K273EZ	K274CQ
CA Santa Rosa	103.5	K276DT	K278CD	NH Claremont	101.5	W265AT	W268CD
CA Soledad	105.9	K236AJ	K290CJ	NJ Atlantic City	92.5	CP	W223CO
CO Estes Park	88.9	K202EG	K205FV	NM Truth or Consequences	93.7	K216CK	K270CE
CO Golden	94.1	K284BR	K231BQ	NC Cashiers	105.5	CP	W288CR
CO Monument	93.9	K284CA	K230BO	NC Goldsboro	98.3	W253AX	W252CL
CO Parachute, etc	88.5	K202BI	K203FJ	NC Kinston	92.9	W224CJ	W225CD
DE Lewes	96.7	W245BH	W244DC	NC Lenoir	93.7	W232AV	W229CB
DE Wilmington	96.9	CP	W245CJ	NC Wilmington	92.7	W277CF	W224CX
FL Four Corners	92.9	CP	W225CE	OH New Paris	100.9	W266CE	W265DA
FL Gainesville	95.3	CP	W237EJ	OK Guymon	88.1	K203FF	K201IR
FL Gainesville	106.5	CP	W293CR	OR Corvallis	92.7	CP	K224EU
FL Hiland	102.7	K273EZ	K238BG	OR Gresham	102.9	K274AR	K275CH
FL Lady Lake	102.7	W259AS	W274BR	OR Klamath Falls	93.3	K280BW	K227CU
FL St. Augustine	102.1	W272CT	W271CJ	OR Rogue River	100.7	K266AC	K264CA
FL West Palm	101.5	CP	W268CF	PA Clarks Green	100.7	CP	W264CP
GA Athens	94.5	W250AC	W233CA	PA Lewisburg	100.1	W215BU	W261CA
GA Cuthbert	99.7	W206CC	W259CA	SC Lancaster	104.1	CP	W281BE
GA Soperton	102.1	W272CP	W271CI	SC Yankton	90.7	K216EY	K214FC
	... then	102.5	W271CI	TN Collegedale	98.5	CP	W253BO
HI Kailua Kona	96.5	CP	K243CB	TN Pulaski	98.3	WKSJ-FM1	WDXE-FM1
HI Kihei	91.3	K220HA	K217GE	TX Athens	97.5	CP	K248CP
HI Lahaina	95.7	CP	K239CD	TX Austin	95.9	K242CC	K240EL
ID Cascade	100.9	K238AG	K265EY	TX Burleson	95.7	K238BQ	K239CC
ID Driggs	91.7	K217ED	K219LW	TX Ingleside	93.1	K227CM	K226CF
ID Garden City	95.5	K239AC	K238BW	TX Ingleside	105.9	K287BN	K290CK
ID Twin Falls	105.1	CP	K286CH	TX Lake Jackson	89.3	K210DF	K207FB
IL Elgin	91.3	W219CD	W217CB	TX Levelland	92.3	K219LQ	K222CN
IL Spring Grove	88.1	W206AI	W201DN	TX Quitman	95.7	K236BG	K239CB
IL Sycamore	92.9	W228BZ	W225CC	UT Bountiful	103.1	KLO-FM5	KSQN-FM5
IL Williamsville	96.1	W243CR	W241CC	UT Bountiful	... then	KSQN-FM5	KSQN-FM9
IA Burlington	106.3	K239AF	K292GR	UT Cedar City	95.5	K249DR	K238BO
IA Waverly	105.1	K232EO	K286CI	UT Cedar City	101.1	K269DG	K266BR
KS Wichita	103.3	K275BX	K277CU	UT No. Salt Lake	103.1	KLO-FM7	KSQN-FM7
KY Beaver Dam	101.5	W265BZ	W268CE	UT Ogden	103.1	KLO-FM1	KSQN-FM1
KY Lexington-Fayette	93.3	CP	W227CW	UT Park City	103.1	KSQN-FM3	KSQN-FM8
KY Middletown	104.9	W284AM	W285ER		... then	KLO-FM3	KSQN-FM3
KY Somerset	99.1	W255AO	W256CE	UT Provo	103.1	KLO-FM4	KSQN-FM4
LA Amite	97.3	K248BF	K247BJ		... then	KSQN-FM4	KSQN-FM6
LA Houma	89.5	K249DI	K208FW	UT Salt Lake City	103.1	KLO-FM2	KSQN-FM2
ME Brunswick	94.7	W235CD	W234CG	VT South Burlington	92.1	CP	W221CZ
ME Holden	97.7	APP	WNSX-1	VA Marion	93.3	CP	W227CQ
ME Saco	105.1	CP	W286CU	VA Winchester	103.7	CP	W279CV
MI Fort Gratiot Twp.	107.9	CP	W300CT	WA Auburn	102.1	K229BP	K271BS
MI Hastings	93.3	W225BA	W227CG	WA Sumner	102.1	CP	K271CD
MI Manistee	107.9	W253AR	W300CG	WY Pine Bluffs	107.1	K242CG	K296GQ

Full Power and LP Facilities

AL	Eva	99.9	WRJL-FM	Changes slogan to <i>Country Gospel 99.9</i>	
AK	Anchorage	102.1	KDBZ	> Classic Hits: <i>Oldies 102.1</i>	
AK	Cordova	100.9	KCDV	Adds slogan <i>100.9 The Eagle</i>	
AZ	Globe	100.3	KQMR	Changes their slogan to <i>100.3</i> [affects // KHOV 105.3 Wickenburg]	
AZ	Green Valley	92.1	KFMA	> Regional Mexican: <i>La Caliente</i>	
AZ	Oro Valley	102.1	KCMT	> Modern Rock: <i>Rock 102</i>	
AR	Crawfordsville	101.9	KWNW	Changes slogan to <i>K-101.9, KISS-FM</i> , remaining CHR	
CA	North Fork	107.9	KLLE	Changes their slogan to <i>107.9</i>	
CA	San Andreas	90.7	KQBM	Signs on with Variety: <i>Blue Mountain Radio</i>	
CA	Sacramento	103.5	KHHM	> Rhythmic CHR	
CA	Santa Clara	105.7	KVVF	> Hip Hop/R&B: <i>Hot 105.7</i>	
CA	Yucca Valley	90.5	KNLM	Signs on with Religious Teaching: <i>Your Celebration Station</i>	
CO	Bennett	107.1	KDHT	> Classic Alternative: <i>107X</i>	
CO	Fleming	100.1	KSIK	Signs on with Adult Standards: <i>100.1 The Pirate</i>	
CO	Limon	93.7	KIIQ	Returns to the air with <i>Oldies</i>	
FL	Fort Walton Beach	99.5	WKSM	> Rock	
FL	Graceville	101.7	WTOT-FM	> Oldies: <i>True Oldies</i> [Cumulus - True Oldies]	
FL	Marianna	91.1	WHMF	Returns to the air with Religious Teaching: <i>Radio 74 Internationale</i>	
FL	Silver Springs Shores	99.7	WGMA	Signs on with Adult Standards: <i>Gold 99</i> [Westwood One - Adult Standards]	
GA	Barrettsville	90.7	WLTS	Changes slogan to <i>Una Senal de lo Alto, Pura el Mundo</i>	
GA	Claxton	88.9	WLFH	Signs on with Religious Teaching: <i>His Radio</i> [His Radio Network]	
GA	Rincon	100.1	WSSJ	> Hot AC: <i>Y 100</i>	
ID	Garden Valley	98.5	KXGV-LP	Signs on with a Variety format	
ID	Sugar City	96.5	KAZZ	Signs on with an undetermined format	
IL	Des Plaines	106.7	WPPN	New slogan is <i>Amor 106.7</i>	
IL	Lemont	93.5	WVIX	New slogan to <i>93.5</i> ; also affects // WVIV 103.1 Highland Park [slogan to <i>103.1</i>]	
IN	Fort Wayne	95.1	WAJI	Changes slogan to <i>95.1 Best FM</i>	
IN	Lafayette	93.5	WKHY	> Rock	
IN	Nappanee	95.7	WAOR	> Sports: <i>ESPN 95.7 South Bend</i>	
IN	Richmond	91.5	WECI	Changes slogan to <i>Richmond's Public Radio</i>	
IN	Upland	89.7	WTUR	Changes secondary format to Religious Teaching: <i>Family Friendly - Commercial Free</i>	
IA	Ames	104.1	KMYR	Changes their slogan to <i>More 104</i>	
KS	Colby	91.9	KTCC	> Classic Rock: <i>Colby's Home For Classic Rock</i>	
KY	Benton	96.3	WXFR-LP	Signs on with a Variety format	
KY	North Corbin	101.9	WKFC	Adds network Westwood One - Mainstream Country	
MA	Shirley	89.3	WQPH	Returns to the air with Religious Teaching: <i>Eternal Life Radio</i> [Eternal Word Network]	
MI	Fife Lake	95.9	WLJW-FM	Signs on with Christian CHR/Rock: <i>95.9 Fuel FM</i>	
MI	Manistique	92.7	WRPP	Changes slogan to <i>Real Classic Rock</i>	
MI	Munising	89.3	WSHN	Signs on with Contemporary Christian: <i>Ready FM</i>	
MI	Palmer	98.3	WRUP	Changes slogan to <i>Real Classic Rock</i>	
MI	Republic	97.7	WUPG	> Classic Country: <i>96-7 Yooper Country</i> and is no longer // WUPT 100.3 Gwinn	
MI	Scottville	94.9	WKZC	Changes slogan to <i>Big Dog Country</i>	
MS	Grenada	101.3	WMUT	Returns to the Air with Adult Hits: <i>The Phantom</i>	
MS	Oxford	105.1	WOXF	> Modern Rock: <i>X 105.1</i>	
MS	Sardis	102.1	KBUD	> Adult Hits: <i>The Phantom</i>	
MS	Holly Springs	96.5	WWWN	> Variety: <i>The Phantom</i>	
MS	Utica	100.9	WJXN-FM	> Classic Country: <i>100.9 The Legend</i>	
MO	Bowling Green	94.1	KPVR	> Christian CHR/Rock: <i>Boost 101.9</i>	
MO	Sullivan	107.7	KSLN-LP	New station signs on with Religion	
MO	Potosi	97.7	KHZR	> Christian CHR/Rock: <i>Boost 101.9</i>	
MT	Helena Valley SE	106.5	KKRK	> Active Rock: <i>Rock 106.5</i>	
NE	Hastings	101.5	KROR	Changes slogan to <i>Classic Rock 101.5</i>	
NV	Carson City	97.3	KOLC	> Country: <i>10 Country @ 97.3</i>	
NV	Incline Village	106.9	KRNO	Changes slogan to <i>106.9 More FM</i>	
NV	Indian Springs	99.3	KRGT	Changes their slogan to <i>99.3</i>	
NH	Portsmouth	101.1	WBUB-LP	Signs on with a Variety format	
NC	Burlington	101.1	WYMY	Returns to the air (after an ice storm damaged their antenna) with Regional Mexican: <i>La Ley</i> // WBZJ 96.9 Goldsboro	
NC	Forest City	93.3	WTPT	Changes slogan to <i>93.3 The Planet Rocks</i>	
NC	Goldsboro	96.9	WBZJ	> Regional Mexican: <i>La Ley</i>	
OR	Glendale	91.3	KUSF	Signs on with Variety	
OR	Portland	91.1	KXRY	Returns to the air with Variety: <i>XRay FM</i>	
SC	Columbia	93.5	WARQ	> Hot AC: <i>Q 93.5</i>	
SC	Latta	94.3	WCMG	> Urban AC: <i>Magic 94.3</i>	
SC	Port Royal	107.9	WRWN	> Classic Hits: <i>Rewind 107.9</i>	
SC	St. Andrews	102.3	WMFX	> Rock: <i>Columbia's Rock Station Fox 102.3</i>	
SD	Rapid City	91.3	KTEQ-FM	New station signs on with Variety	
TN	Lawrenceburg	106.7	WKSJ-FM	> Country: <i>Kix 106</i>	
TN	Loretto	98.3	WDXE-FM	> Adult Contemporary: <i>Mix 98.3</i>	
TN	Loudon	104.1	WMJA-LP	Signs on with Variety	
TN	Madisonville	104.7	WGSM-LP	Signs on with Contemporary Christian	
TX	Comfort	95.1	KGSX	Changes their slogan to <i>95.1</i>	
TX	Denton	99.1	KDXX	Changes their slogan to <i>99.1</i>	
TX	Deer Park	104.9	KAMA-FM	Changes their slogan to <i>104.9</i>	
TX	El Paso	88.5	KTEP	Changes slogan to <i>KTEP Your NPR Station For The Southwest</i>	
TX	Ganado	94.9	KHTZ	Returns to the air with an undetermined format	
TX	Hewitt	106.7	KIXT	Changes slogan to <i>106.7 The Bull</i>	
TX	New Ulm	92.3	KNRG	> Americana: <i>Texas Renegade Radio 92.3</i>	
TX	Pearsall	93.3	KSAG	Returns to the air with Spanish Religious	
TX	San Angelo	90.1	KNCH	Changes slogan to <i>San Angelo Public Radio</i>	
TX	San Angelo	93.9	KCRN	> Religious Teaching // KCBI 90.9 Dallas: <i>KCBI Radio Network</i>	
TX	Sulphur Bluff	99.7	KETE	> Contemporary Christian: <i>The Way 99.7</i>	
UT	Price	91.9	KEYP	Changes slogan to <i>Life Unlocked, Truth Unleashed</i>	
UT	Richfield	91.7	KEYR	Changes slogan to <i>Life Unlocked, Truth Unleashed</i>	
UT	Vernal	91.7	KEYV	Changes slogan to <i>Life Unlocked, Truth Unleashed</i>	

