

The Worldwide TV-FM DX Association

Serving the VHF-UHF Enthusiast



VHF-UHF DIGEST

E-ZINE VERSION

JUNE 2002

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. The WTFDA is governed by a board of directors: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK AND MIKE BUGAJ.

WHEN IS YOUR MEMBERSHIP UP?

If your name is here, this is your last issue unless you re-up.

June

Frank Aden	Mike Lapinski	Tim McVey
David Austin	Fred Laun	Keith McGinnis
Jim Ayers	JefF Lockwood	Mike Femyer
Charles Bernth	Stephen Ponder	Dave Hanson
Mike DeRoos	Al Tobia	Jacob Norlund
Bill Burrows	Stan Weisbeck	Guy Falsetti
Bill Eckberg	Bob Seybold	Niel Wolfish
Jim Paige	Dave Bright	Paul Mount
Mike Hawk	Tim Cronin	Rick Lewis
Jeff Kruszka	John Marx	

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If you have a computer, hang out at the place where many of your fellow Dxers reside. That place is the WTFDA list at Topica.com. Want to know when E-skip up? You'll find out. The Topica list takes out the guesswork. Subscribe now by sending an email to WTFDA-subscribe@topica.com. Your logbook will love you for it! Have a great skip season!



Ever wonder if there are any other club members in your particular state? Find out this month as we present the complete WTFDA membership list, accurate to May 15th. Saul Chernos returns again with another edition of WTFDA Online and Bob Cooper writes about the early days of TV Dxing. This and all the usual columns plus a return of E skip should make for some good reading. Enjoy!

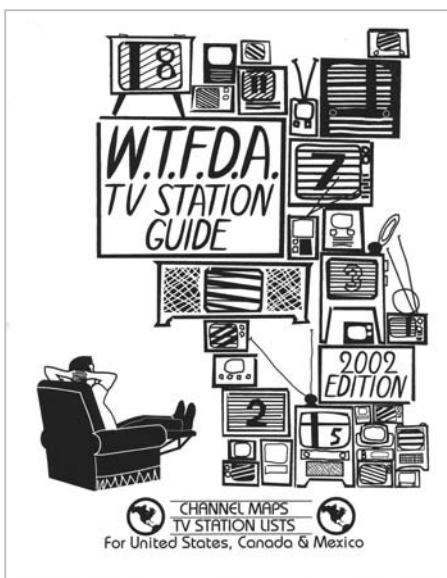
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The Mailbox

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MIKE BUGAJ MBUGAJ@SNET.NET

JUNE 2002 HOUSTON, WE HAVE LIFT-OFF!

Got skip yet? I hope so. We had our first Es opening here in New England on May 18th. It was an evening opening beginning around 8pm and finally dying out on channel 2 around 11pm. And the nicest part of it (for me, anyway) was that it hit the high end of the FM band. Right after that opening, skip began to take off. FM skip was noted here in New England on the evening of the 21st and then *twice* on the 22nd with midday and evening openings! Much of North America got in on the Es. TV skip was noted from Sarasota to Las Vegas and from Vancouver to Boston. Southern Dxers have had their share of Mexican Es and there were a couple of reports on the 25th of Es into Mexico again from the guys down south. Well, it looks like we are into skip season now, so keep watching the WTFDA list for alerts, keep your TV set to ch2 or ch3 and keep a sharp lookout. This season could be *good!*

NEW MEMBERS

We have **five** new WTFDA members this time around. We welcome **Michael Gengler**, Cromwell, CT, **Mike Roth**, Morris, CT, **John Sullivan**, Schiller Park, IL, **Steve Naetzker**, Fontana, CA and **William C. Walker** from West Hartford, CT into the WTFDA. I've had the pleasure of meeting both Mike and William recently. Mike is in the same line of work as I am, only that he works for Xerox and I don't. William is into TV Dxing and was a WTFDA member some years ago. Welcome everyone!