VT Bellows Falls	91.5	WOOL	Signs on with Variety: <i>Black Sheep Radio 91.5</i>
VT St. Johnsbury	105.5	WKXH	Changes slogan: <i>KIX 105.5</i>
VA Buena Vista	96.7	WWZW	Adds network Westwood One - Classic Hits/Oldies
WI Rhinelander	96.5	WHOH	Signs on with Sports: <i>Sports Radio 96.5</i> [CBS Sports]
WY Torrington	89.9	KEUW	Signs on with News/Talk/Adult Alternative: <i>Wyoming Public Radio</i> [National Public Radio]



Translators

AL			
CO Golden	94.1	K231BQ	> Sports: <i>Mile High Sports</i>
MO Bellefonte	101.9	K270BW	> Christian CHR: <i>Boost 101.9</i> [EMF]
NJ Manahawkin	107.9	W300AO	> Rock: <i>95.9 The Rat // WRAT 95.9</i> Point Pleasant
NY Ithaca	107.7	W299BI	> Classic Hits: <i>Classic Hits 107.7</i>
WA College Place	94.5	K233CJ	> Jazz: <i>Smooth Jazz 94.5</i> [Smooth Jazz Network]



— FM and AM SIMULCASTS —

Simulcasts:

CO Loveland	93.7	K229BS	KCKK-1510 Littleton with Rock: <i>93.7 The Rock</i>
KY Hazard	101.1	WSGS	WZQQ-1390 Hazard with Country: <i>Power 101</i>
NV Henderson	100.9	K265EZ	KENO-1460 Las Vegas
NC Cashiers	105.5	W288CR	WRGC-540 Sylva with Religion
TN Lawrenceburg	106.7	WKSR-FM	WKSR-1420 Pulaski with Country: <i>Kix 106</i>



— NEW TRANSLATOR STATION AFFILIATIONS —

			<u>Power (Watts)</u>	<u>Will Relay [*]:</u>
AL				
AZ Kingman	97.5	K248CO	50-V DA (330°)	KNKK 107.1 Needles
AZ Mohave Valley	99.9	K260CG	10-V DA (017°)	KVYL 93.7 Mohave Valley [Oldies]
CA Santa Paula	89.9	K210EO	9 DA (180-210 & 330-010°)	KCSN 88.5 Northridge
FL Four Corners	92.9	W225CE	28	WPOZ 88.3 Union Park
FL Gainesville	106.5	W293CR	60 DA (110°)	WGGG-1230 Gainesville
FL West Palm	101.5	W268CF	32 DA (010°)	WEJF 90.3 Palm Bay
HI Kailua Kona	96.5	K243CB	10	KKUA 90.7 Wailuku
HI Lahaina	95.7	K239CD	210 DA (090°)	KONI 104.7 Lanai City
ID Twin Falls	105.1	K286CH	250	KLIX-1310 Twin Falls
KY Lexington-Fayette	93.3	W227CW	86	WBUL-FM 98.1 Lexington
ME Saco	105.1	W286CU	13 DA (090-360°)	WYFP 91.9 Harpswell, which relays WYFQ-FM 93.5 Wadesboro, North Carolina
MI Fort Gratiot Twp.	107.9	W300CT	30	WHYT 88.1 Goodland Township
NV Henderson	100.9	K265EZ	35	KENO-1460 Las Vegas [Sports]
NV Las Vegas	101.5	K268CS	55 DA (307°)	KKVV-1060 Las Vegas
NJ Atlantic City	92.5	W223CO	50 V DA (120°)	WOND-1400 Pleasantville
NC Cashiers	105.5	W288CR	50-H DA (070°)	WRGC-540 Sylva
OR Corvallis	92.7	K224EU	5	KWAX 91.1 Eugene
TN Collegedale	98.5	W253BO	10	KCSH 88.9 Ellensburg, Washington
TX Athens	97.5	K248CP	250 DA (190-310°)	KATG 88.1, which relays WAFR 88.3 Tupelo, Mississippi
VT South Burlington	92.1	W221CZ	1-H DA (310°)	WCLX 102.9 Westport
VA Marion	93.3	W227CQ	7	WPIR 88.1 Hickory
VA Norfolk	96.5	W243DJ	250 DA (350-180°)	WUSH 106.1 Poquoson [Country]
VA Winchester	103.7	W279CV	10	WPER 89.9 Culpeper
WA Satsop	106.3	K292GQ	10 DA (260-330°)	KGHO-LP 98.5 Hoquiam [holds CP to 99.9]
WA Sumner	102.1	K271CD	3-V	KOMO-FM 97.7 Raymond



The 'mother' stations noted here are taken from the applications on file at the FCC. If there any deviations from what are listed, please contact us and we'll post an update / correction. Thanks.

Note: Unless otherwise noted, the number after DA (Directional Antenna) is the direction(s) in which the ERP is at its maximum

— APPLICATIONS FOR NEW TRANSLATOR STATIONS —

			<u>Power (Watts)</u>	<u>Applicant:</u>
CA San Diego	96.1	APP	1 DA (305°)	Penfold Communications, Inc.
KY Shelbyville	100.1	App	250 DA (290-100°)	W&B Broadcasting, Inc
NJ Hammonton	104.1	APP	63 DA (000-030) & (170-300°)	Edward A. Schober
SC Columbia	106.3	APP	55	Community Public Radio, Inc.
TN Sevierville	98.3	APP	26	Oak Ridge FM, Inc.
TX South Padre Island	105.3	APP	20	Powell Meredith Communications Company.
WA Eaglemount	103.1	APP	1	Community Public Radio, Inc

— APPLICATIONS FOR NEW BOOSTER STATIONS CANCELLED —

AZ Kingman * 94.7 KFLG-FM1 Cameron Broadcasting, Inc.

* - cancelled at the request of the applicant

— NEW LPFM STATION GRANTS —

			<u>Power (Watts)/Ant Ht</u>	<u>Licensee:</u>
AL Oxford	95.9	CP	1.3 / 314	Calhoun County 9-1-1 District
AL Fort Payne	103.9	WGAF-LP	100 / (-) 35	Fort Payne Church of Christ
AL Selma	93.3	WPJB-LP	100 / 24	People for Jesus Radio Broadcasting Company, Inc.
AL Selma	99.3	WKBJ-LP	100 / (-) 6	Selma Powerhouse Church
AK Fairbanks	105.9	KDFJ-LP	100 / (-) 24	Hope Chapel, Inc., D/B/A Calvary Chapel North Star
AZ Florence Community	101.1	CP	50 / 3	Tohono O'Odham Nation
AZ Payson	100.7	KPDJ-LP	1.3 / 334	Payson Helping Payson, Inc.
AZ Phoenix	102.9	CP	100 / (-) 10	Arizona Interfaith Alliance for Worker Justice
AZ Sun City West	103.1	KSCW-LP	100 / 12	Recreation Centers of Sun City West, Inc.
AR Hot Springs	97.9	KUHS-LP	1.9 / 239	Low Key Arts Incorporated
AR Malvern	99.1	KMAP-LP	100 / 5	College of the Ouachitas
CA Bakersfield	95.9	CP	100 / 26	Council of Messianic Jewish Ministries International
CA Big Bear City	94.1	KSVB-LP	33 / 52	Bear Valley Seniors and Veterans Assistance, Inc.
CA Greenville	91.3	CP	100 / (-) 321	Indian Valley Media Education Cooperative
CA Guadalupe	100.9	KEPM-LP	100 / (-) 16	El Padrecito Ministries, Inc.
CA Malibu	97.5	KBUU-LP	50 / 9	Zuma Beach Fm Emergency and Community Broadcasters
CA Modesto	93.3	CP	100 / 29.9	Central Valley Media Center Inc.
CA Red Bluff	92.5	KNKJ-LP	100 / (-) 7	Calvary Chapel Red Bluff
CA Santa Barbara	96.5	KRZA-LP	100 / (-) 111	La Casa De La Raza
CO Colorado Springs	103.5	CP	25 / 59	Native American Music Society
CO Greeley	95.3	CP	61.8 / 38	Colorado Progressive Congregation
CT Simsbury	103.5	CP	100 / 20	Simsbury Fire District
FL Daytona Beach	95.1	WDRD-LP	14.9 / 76	Daytona Beach Broadcasting
FL Daytona Beach	106.3	WAIG-LP	15.5 / 75	Rhema Broadcasting, Inc.
FL Hollywood	103.9	CP	48 / 44	Broward Jewish Alliance, Inc.
FL Miami	106.1	CP	81 / 34	Agape Force Miami
FL Miami	107.9	CP	100 / 25	305 Community Radio, Inc
FL Palatka	101.1	WPRD-LP	54 / 41	Minority Educational Broadcasting, Inc.
FL Saint Augustine	103.9	WARN-LP	100 / 12	The Ashley Willwerth Memorial Scholarship Foundation, Inc.
FL Weeki Wachee	102.9	WZEU-LP	30.8 / 53	Weeki Wachee Community Radio Inc
FL West Palm Beach	101.1	CP	100 / 29*	Caribbean Heritage Foundation
GA Athens	104.1	CP	100 / 19	Common Ground Athens, Inc.
GA Camilla	94.5	WMCZ-LP	100 / 25	Mitchell Co High School
GA Decatur	103.7	WJEU-LP	19.3 / 67	Able Solution Counseling Ministries
GA Douglas	107.3	CP	100 / 22	Senda De Vida Ministries, Inc
GA Suwanee	94.5	CP	4.25 / 46*	Casa Vida Inc
GA Waycross	103.9	WEWZ-LP	100 / 27	Crossway Broadcasting
HI Hawi	96.5	KNKR-LP	5 / 133	North Kohala Community Resource Center
HI Honolulu	97.9	CP	100 / 8	New Dynasty Culture Center
HI Kailua-Kona	100.5	CP	100 / 2.5*	The Sanctuary of Mana Ke'a Gardens DBA Radio Alchemy
HI Waimea	107.3	KRKW-LP	100 / (-) 147	Waimea Baptist Church
ID Bonners Ferry	98.3	CP	100 / (-) 131	Boundary County Community Television
ID Twin Falls	103.9	KDKI-LP	100 / 2	Tamarack Community Broadcasting Inc
IL Huntley	101.5	CP	32.4 / 52	Huntley Community Radio Ltd. NFP
IN Fremont	103.7	WGOO-LP	44.9 / 44	Fremont Community Broadcasters, Inc.
IN Kokomo	104.9	CP	100 / 26	Table Setter Neighborhood Radio Inc.
IN Newburgh	98.9	WDXM-LP	100 / 20	Newburgh Enlightenment Radio Center, Inc.
IN South Bend	105.7	WETF-LP	100 / 13	Latino Task Force for Education, Inc.
IA Decorah	104.1	CP	100 / (-) 44	Community Radio of Decorah, Postville and Northeast Iowa
KS Mc Pherson	106.7	KKOS-LP	7.4 / 106	PCRA, Inc.
KY Liberty	101.3	WIHE-LP	100 / 28	Liberty Public Radio, Inc.
LA Baton Rouge	98.5	WLMZ-LP	100 / 25	Community Association for the Welfare of School Children
LA Lake Charles	93.5	KPPM-LP	57.3 / 40	CCW Enterprises of Lake Charles
LA New Orleans	95.3	WNOZ-LP	62.5 / 38	M&M Community Development Inc New Orleans Branch
LA New Orleans	98.9	CP	65.1 / 37	Delgado Community College
LA New Orleans	102.3	CP	35.5 / 49	New Orleans Society of Infectious Diseases Awareness
LA Shreveport	97.7	CP	39 / 47	Amore Entertainment Radio
LA Sterlington	106.9	CP	100 / 9	Glory2Glory Educational Foundation, Inc
MA Acton	94.9	CP	100 / 26	Town of Acton
MA Amherst	103.1	CP	3 / 191	Hampshire Arts Con
MI Ann Arbor	102.3	WEGV-LP	100 / 10	Make This World Foundation
MI Beaver Island	100.1	WVBI-LP	100 / 21	Preservation Association of Beaver Island
MI Ludington	103.9	CP	100 / 15	Ludington Area Catholic School
MI Three Oaks	93.5	WPFS-LP	45.6 / 44	Radio Harbor Country
MN Moorhead	101.5	CP	100 / 23	Bible Truth Radio, Inc.
MN St. Louis Park	97.5	KUOL-LP	50 / 13	Park Public Radio, Inc.
MS Hattiesburg	98.7	WJPE-LP	100 / 7	Birthright of Hattiesburg, Inc.
MS Yazoo City	94.1	WYAD-LP	11.1 / 88	Bountiful Blessings Broadcasting, Inc.
MO Kansas City	100.5	CP	93.6 / 31	AOT Delta, Inc.
MO Saint Charles	106.9	CP	27 / 57	West End Church of Christ
MO Sullivan	95.9	KSLN-LP	40.6 / 47	Sullivan Seventh-day Adventist Church
MT Helena	94.7	CP	100 / (-) 45	Helena Adventist Educational Media, Inc
MT Park City	100.7	CP	100 / (-) 14	Stillwater County Disaster and Emergency Services
NV Pahrump	106.9	CP	100 / (-) 197	Talk Radio of Pahrump Inc
NH Concord	102.7	WICX-LP	100 / 29	New Hampshire Catholic Community Radio
NH Rochester	106.1	CP	100 / 8	Rochester Radio
NJ New Brunswick	103.9	CP	25 / 59	The Wire NJ, Inc.
NM Albuquerque	99.9	KMGG-LP	100 / (-) 107	Future Broadcasters Inc.
NM Hobbs	107.7	KJLL-LP	25.7 / 58	Hobbs Christian Education Radio, Inc.
NY Lake Placid	98.3	WCLP-LP	100 / 20	Light of Truth, Inc.
NC Asheville	103.3	WSFM-LP	100 / 1	Friends of Community Radio, Inc.
NC Greensboro	99.9	WLJF-LP	36 / 49	Love & Faith Christian Fellowship
NC Hillsborough	104.7	CP	30 / 55	Hillsborough Community Media
NC Raleigh	101.9	WKRP-LP	100 / 6	Capital Area Team Sports, Inc.
NC Wilmington	103.1	CP	73.2 / 35	St. Jude Radio Association
OH Delphi Township	98.1	WDTZ-LP	31 / 52	Delhi Public Radio, Inc.
OH Lima	101.1	WTTP-LP	100 / 21	Calvary Chapel of Lima
OH Wilmington	106.7	WALH-LP	100 / 27	Hendee Broadcasting, Inc.
OK Enid	99.9	KVBN-LP	100 / 25	Victory Bible Church, Inc.
OR Chiloquin	93.1	KCQN-LP	100 / (-) 26	Chiloquin Vision in Progress