RENEWALS, MEMBERS AND MORE

It's June, so we have plenty of renewals. Here goes: **Frank Drobny**(PA), **Bill Draeb**(WI), **Doug Gault**(ON), **Clay Autery**(CA), **John Vervoort**(NY), **David Shapiro**(AR), **James Ivil**(WV), **James Gill**(FL), **Ben Cox**(IA), **Larry Weisberg**(NH), **Neil Griffin**(GA), **Dan Oetting**(MD), **Jerry Bond**(NY), **Rod O'Connor**(ME), **Mike Reid**(ON), **Duane Donovan**(SC), **James Montgomery**(IN), **Owen (Pat) Wood**(NY), **Edward Ritchie**(WI), **William Thompson**(MD), **Bil Hepburne**(ON), **Fred Nordquist**(NY), **Timothy Johnson**(NM) and **Keith Smith**(MI). Thanks for staying with us another year!

Well, what a motley crew we have here. **Clay Autery** has been ordered by his wife to finish the home theatre project he's been putting off for months, so Dxing has to take a back seat for now until that's finished. Good move, though. Let the wife watch movies and you do the Dxing instead! **Neil Griffin** just returned to the fold. He's been busy studying for his degree and forgot to renew. I take it that **Mike Reid** thinks the red renewal stamp I'm using might be a bit "over the top", so to speak. Sorry Mike, I didn't single you out for the dreaded *Please Renew* stamp. I just need to find something to get people's attention and this just might be the thing to do it. If you don't know what I'm talking about, wait until your membership is ready to end and you will.

You might also be wondering why we have so many new members from CT this month. No, I have not been out cold-calling and recruiting on the streets. Honestly, I can't answer that, but I will say that Bill Nollman and myself are happy to have the company. More makes it merrier.

John Sullivan writes "I'm looking forward to receiving the May issue. I used to subscribe in the eighties when I lived in Montclair, CA. I reported to Western TV-DX once or twice with a few eskip receptions with rabbit ears. I lived in California from 7/84 to 7/89. The rest of my life has been spent in Schiller Park. I'm 37 now.

I really enjoyed TV Dxing when I was a kid in the 70s. I thought I was the only one who enjoyed watching distant stations. My friends and family thought it was strange that I liked watching snowy South Bend channels.

In 1993 I bought my own home and purchased a C band satellite, which I still have. During that time I lost interest in TV Dxing. I guess I was having so much fun playing with that.

Recently I started remembering how much fun it was TV Dxing and just wanted to do it again. I fear that ten years from now it may be impossible to tune in a snowy UHF station from

far away with technology changing the hobby to digital only.

Everyone is very friendly in this club. I'm glad I'm a member again. Hopefully I can get some antennas up and start sending in some reports."

Bob Seaman writes "I received the May VUD on Thursday and it looks great (Thanks-M.) I did see a typo on that info I sent you about the station that carries the Philadelphia Phillies games. It is WPSG channel 57. In the VUD it is listed as Ch17." (Oh darn, probably a typo on my part -Mike)

Danny Oglethorpe posts on the WTFDA list "While I was in my yard Thursday, a man who looked like he had been receiving senior-citizen-discounts for many years drove up in my driveway. When I walked over to his car he asked me if I sold antennas. I replied, "No. I use antennas but I don't sell them." Then he commented "You sure do have a lot of big antennas. What are they for?" I answered "They are TV antennas." His next question was "Do you get many stations?" "Just a few", I said. By now I'm sure you can guess his next question was "Why do you have so many?" After explaining about Dxing and propagation as briefly as I could, he informed me that he needed to buy a new TV antenna. I advised him to go to Radio Shack. "

WINEGARD PULLS A QUICKIE!