OR Portland	90.3	CP	90 / (-) 21	Radio 23
PA Eagleville	106.5	WEMZ-LP	6.5 / 113	County of Montgomery
PA Erie	96.7	WCAG-LP	100 / (-) 2	The Lake Erie Community Radio Station
PA Greensburg	100.3	WJLW-LP	11.3 / 87	Calvary Chapel of Westmoreland County
PA Marlborough	105.7	WEMA-LP	24 / 61	County of Montgomery
PA Plymouth	105.7	WRDY-LP	24 / 61	County of Montgomery
PA Upper Gwynedd	92.9	CP	27 / 41	County of Montgomery
PA Wilkes Barre	97.5	CP	5 / 185	Wilkes Barre Metropolitan Development Corporation
PA Williamsport	98.9	CP	100 / (-) 45	Adventist Community Broadcasting Corporation
PA York	106.1	CP	100 / 0.2	First Saint John's Evangelical Lutheran Church
PR Guanica	107.9	WJED-LP	100 / 24	Onda Cultural Del Sur Inc.
PR Mayaguez	95.7	WROG-LP	100 / (-) 38	Terrace Music Corp.
PR Mayaguez	99.1	WYKQ-LP	100 / (-) 7	Feeding Homeless Corp.
SC Cross Hill	101.7	WWHC-LP	100 / 10	Cross Hill Women in Broadcasting
SC Laurens	104.1	WMFB-LP	100 / (-) 13	Laurens Jehovah Church
SC Moore	104.3	WYQK-LP	100 / 15	Moore Education Project
SC Saluda	101.9	WLPQ-LP	100 / 4	Little Seeds of Life Educational Foundation
SC Seven Oaks	99.1	WXNW-LP	100 / 5	Friends of Independent Public Radio Northwest
SC Spartanburg	98.5	CP	75.9 / 34	St. Paul the Apostle Catholic School
TN Loudon	104.1	WMJA-LP	21 / 64	Power of the Game Inc.
TN Madisonville	104.7	WGSM-LP	54 / 41	Spirit Ministries, Inc
TN Memphis	98.5	KUFP-LP	100 / 18	Citizens Against Unfair Financial Practices
TX Austin	96.1	KIJZ-LP	100 / 20	Iglesia De Cristo
TX Austin	102.9	KTYZ-LP	25.7 / 58	Life Net Church
TX Bay City	91.7	KBCT-LP	100 / 29	Jackson Electric Cooperative, Inc.
TX Borger	94.9	KXTI-LP	27 / 56	City of Borger, TX
TX Brazoria	98.5	KFCJ-LP	95.4 / 30	Jackson Electric Cooperative, Inc.
TX Bronte	106.7	WFRT-LP	100 / (-) 299	Fort Chadbourne Foundation
TX Dallas	95.3	KVWR-LP	70.4 / 36	Warning Radio
TX Galveston	99.7	CP	100 / 30	Iglesia LA
TX Kermit	102.7	KGQD-LP	95 / 31	Kermit Radio Academy
TX La Marque	99.5	CP	24.1 / 60	Abundant Life Christian Center of La Marque Inc
TX Longview	92.7	CP	100 / 30	Vidas Revolucionadas
TX Quinlan	95.7	CP	72.8 / 35	Quinlan Church of Christ
TX San Marcos	103.1	WMKF-LP	14.5 / 77	The Mackenzie Foundation
TX Waco	107.1	KWYA-LP	62.8 / 38	Phoenix Fight II
VA Bristol	103.5	CP	64 / 38	Birthplace of Country Music, Inc.
VA Portsmouth	106.5	CP	86 / 32	Juneteenth Festival Company
WA Bremerton	95.3	CP	8 / 107	Calvary Chapel of Bremerton
WA Camas	102.5	CP	100 / (-) 80	The Way to Salvation Community Church
WA Centralia	106.7	CP	100 / 20	Lewis County Educational Broadcasting
WA Leavenworth	103.3	CP	100 / (-) 111	Our Lady of the Snows Catholic Church
WA Vashon	101.9	KVSH-LP	6.6 / 112	Voice of Vashon
WV Ravenswood	92.5	WTHM-LP	21.6 / 63	Mountain State Community Radio Inc

— APPLICATIONS FOR NEW LPFM STATIONS —

			<u>Power (Watts)/Ant Ht</u>	<u>Applicant:</u>
AL				
CA West Covina	101.5	APP #	20 / 66	Oriental Culture Center
IN Monroe City	98.9	APP	48.3 / 43	South Knox Alumni, Inc
IN Vincennes	98.7	APP	58.7 / 39	Central Church of Christ
MD Bethesda	96.7	APP	63.5 / 38	Chinese American Community Connection, Inc.
MA Mount Hermon	106.7	APP	100 / 14	Northfield Mount Hermon School
MA Westhampton	97.7	APP	4 / 149	Hilltown Christmas Stocking
MA Williamsburg	97.9	APP	6 / 169	Citizens for a Better Hilltowns
MA Worthington	103.3	APP	15.7 / 74	Hilltown Community Arts
MN Minneapolis	98.9	APP #	100 / 28	The Main Street Project
MN Minneapolis	98.9	APP #	100 / 28	The Organizing Apprenticeship Project
MN Minneapolis	98.9	APP #	100 / 28	Pillsbury United Communities
MS Biloxi	104.3	APP	100 / 19	South East Region for Christian Education
MS Gulfport	103.9	APP	100 / 20	Islamic Center of Gulfport, Inc.
NE Omaha	101.5	APP #	20 / 66	Gospel Music Omaha
NV Reno	97.7	APP #	100 / (-) 130	Ministerio Palabra De Vida, Inc.
OH Marion	107.1	APP	6.9 / 110	Marion Midget Football
OH Marion	107.5	APP	93.5 / 31	Marion Community Radio
OR Portland	99.1	APP	100 / 29	LGBTQ Community Center Fund
OR Portland	99.1	APP	100 / (-) 1	We Make the Media Inc.
TX Mission	96.5	APP	55.8 / 40	El Divino Redentor De Las Asambleas De Dios, Inc.
VT West Brattleboro	106.7	APP	15.3 / 75	Mountain Top Community Church
VA Bristol	103.5	CP	64 / 38	Birthplace of Country Music, Inc.

- Reinstated after previously dismissed

<p>All LPFM power levels are in Watts and Horizontal polarization; Antenna heights are HAAT, except where noted * when the height is AGL</p>
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— LPFM PETITIONS FOR RECONSIDERATION SUBMITTED —

CA San Diego	93.7	APP	KY Renfro Valley	94.9	APP	NV Reno	97.7	APP
CA West Covina	101.5	APP	LA Sterlington	106.9	APP	OR Beaverton	94.3	APP
GA Moultrie	98.3	APP	NE Omaha	101.5	APP	VA Midlothian	93.9	APP

— INFORMAL OBJECTIONS FILED AGAINST LPFM APPLICATIONS —

GA Suwanee	94.5		PA Fort Washington	92.1		WA Edmonds	107.3
IN Lafayette	107.3		PA North Versailles	92.3		WA Seattle	107.3

— GRANTS RESCINDED FOR ORIGINAL LPFM CP; RETURNED TO PENDING STATUS —

FL Citra	104.9	WQKW-LP	FL Ocala	107.3	WWWO-LP	SC Laurens	104.1	WMFB-LP
FL Colman	97.1	WAQI-LP	SC Cross Hill	101.7	WWHC-LP	SC Saluda	101.9	WLPQ-LP

— LPFM OBJECTIONS FILED —

CO			OH Columbus	95.9	APP	WA Brinnon	101.1	KPWN-LP
GA Suwanee	94.5	CP	PA Fort Washington	92.1	CP	WA Edmonds	107.3	CP
NH Rochester	103.1	CP	PA North Versailles	92.3	CP	WA Seattle	107.3	CP

— LPFM APPLICATIONS DISMISSED —

AZ			FL Sun City Center *	103.1		OR Portland	100.7	
CA Anaheim Hills	104.7		HI Kailua-Kona	100.9		PA Harrisburg	97.9	
CA Berkeley	93.7		KY Renfro Valley	94.9		PA Philadelphia	106.5	
CA Fullerton	101.5		ME Lisbon Falls	97.3		TN Karns	104.1	
CA Los Angeles *	101.5		MD Beltsville	106.9		TX Brownsville	94.9	
CA Los Angeles (3)	101.5		MD Silver Spring *	96.7		TX Cedar Hill *	104.1	
CA Salinas *	103.1		MA Haverhill	98.1		TX Conroe	103.3	
CA San Diego (2)	101.1		MN Duluth	99.5		TX Corpus Christi	100.9	
CA San Jose *	92.9		NE Omaha	101.5		TX Emory	98.3	
CA Santa Ana (2)	100.7		NV Reno	97.7		TX Mission	96.5	
CA Valencia	107.9		NH Pelham	94.9		TX Mission	99.9	
CA West Covina	101.5		NH Pelham	98.1		TX Pittsburg	94.9	
CO Denver	104.7		NJ Fords *	107.9		TX San Antonio	96.5	
CO Grand Junction	100.3		NJ Somerdale	92.9		TX San Antonio *	96.7	
CO Loveland	104.7		NY Amsterdam	105.3		TX San Antonio	101.5	
CT Simsbury	94.1		NY New York	105.5		TX Sulphur Springs *	96.5	
FL Jupiter	100.9		NY Poughkeepsie	94.7		VA Alexandria *	103.1	
FL Miami *	107.1		NC Concord	101.3		VA Arlington	96.7	
FL Seffner	107.7		NC Raleigh	106.5		WA Kenmore	100.3	
FL Seffner	107.9		OH Marion	104.7		WV Tucker County	100.3	
FL Seminole Manor	104.9							

* - Dismissed at the applicant's request


— OTHERNEWS —

AL			AL New Hope	103.5	WHWT	Is silent	
AL			AL Sylacauga	106.3	W292EH	Changes CoL from Pelham	
AZ			AZ Claypool	97.3	KIKO-FM	Is silent	
AR			AR Arkadelphia	91.1	KSWH-FM	License cancelled; call deleted	
AR			AR Arkadelphia	102.5	KSWH-LP	CP granted to change frequency from 99.9	
CA			CA Desert Center	101.1	KNBQ	Is silent	
CA			CA Monterey	93.5	K228FD	Changes CoL from Carmel Valley	
CA			CA Carmel Valley	105.9	KMLY	Is silent	
CA			CA Suisan City	104.9	Pirate	Fined an individual \$13,600 for operating an unlicensed transmitter	
CO			CO Avondale	97.7	CP	CP granted for new Class C1 station with 100 kW/197 m at 37-54-08/104-16-00	
CO			CO Golden	94.1	K231BQ	Changes CoL from Estes Park	
CO			CO Monument	93.9	K230BO	Changes CoL from Westcreek	
FL			FL Cape Canaveral	103.3	W277AN	License cancelled; call deleted	
FL			FL Fort Lauderdale	101.1	Pirate	Fined an individual \$25,000 for operating an unlicensed transmitter	
FL			FL Miami	89.5	Pirate	Fined an individual \$15,000 for operating an unlicensed transmitter	
FL			FL Panama City	96.3	W242BF	Changes CoL from Springfield	
FL			FL Spring Hill	101.1	W266AI	Changes CoL from Chassahowitzka	
GA			GA Calhoun	99.7	W259CD	Changes CoL from Damascus for this CP not yet on the air	
GA			GA Helen	89.9	WTFH	Is silent	
HI			HI Nanakuli	106.7	KNAN	Is silent	
ID			ID Sugar City	96.5	KAZZ	New Class C3 station signs on with 5 kW-H/160 m at 44-10-30/111-25-47	
IL			IL Mattoon	96.9	WLBH-FM	Fined \$500 (following the initial amount of \$14,000 was appealed) for failure to have their towers (WLBH-1170 uses four) enclosed in a locked fence, and failure to have a staffed presence at their main studio during normal business hours.	
IL			IL Spring Grove	88.1	W201DN	Changes CoL from Lake Villa	
IL			IL Taylorville	107.5	W298BM	Changes CoL from Pana	
IN			IN Boonville	107.1	WEJK	Fined \$4000 for failure to conduct a contest as announced	
IN			IN [see list]	[see list]	[see list]	Fined South Central Communications Corporation, licensee of Stations WIKY-FM 104.1 Evansville, WABX 107.5 Evansville, WLFW 93.5 Chandler (all Indiana) and WSTO 96.1 Owensboro, Kentucky the sum of \$8000 for failure to conduct a contest as announced	
KY			KY Mt. Washington	95.3	WFBR-LP	Changes frequency from 93.9	
LA			LA Amite	97.3	K248BF	Changes CoL from Covington	
MA			MA Shirley	89.3	WQPH	Is silent	
MI			MI Clyde Township	90.1	WXPZ	Is silent	
MI			MI Jackson	93.3	W227BY	Changes CoL from Somerset	
MT			MT Browning	88.1	KNPY	License cancelled; call deleted [License expired]	
NV			NV Stateline	101.7	K269DB	Changes CoL from Carson City	
NV			NV Carson City	92.5	K223AL	Changes CoL from South Lake Tahoe	
NM			NM Reserve	104.5	KZXQ	Is silent	
NM			NM Skyline-Ganipa	95.9	KANM	License cancelled; call deleted	
NY			NY Albany	94.9	W235AY	Changes CoL from Troy	
NC			NC Goldsboro	98.3	W252CL	Changes CoL from La Grange	
NC			NC Wilmington	92.7	W277CF	Changes CoL from Burgaw	
OR			OR Coos Bay	100.3	K262AU	Changes CoL from Empire	
PA			PA Eldred	103.9	WBYB	Changes CoL from Kane	
PA			PA Lewisburg	89.7	W209CK	License cancelled; call deleted	
PA			PA Ridgway	91.1	WRVI	Changes CoL from Saint Marys	
SC			SC Kingstree	97.3	W247BN	Changes CoL from Santee	
SD			SD Pine Ridge	88.7	KVKR	Changes frequency from 88.3	
SD			SD Rapid City	91.3	KTEQ-FM	New Class C3 station signs on (STA with 500 W/17 m at 44- 05-17/103-14-57)	
TN			TN Dickson	91.5	WNRZ	CP for power increase to 25 kW dismissed at the request of the licensee	
TN			TN Knoxville	100.7	W264CJ	Changes CoL from Kodak	
TX			TX Burseson	95.7	K239CC	Changes CoL from Cleburne for this CP not yet on the air	
TX			TX Falfurrias	106.3	KPSO-FM	Fined \$5000 for failing to operate according to the minimum daily operating requirements for FM stations without requesting an STA [background: FCC rules state that stations must operate 2/3 of the total hours they are authorized between 6 AM and 6 PM and 2/3 of the total hours they are authorized to operate between 6 PM and 12 Midnight. It was determined that KPSO-FM signed off at 7 PM daily, therefore violating the FCC rule.]	
TX			TX Ingleside	105.9	K290CK	Changes CoL from Rockport for this CP not yet on the air	
TX			TX Los Ybanez	98.5	KBXJ	Is silent	
TX			TX Marshall	91.1	KBWC	Is silent	
TX			TX Pearsall	93.3	KSAG	Changes frequency from 103.3	
TX			TX Zapata	89.3	CP	CP granted for new Class A station with 280 W/134 m at 26-55-03/99-15-00	
VT			VT Bellows Falls	91.5	WOOL	New Class A station signs on with 550 W/118 m DA at 43-08-14/72-25-59; replaces	



WA Brewster	91.9	KPBW	WOOL-LP, licensed to same company Is silent
WA Chelan	93.5	KZOI	Fined \$12,000 and granted license renewal for four years instead of a full term of eight years for Public Inspection File violations
WA Prosser	94.1	K231CB	Changes CoL from Kennewick South for this CP not yet on the air
WA Leavenworth	101.1	KOHO	Fined \$12,000 and granted license renewal for four years instead of a full term of eight years for Public Inspection File violations
WA Manson	94.7	KZAL	Fined \$12,000 and granted license renewal for four years instead of a full term of eight years for Public Inspection File violations
WI Rhinelander	96.5	WHOH	New Class C3 station signs on with 6.8 kW/191 m at 45-40-03/89-12-29 [forces W244BU off the air. The translator has applied to move to 98.7]
WY Burns	88.9	KIHI	Is silent
WY Ethete	89.5	KWRR	Fined \$1000 for Public Inspection File violations
WY Wheatland	105.1	CP	CP granted for new Class A station with 100 W/6 m at 42-03-07/104-57-13
WY Wheatland	106.5	KRKU	Licence cancelled; call deleted


 Thanks to Shawn Axelrod, Tim Noonan, Dan Sys, Radio Insight, Radio World Online and Upper Midwest Broadcasting for news.
 If you hear any changes occur on your FM dial, share the news! 73



Winegard


FACT-FINDER #215

FM ANTENNAS
 MODELS SF-8, FM-3T, FM-3A,
 K2-FM, K5-FM
TV-FM COUPLER
 Model CA-FM
 3-63



FM DIRECTIONAL
 MODEL SF-8
STEREOTRON
 (Gold Anodized)
 \$23.65 list

OPTIONAL STEREOTRON AMPLIFIER



Mod. AP-320 (300 ohm) \$39.95 list
 Mod. AP-375 (75 ohm) \$44.95 list

RECOMMENDED FOR:
 long distance FM reception in any area.

FEATURES AND SPECIFICATIONS

- ★ gold anodized, eight-element FM yagi cut to receive 88 to 108 mc.
- ★ flat frequency response across entire FM band with 8.8 db gain.
- ★ accurate 300 ohm impedance match.
- ★ directional pattern: when stations you wish to receive come from several different directions, a rotor is recommended.
- ★ double-tuned reflector system gives high front-to-back ratio.
- ★ reflectors re-inforced with 16" aluminum internal sleeve to prevent damage from high winds, ice loading, etc.
- ★ "Tapered-T" driven element.
- ★ all metal parts are 100% corrosion-resistant because they are anodized, iridized or stainless steel.

- ★ Winegard's exclusive wrap-around mast clamp with steel inserts and four pairs of locking jaws—can't crush antenna boom and automatically aligns it on the mast.
- ★ automatic hardware and factory pre-assembled for quick and easy installation.
 - element ends die-cut and crimped, boom plugged to eliminate wind-whistle.
 - light-weight yagi: perfectly balanced at mast clamp, assuring low wind resistance and eliminating strain on rotor.
 - when installing an FM antenna and a TV antenna on the same mast, be sure the two are at least six feet apart.
 - widest element: 67 1/2"; boom length: 90".
 - SF-8 is packed one per three-color display type carton measuring 2 1/2 x 7 x 9 1/2". Shipping weight: 6 1/2 lbs.

CONVERTING THE SF-8 TO AN AMPLIFIED FM ANTENNA

With the addition of Winegard's #AP-320 (300 ohm) or #AP-375 (75 ohm) amplifier, the SF-8 gains additional 18db. The amplifier attaches directly to the driven element of SF-8 for maximum efficiency and lowest signal-to-noise ratio. Also mounts on any other antenna.

PHOTO NEWS



Jeff Kruszka
 1909 Lost Lake Place
 Pearland, TX 77581
 jkruszka@sbcglobal.net

April 2014

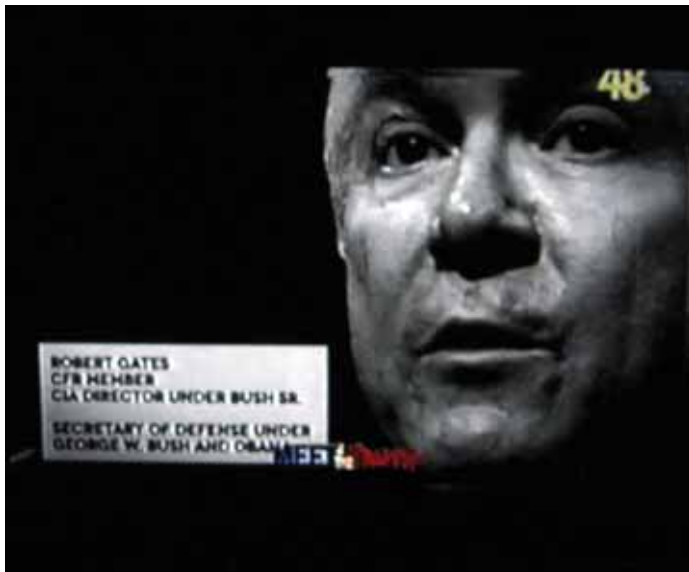
We have some recent tropo to show from first-time contributor Ryan Grabow of Fort Myers, FL. Ryan uses a CM 4228HD 8-bay UHF at 15 ft. AGL. Thanks Ryan!



WHLT-22 Hattiesburg, MS
 557 mi Tr seen 2-17-14
 "furthest DTV yet"



WECP-LD-18 Panama City, FL
 343 mi Tr seen 2-17-14
 "furthest LP DTV"



WFBD-48 Destin, FL
 424 mi Tr seen 2-17-14



WEAR-17 Pensacola, FL
 448 mi Tr seen 2-17-14



WJHG-7 Panama City, FL
 343 mi Tr seen 2-17-14

Photo News Continues on Page 18



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 weather continues to read like a broken record – a few days with temperatures above 40 in the north is cause for much splendor – but spring is here, and that means it's slowly time to dig out the antennas and start gazing at online propagation maps again. A remarkable lack of any kind of DX continues across the continent, but that very much should change in April, as tropo almost always starts to simmer around the Gulf of Mexico this time of year. Before you know it, the first reports of 6-meter Es will be coming in as we move closer to May.

Speaking of Es, there have been some doomsday proclamations concerning the upcoming E-skip season, as the current solar cycle is said to be the weakest in a century. We wouldn't be too concerned – we haven't seen definitive proof of a correlation between the solar cycle and Es activity, and with the last two seasons being rather lean in some locales, we'd be more willing to side with the law of averages.

Ryan Grabow managed some nice winter-time tropo in Florida and he checks in this month along with Dennis Smith from Southern California, in this edition of C2CTVDX.

Ryan Grabow

Fort Myers, FL
egrabow.com/dx

Equipment: CM 4228HD 8-Bay UHF Antenna,
Insignia NS-DXA1 Converter Box, Philips PT902
Portable DTV.

Underlined stations are new. All times Eastern.
Distances in miles/kilometers. Stations under
250km omitted unless new or rare.

13a, 20a, and 48a refer to analog stations.

2/15 Tr

2222 WCJB-16 Gainesville, FL 207/333

2/16-17 Tr

2238 WEAR-17 Pensacola, FL 448/721
2238 WMPV-20 Mobile, AL 446/718
2238 WHLT-22 Hattiesburg, MS 557/896
2300 WCJB-16 Gainesville, FL 207/333
2300 WFNA-25 Gulf Shores, AL 458/737
2300 WKRG-27 Mobile, AL 460/740
0050 WJHG-07 Panama City, FL 343/552
0050 WECP-LD-18 Panama City, FL 343/552
0050 WDHN-21 Dothan, AL 384/619
0050 WFSG-38 Panama City, FL 360/579
0115 WIIQ-19 Demopolis, AL 539/868
0140 WFSU-32 Tallahassee, FL 311/500
0140 WFBD-48 Destin, FL 424/683
subdecodes on 8,9,10,12,13,14,40,47

2/19 Tr

0000 WDOX-LD-24 Sebastian, FL 99/160 Test
patterns
0000 WWHB-CA-48a Stuart, FL 110/177 (t)
0100 WXEL-27 West Palm Beach, FL 101/163

2/26 Tr

0000 WALA-09 Mobile, AL 458/738 (t)
0000 WEAR-17 Pensacola, FL 448/721
0000 WECP-LD-18 Panama City, FL 343/552
0000 WMPV-20 Mobile, AL 446/718
0035 WTWC-40 Tallahassee, FL 312/502 Decoded
calls only
0035 WKRG-27 Mobile, AL 460/740
0200 WFBD-48 Destin, FL 424/683 (t)

3/1 Tr

2145 CMGQ-13a Matanzas, Cuba 149/239 (t) w/
baseball
2150 CM??-20a Pinar del Río, Cuba 309/497 (t)
"Canal Educativo 2"

Gulf tropo has been kind to me this month, offering two good openings. WHLT and WIIQ are my two farthest DTVs yet, and respectively the 2nd and 5th farthest TVs overall. WECP-LD broke my record for a low-power station (the old record was set in New York and held for seventeen years). Channel 9 has been taunting me for a while, showing a bar during strong openings but yet to decode anything. On 2/26 I was confident that it was peaking in the direction of Mobile and not Panama City (since I had WEAR and WECP-LD to compare it to), so

now I have something under channel 9 even if it's tentative. Channel 8 is the last one between 7-51 that remains empty in my logbook.

Last week I bought two more Insignia converter boxes on eBay, so now I'm able to monitor three channels at once. I'm also wiring the FM6 I got for FM DXing to see if it helps me with DTV e-skip. I have no DTVs on channels 2-6 around here to test the antenna with. I'm just crossing my fingers and hoping for better luck than last summer. 73s

Dennis Park Smith

3605 San Remo Dr
Santa Barbara, CA 93105-2523
Telephone (805) 687-7803
24-hour PST

This report is from February 12 through March 8, 2014—the last day before PDT.

It has been so DRY. But hey—for 5 days, Feb 26-Mar 2, we had RAIN here. Substantial. Actual real water coming down—we've seen pictures.

Feb-Mar temps were 60sF/apx15C, until Mar 6, 70sF/low 20sC. Mar 8 was 80F/27C. Ocean temp was steady 58F/14C until Feb 25, up to 60F/16C and still there.

Distances are approximate. So-Calif tropo ducting to San Diego/Tijuana/Tecate from 175 mi/280 km up to 220 mi/350 km SE:

Feb 10 - 25 Var. fair/poor Calm, warmish
Feb 26-Mar 5 None Unsettled, RAIN
Mar 6 - 8 Poor* Warming

*While conditions were poor at my place, they were better at Don Voegelé's place here, and with his bigger antennas. On Mar 7 at about 2230, he saw two low-power DTVs, at 175mi/280km. One was Univision rf 25 San Diego which we have seen on infrequent occasion (not sure of call), and new KSDY-LD rf 50 SDiego, Spanish & other subchs. Hopefully sometime I will see the new one.

Best of DX to All Dennis

PHOTO NEWS CONTINUED FROM PAGE 16



WKRG-27.2 Mobile, AL
460 mi Tr seen 2-17-14



WIIQ-19 Demopolis, AL
539 mi Tr seen 2-17-14

Ryan has a great website at www.egrabow.com/dx. I enjoyed watching his DX compilation videos that show date, station, and map info as they progress through the clips. Check it out!

73's, JEFF

DXing – The Early Years

Bob Cooper

TV DXing - the early years (1950 - 1955)

It might come as a surprise to you to learn that “TV DX” was neither considered a “waste of time” nor “silly” in the 1948 - 1955 period. For many, these were the Golden Years. With just 100 (107 to be precise, then 108, 109) TV stations on the air in the USA - all VHF and mostly low band - in 1948 - 1952, huge expanses of the country were 100-200-300-400 miles from the nearest TV transmitter. A typical article titled “How to get television DX” appeared over pages 28-29 in Radio Electronics for January 1949. The article pointed out that if you were within 250-300 miles of a TV station, and you spent some time (and money) installing a suitable (large and high were two key descriptive phrases) antenna, added one or two or five(!) “in series signal boosters” to the lead-in line - and didn't mind partial reception part of the time, then TV was for you. Photos with the how-to-do-it article show 90 feet (or more) of 2-3-4” diameter “gas pipe” welded together end to end, somehow with lots of good luck stood up straight with huge 32-64-128 element stacked antennas attached at the top, and then quickly tied down with guy wires to keep the monster from falling down on the next three houses in the same block. The “serious” people built rhombics - big rhombics that stretched over acres of land. R-E advised, “It is a good idea to do some experimenting when it comes to matching inputs; there is often a very great mismatch which results in poor energy transfer of a signal. A little trial-an-error may make a big difference with input signal. Get the antenna up as high as possible, preferably on a utility pole that is climbable or fabricated with a mast that can be lowered for adjustments. The antenna must be rotatable, either by hand (turning the pipe column with a wrench) or a motor.” In 1949, a great deal remained to be learned about the technology of antenna systems.

Here is a letter appearing in Radio Electronics for June 1949.

“I noticed a letter from Donald Smith of Northfield, Mass. about television dx reception at 100 miles. I am 150 miles from Louisville, 200 miles from Cincinnati and 240 miles from Atlanta and I get excellent reception from these cities about 50% of the time. I find that one good booster gives less snow and a clearer picture than two or three (boosters). It's proper matching of the antenna that does the job. Use of a shorting stub matched to a channel is better than adding boosters. (B. Waters, Oneida, Tenn.)”

Much has been speculated about “what quality of television people were willing to put up with” in that developmental era. What follows is typical - From Radio-Electronics January 1951:

“Maurice Dubreuil of Lavaltrire, Quebec uses a RCA630TS design receiver built from a Philmore kit. He has changed the 6AG5s for 6CB5s, operate the RF and IF (amplifier) stages at about 20% greater voltage than the kit specified. ‘And I have realigned the set so the video IF is only 2.5 mc/s (MHz) wide (the standard then was 4 mc/s - a narrower bandwidth improved the sensitivity - somewhat). Building and aligning the receiver was easy but the (signal) boosters were a headache. I have tried all commercial boosters that I could get my hands on, but could only get a little sound once in a while, so I started fooling with building some.

‘My first booster was a tuned-plate 6AK5 working into a 6J4 followed by nine (!!!) 6AK5s. It worked pretty well but gave a lot of noise (little wonder). The one I am using now has a 6J6 (triode) neutralised push-pull input feeding a pair of 6AK5s in push-pull. This works into a 6AK5 buffer which has no gain and then to two more 6J6 stages. Results with this booster are very good’ (but he still had a 6 tube booster; commercial models seldom had more than 1 tube).

“For antennas I use two double-stacked yagis cut for channel 4 and channel 5 (my boosters are good only on these channels), and a Vee-DX RD13A for all other channels. The antennas are on a tower 80 feet high and I intend to put up a 150 foot tower. With this equipment I get daily reception from WRGB channel 4 Schenectady and WSYR channel 5 Syracuse; both are more than 260 miles distant.” Not surprising, Dubreuil caught some sporadic E (all on channels 4 and 5 - no wonder with the single channel boosters) from throughout the mid west, south and one in particular - double hop 1,850 miler KOB-TV Albuquerque on channel 4.

Another Canadian, Grant Ross of Marathon, Ontario, was identified in the February 1955 R-E because he built a “large rhombic array on a 300 foot hill and ran 1,800 feet of (open wire) transmission line down to the valley location This enables him to get excellent signals from WBAY-2 at least 40% of the time. Poor or useless reception prevails only 20% of the time over the 300 mile path (Marathon is almost due north of Green Bay - the first half of the path would be over land, the last half over Lake Superior). The rhombic also serves him well when dx is coming through.”

Radio Electronics announced in November 1949 (p. 27), “Beginning with the next issue, RADIO-ELECTRONICS will publish reports of long distance TV reception.” True to their promise, December reports covering the just-passed summertime sporadic E season included a report from William A. Riaski of Guthrie Center, Nebraska using a “loop antenna” on a 60 foot pole claiming reception from Los Angeles (no channel mentioned - most likely W6XAO on channel 2) and he

noted, "I get good results five nights out of seven from Omaha, Nebraska channels 3 and 6, 85 miles, which are the nearest to me."

Deep fringe viewers like Dubreuil were a forgiving lot. Warmer weather months (May - October) always brought improved fringe conditions but when the weather cooled, especially inland away from the ocean areas or Great Lakes, reception went down hill rapidly. What might have been "5 nights out of 7" in June quickly became "once and a while". Radio Electronics warned service people in November 1952, "Viewers who have to rely on stations 50 miles or more away for their entertainment will find their picture quality deteriorating gradually during November ... many will be after their technicians to 'fix up my set so it works like it did last summer'. It may take some patience to convince these folks that everything is still working OK."

An advertisement appearing in Radio Electronics during 1949 in behalf of Telrex Inc. (Asbury Park, NJ) displayed a varied set of conical "V" beam antennas. The headline read:

"Telrex conical "V" beam antennas are performance proved. Up to 200 miles over land and up to 300 miles over all-water TV paths." The Telrex conical (an antenna design for which they held a patent) was available routinely with up to four vertical stacked antennas and its broadband nature covered channels 2 - 13. What it lacked in finesse it made up with a sizeable "capture area" (lots of aluminum hanging up there to catch the fleeting microvolts).

DXers of that period were subjected to the same human foibles as those of today. R-E reported Dan Samuels' disappointment when he proudly displayed 200 mile tropo reception from Washington, DC to a neighbor. The neighbor: "Kind of snowy, isn't it?" And there were non-believers. Stanley Penc of Utica, New York, later to become famous for his reception from Europe during the 1958-1959 F2 peak, was proud of his off-screen photo collection of DX stations. A neighbour called him a phoney and declared Stanley should find a better "hobby" than travelling around the United States taking snapshots of TV test patterns!

R-E wrote about "what is a (TV) DXer" in their January 1954 issue. "They are of all ages, of both sexes, and from varied walks of life; schoolboys 14 or 15, invalids bedridden or confined to wheelchairs, TV service technicians, doctors, housewives. Quite a few are hams and all seem to share that special blend of curiosity and enthusiasm that has made radio the fine hobby that it has been through the years." Recognise anyone you know in that description?

Not everyone lived on a hill or mountain top but DXer Louis Matullo of Washington, PA (south western Pennsylvania) did and his 2,956 foot height was clearly the best around for a several year stretch starting in 1952. Matullo, like Bob Seybold to follow, installed TV sets and aerials and thus he had more than a passing interest in reception. Louis "routinely" received 20+ stations on a daily basis from a 300 mile $\frac{3}{4}$ circle around his home and his record was 37 in one day (September 9, 1952). Apparently one direction was blocked for him - judging from his reception, our guess would be he was hemmed in to the E/NE). His station total at the end of 1952 was 53 including WENR-7 and WGN-9 Chicago at around 500 miles. By the end of 1953, Matullo had reached 95 stations, "virtually every VHF station within 500 miles including 29 high band VHF and 7 UHF."

South western Pennsylvania must have been a good spot to DX from in the early 50s. R-E reported TV DXer R.E. Dull living in Washington, DC had run up a total of 31 stations and then he took equipment with him into the mountains of SW Pennsylvania during July - August (1952) and picked up 49 stations from there. Maybe, as good as Matullo's 2,956' elevation was, there were some better nearby.

DXer Dorsey Akers, Charlestown, W. Va. was proud he had received every channel 2 station in North America save one - WFMY which also happened to be the nearest to him. Akers would briefly lead all TV DXers until his dial filled up with local stations in 1953 and beyond.

By October 1954, TV DX was, as R-E wrote, "becoming a major hobby." And some very capable people were showing up as real enthusiasts. October 1954 reported, "Who would believe that 156 different television stations could be identified in a single location? Yet that's the record of 16 year old Bedford Brown, Jr. of Hot Springs, Arkansas. In June 1954 alone he identified 114 stations, 84 of them by Sporadic-E DX. On a single day, June 7, Observer Brown logged 64 stations. Can anyone top this record?" Matullo had climbed to 134 while another consistent reporter, Fred Von Genten in Berne, Indiana had risen to 111, '91 of them photographed.' Von Genten caught 44 stations on June 24th while Roger Anderson in Madison, SD logged 29 on June 1. 1954 obviously had some sporadic-E bright moments.

Dorsey Akers of Charleston, W. Va. rose to the top of the TV DXer ladder in the end of year summary for 1954 (published February 1955). Akers had 202 stations identified. The January (February) 1955 R-E annual summary carried this report from Akers. He picked up Venezuelans YVKA on channels 2 and 5 at 5.12 and 6.18PM May 13. He also caught a station using the call letters CR5J on channel 2 with YVKA. This was one nobody ever worked out but decades later it would appear to have been Rio de Janeiro because of the Portuguese language present.

The impact of TV DX was showing up in major newspaper stories as well, such as the Buffalo Evening News (the B.E.N. of WBEN) which wrote about 50 TV DX fans in and around Buffalo calling themselves "The E Skippers." The group used the telephone as an alert system to advise

fellow DX enthusiasts when conditions were good. And now you know why Buffalo, New York/Kenmore et al have long been the "home" of serious TV DXing interest.

The March 1950 Radio-Electronics carried this report. "Mrs Renee Pannell, Allendale, Ill. (Allendale - cannot locate in my atlas) reports reception of WBAP-5 Fort Worth Texas and WATV Newark, NJ each of which were received several times." Her antenna was a Telrex but the unusual part here is WATV operated on channel 13 nearly 800 high-band miles away. The same issue reports Don Ossege, Toledo, Ohio "received KNBH-4 Los Angeles, California on September 11 using a high and low band folded dipole antenna with reflectors." And the unusual part here? Double hop sporadic-E in September?

More commonly, David C. Graves reported reception in Barnesville, Ohio of WMAL channel 7 Washington, DC (along with WTTG-5). RE for December 1950 reported F.J. Glaub of East Moline, Ill. receiving WHIO channel 13 Dayton and WKRC channel 11 Cincinnati September 5 (1950) over distances of around 370 miles using a Taco stacked dipole pointed at Chicago. E. Swanson of Rockford, Ill. reported WSPD Toledo on channel 13 on September 6 and 7 over a distance of 300 miles, using a four bay Radiart conical.

Other high band DX of note in 1950: L.A. Canning, Halifax to WJAR channel 11 Providence, RI (450 miles) on September 30; E. Gustafson in Keokuk, Iowa to WLAV channel 7 Grand Rapids, Michigan on September 21 (475 miles), WSPD channel 13 Toledo at the same time, and on September 22 WXEL channel 9 Cleveland at 600 miles (of interest - his receiving antenna was a channel 5 yagi!).

Radio Electronics commented several times during 1951 that because TV sets lacked sensitivity on high band, DX reports were few and far between. In September 1951, they wrote:

"The average TV installation is poor on channels 7 to 13. Pentode front ends (pentode was a 1930s developed tube type found in TV tuners) work well enough at low band but tend to be ineffective on channel 7 and up. Neutralised-triode or grounded-grid preamplifier stages and properly designed large antenna systems could work wonders in improving high-band reception."

By the January 1952 issue, RE was updating itself with, "New dual-triode front-end (tuner) designs effect as much as 10 dB improvement on signal to noise ratio for some 1952 receivers. By using high gain antennas and the latest tuners, we could be in for some high-band DXing surprises!" Radio-Electronics also assured us that Sporadic-E never would reach as high in frequency as high-band.

By January 1953, R-E was reporting more frequent high band results at DX distances. G. W. Lowther of Alexandria, Indiana had caught New York City's WJZ-7, WOR-9 and WPIX-11 at over 600 miles along with WJAC-13 (350 miles) and WNBF-12 Binghamton at 520 miles. A year later the increased receiver sensitivity and better aerials were starting to reveal patterns we still recognise today. For example, DXers Jerry Atkinson and Tommy Blalock in Tallahassee, Florida were finding reception from the (low band) Cubans on channels 2, 4, 6 and high-band 7 "during the warmer months." R.J. Walker in Daytona Beach poked across the Florida peninsula and the gulf to KGUL-11 Galveston (800+ miles). Others along the Gulf Coast were finding 200-450 mile reception occurred far more frequently than anyone expected. The S.S. Sabine's radio officer Gerald Proctor reported with a modest antenna on board they were routinely able to watch television over distances to 250 miles while plying the east and gulf coasts.

And there was the first of the "Don't read this if you are not a believer" reports of high band at great distance. Robert McGough of Milwaukee (that's in Wisconsin - not Oregon) reported KLAC-13 on June 12, 1952. R-E added to the report, "This exceeds by several hundred miles the best amateur or TV dx ever reported on frequencies above 100 mc. It can happen, though - 200 mc radar sets have picked up targets 1,700 miles distant!" The January 1954 annual TV DX summary included more of a similar nature. H.D. Haley of Estes Park, Colorado caught "a few minutes of sound and picture from KLAC-13 Los Angeles on December 13, 1952." Needless to point out - such a path is straight over the 13,000 foot + Rockies. And the by now "annual" Chicago/midwest region reception of high band from California: "Phil Rader of Indianapolis reports reception of KLAC-13 Los Angeles on July 2." Rader must have had some set-up - he also reported PRF-3 Sao Paulo, Brazil July 8 (he obviously was having a "good week"). Still in the high band department - Broadcasting Magazine reported reception of Seattle-Tacoma's KTNT-11 in McAllen, Texas but without any details.

The January 1955 (appearing in February that year) R-E summary mentioned some additional "Believe it or not" high band loggings. "Ernest J. Smith, Bennettsville, SC reports reception of KGGM-13, Albuquerque, NM at about 1,200 miles. Tommy Larkins, Clarkville, Tn. reports WATV-13 at 11.30PM on December 29, 1953 - 750 miles and at a season when high band DX is a rarity." To which we now add - and down the back of a very rough (Appalachian) mountain chain.

And then we have what was probably the first-ever-reported high band Es reception, although nobody seemed to catch what it was at the time. "Dorsey Akers of Charleston, W. Va. reports high-band reception from CMBF-7 Habana, Cuba." No dates or time mentioned; Akers had become something of a DX fanatic during 1954 and he topped the "most stations logged" list for that complete year. A second "possible" high-band Es report was from Albert Brant of Salem, Oregon

logging KFMB-8 San Diego at 950 miles - except it was during the month of October which is not normally a suitable month for dense Es.

Double hop

R. Budinger of Des Plaines, Ill. reported reception from KCRP-TV channel 4 San Francisco on July 10, 1950. The next year, E.R. Hall of Miami, Florida had a banner day on June 9 when he logged 26 TV stations (his local WTVJ plus 25 Es stations) including Mexico City and San Francisco - the first coast to coast reception report to appear in Radio Electronics.

Double hop across North America continued to be rare - even given the "wide open dial spaces" of the era (many fewer stations to create CCI). DXer Robert Royal of Red Bay, Alabama (on the Mississippi line E/NE of Tupelo) had a banner day on June 13 (1952) logging KRON-4 San Francisco, KING-5 Seattle, KSL-5 Salt Lake City, KPHO-5 Phoenix and KTLA-5 Los Angeles - all double hop. Radio Electronics reported no trans-continental Es the following year, 1953.

Radio-Electronics for several years rated TV Es by the number of reports per station. For example, in 1952 the station most reported was KPRC-2 (previously KLEE) Houston (114 reports). As the channel (frequency) went up, the number of reports for the various stations went down, significantly. Channel 3's best was KMTV Omaha (23), channel 4 was CMUR Habana (35), channel 5 was WBAP Fort Worth (25) while channel 6 was CMQ Habana (20). RE noted, "channel 2 accounted for 38% of the reports but had only 14% of the stations." There was one lucky not-to-be-repeated Es catch - somebody (not identified) caught Zenith's KS2XBS testing phone-vision service from Chicago on channel 2 (Zenith was the original holder of the channel 2 dial position there - quite foolishly they gave it up and donated the full station including transmitter to a school in Indiana). The May 1953 R-E noted about the 1952 Es season, "The 1952 (Es) DX season was one of the poorest on record for the TV DXer and (6 meter) hams." Over the course of 12 months, Es was reported to R-E on 98 days in 1952 whereas in 1953 that number jumped to 133 days. By 1953's tabulation (Radio-Electronics, January 1954) the scene had changed. New-to-air KFEL-2 Denver replaced KPRC with 129 DX reports (against Houston's 121; they had 114 in 1952). Other leaders by channel for that year were KMTV-3, WKY-4, WBAP-5 and CMQ-6. Of special interest - New York City's WCBS-2 moved from a meagre 24 in 1952 to 60 in 1953 - one explanation was their change from a transmitting antenna on the Chrysler Building to the Empire State building. 1953 also saw a fellow named Hank Ward in Ponca City, Oklahoma initiate "The TV DXer", the first example of a hobby publication in the field. Anyone have a copy of Hank's early efforts laying around?

In the February 1955 issue, Radio Electronics launched the "Over Fifty TV dx Club" to list, annually, those with more than 50 TV stations claimed. Dorsey W. Akers, Charleston, W. Va. led the first such list at 202 followed by Robert Seybold with 163 and Bedford Brown with 162. Fred Von Gunten's 154 included 126 photographed with call slides or test patterns and early leader Louis Matullo in the mountains of SW Pennsylvania claimed 146 (19 of which were UHF). A new DXing phrase appeared in 1955 - MS or meteor bursts. Bedford Brown was using the "new" technique to fill in between DX openings and had managed 11 stations via this mode. By the 1956 report covering 1955, Kingdon Shaefer of Buffalo was credited with logging 19 new-for-him stations using MS. R-E advised, "Turn your antenna in a suitable direction, put the TV set on a blank channel where a known station is operating and sit down to stare at the screen. As the average level of burst signals is low, effective work of this kind calls for a sensitive receiver, a quiet location, a large antenna and not a little patience."

The January 1956 annual report found Seybold had climbed to 259 stations to top the list ahead of Bedford Brown at 228. Bob had 28 UHFers which if subtracted from his 259 would put him at 231 - a virtual tie with Brown's 228 "VHF only". Bob also had climbed to 45 states and 6 countries against Brown's 42 and 9. It was a horse race. Akers in Charleston after his brilliant 1953-1954 period was feeling the effects of new local and semi-locals (channels 3, 7 and 9) and remained at 202 logged - the same as a year earlier. Matullo was now at 195 (of which his 35 UHF made him top dog in that department) but was being chased hard by Art Collins of the Buffalo group (175/28).

August 1956 R-E reported what everyone now accepted had to be high-band sporadic E. Richard Lowry of Temple, Texas caught XEQ-9 at 950 miles January 19 at 5PM local time during an intense Es opening into Mexico. In the years that followed, Lowry would add high band Es from Cuba on 7, 9, 11 and 13 in an opening which doesn't happen every year (or decade - perhaps century!).

Radio-Electronics published (October 1951, p. 31) a copy of a letter to DXer L.A. Canning in Halifax, Nova Scotia dated 3 July 1952, verifying as correct Canning's report of PRF-3 TV from Sao Paulo, Brazil on June 11 of that year. The station wrote, "What you heard is fully confirmed by our records and is checking perfectly with our transmission of the date." They closed with, "We usually reach 90 miles easily", this distance was closer to 5,000. Another DXer, Frank Jordan of Grand Rapids, Michigan also reported reception of PRF-3 the same date and time - a fact not remembered by most.

Another "where-did-this-come-from?" logging was reported by Donald Middleton, Sanford, Florida; "LVD Buenos Aires, Argentina on July 8, 1953 between 5 and 6.15PM."

1954 was a banner year for long haul TV DX. R-E reported (January 1955): "PRF-3 Sao Paulo, Brazil takes the prize among the South Americans. The station has been reported before but never so often or as widely as in 1954. If you can recognise the difference between Spanish and Portuguese, watch any Latin-American opening closely. This enabled G.P.Oberto (a Portuguese name if ever there was one) of Richmond, Va. to dig out PRF-3 on May 17 at 7.30PM and May 20 at 7.05PM. Bob Seybold (the first time his name appeared in R-E) Dunkirk, NY also caught PRF-3 on May 17th and again on June 17. Ronn deNeuf Ithaca, NY also picked it up on May 20 around 7.30PM. Fred L. Hall, Wichita, Kansas saw PRF-3 back on September 10, 1952 but had not reported it previously. What is probably a world tv dx record was the achievement of Bob Cooper who reports 16 minutes of PRG-2 Rio de Janiero, Brazil at 11.47 (PST) -a distance of more than 6,600 miles from his DX location in Lafayette, California."

By 1954 DXers were popping up in some mighty strange places - hundreds of miles from the nearest TV stations. Harold Glick at Yellowknife, NWT was one of these - with (wire) "V" beam antennas (half of a rhombic) Glick was tuning in KOOK-2 Billings and Seattle's channels 4 and 5 with some regularity.

UHF

The first UHF commercial operations began in (September) 1952. In reaction to the launch of a new band of service, R-E in April 1953 posed the question - "Who will be the first to send in a u.h.f dx report?" They then proceeded to pre-answer their own question in the May (1953) issue. "Most of our u.h.f. converters and receivers are none too good and some of the stations are (will be) operating on temporary low power. If you see signs of life on channels 7 to 13, be sure to watch the u.h.f. channels." The answer would come in the September 1953 issue. DXer R.J. Walker at Daytona Beach, Florida using a 160 foot long rhombic 55 feet above ground logged WCOS-25 from Columbia, SC over a 300 mile all-water path on several occasions. UHF "tricks" were still to be learned. For example, the TV viewer in Ames, Iowa who caught then-new WKNB-30 New Britain, Connecticut from Ames, Iowa - 1,100 miles- shortly after noon on July 11th. The viewer was so excited he called the station and accurately described the station's test pattern in detail. R-E editorialised, "Can anyone explain it? We obviously have a few things to learn, yet!"

R-E for March 1954 reported what may have been the first and only-ever UHF meteor scatter logging. It was R.J. Walker in Daytona Beach again with his large rhombic. At 2.55PM on December 13th, Walker caught a ten second flash from KTSM-36 in St Louis, Missouri, 850 miles. Thank God for all of those test patterns and large easy to read call letters of that era. And that must have been one heck of a rock that slammed through the ionosphere!

The number of UHF stations on the air by mid-1955 was starting to make UHF "the DX place to be." J.W. Collier in Arlington, Virginia caught 11 UHF stations in a tropo session late in April (20th) out to WWOR-14 at 385 miles from a typical suburban location - unlike Matullo on a 3,000 foot mountain.

The 1954 annual survey published in February 1955 reported, "Seybold, Dunkirk, New York has 10 u.h.f. stations more than 200 miles distant with WEEK-43 Peoria, Ill at 480 miles and WWOR-14 Worcester, Mass 350 miles his best west and east." Bob was using stacked corner reflectors 70 feet above ground at the time and he had a total of 19 UHFers. The best UHF station total belonged to one Art Collins of Buffalo, New York with 26. Seybold would pass him at 27 by the July issue of R-E.

The UHF record extended to 750 miles when Bob Weems of State College, Mississippi found WGBS-23 Miami over the period April 13-14 (1955). Many others in the south found UHF out to 500 miles pounding through during the same Gulf coastal tropo session.

Errata

And finally there is the "famous" story of how TV DX provided a family in Kansas with a new puppy. Here is the Radio Electronics report (November 1950):

"Roy Neal, conductor of a daily show on (Philadelphia's channel 3) WPTZ offered a puppy to the person who wrote in the best letter on why he would give it a good home. Two days later Neal got a reply from Mrs. Arthur Pearce of Gardner, Kansas, 35 miles from Kansas City. She had seen the show and wrote that she needed a pup to replace one that had been recently killed on their farm. The Pennsylvania SPCA, who sponsored the give-away, immediately got in touch with SPCA authorities in Kansas who saw to it that the Pearce family got a pup." And this memorable tag line appearing on the WPTZ press release recounting the event:

"WPTZ claims no regular audience in Gardner, Kansas."

...

(Preceding material is from a 'draft' segment of a book under way. Bob Cooper)

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