Rich Wertman writes "Remember about 6 months ago I told you all of how Winegard discontinued the Chromstar line and came out with the new HD line to replace them? Well, the heads must have rolled at Winegard for that move! It appears as if a lot of existing Winegard distributors dropped Winegard like a hot potato when Winegard dropped the Chromstar line. Everyone was quite upset when Winegard tried to push the new HD line, which in all honesty was not built much better than their Prostar line. Although Prostar is a decent antenna, the HD series did not meet the quality of the Chromstar and Winegard decided to keep the old Chromstar pricing. Well, heads rolled when numerous sales were lost to Cometic/Delhi, so Winegard killed the HD series in favor of the new HD Platinum line. Winegard has proposed to build these heavier and bring back many of the Chromstar features. We'll have to wait and see. These won't be ready until approximately July. Oh, they also decided to raise the price on the new HD Platinum to more than the Chromstar line. In distributors' and dealers' perspectives, all these recent changes have cost Winegard dearly.

WHAT A LONG STRANGE TRIP IT'S BEEN

Do you realize that it has now been a year since Bill Thompson resigned as VUD publisher? That's right. Paul Swearingen published the June 2001 VUD and I picked up with the September VUD. My how time flies. With the June 2001 VUD we entered a new era in VUD publishing. Column editors no longer mail hard copies of their columns to the publisher. It's all done by email now. Everything goes into the publisher's computer, where it is diced and sliced and recombined to form a VUD. Then originals are printed on a laser printer and delivered to the printer where he prints the VUDs. What this means to you is that many times you'll be reading information that is less than two weeks old. What this means to me is that for three weeks out of the month I don't have to think about publishing. I hope you are pleased how the last few VUDs have turned out and as usual I'm always willing to listen to your praise, complaints and comments.

The newest addition to the VUD is the electronic VUD, or the eVUD. With all the VUD columns in the publisher's computer, it's just a short hop to the creation of an electronic VHF-UHF Digest. The "look" of the eVUD gelled in January. The eVUD contains all the same information as the VUD. Everything is identical except for the first page. The eVUD has no cover. It starts with page two. It has been redesigned a bit to become a first page, but all the info in the paper VUD is there, and in all the right places.

If you want it in addition to the paper VUD, you can have it. You will need Adobe Reader to read it. There is no extra charge. Just send me an email and tell me you want it. Every month I'll tell you where you can go to download it. It does not get sent to your email.

What's the draw? Color graphics, Photo News pics in color. Lots of color. And it never gets to go through mail sorting machines. And it 's faster than mail.

As you know, the paper VUD is here to stay. But if you have a computer, you can also now read and print the VUD in color on your printer. That's Technology Update for this month -Mike

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Abbreviations:

AF	Applied for (a new station)	PR	Power (or tower height) change requested
CC	Call change	QC	Channel change on the air
CL	City-of-license change	QG	Channel change granted
DE	Station deleted	QR	Channel change requested
FC	Programming (format) change	ROA	Request of applicant
LC	License to cover (for changes or new station)	SI	Off the air ("silent")
NO	Not on the air	XC	Transmitter site change on the air
NS	New station granted permit	XG	Transmitter site change granted
NW	New station on the air	•	999 watts
PC	Power (or tower height) change on the air		
PG	Power (or tower height) change granted		

DTV stations *in italics*.

News:

Alaska:

Delta Junction	K13KU	13	PG>2.68kw
Fairbanks	KDMD-LP	32	QC from ch. 18
Juneau	K15FZ	15	NS 20kw, (TBN) 581805/1342625
Juneau	K21GH	21	NS 20kw, (TBN) 581805/1342625
Nome	K24FQ	24	NS 150kw, 643007/1652426
Palmer	KYEP-LP	12	CC from K120W

Alabama:

Birmingham	W24CM	24	QG from W27CM, 3.5kw
Carrollton	W20CA	20	NS 10kw, 331807/880922
Carrollton	W51DE	51	NS 10kw, 331807/880922
Demopolis	WJMY-LP	25	QG from ch. 28, 150kw, 325240/873653
Montgomery	new	13	AF full-power non-commercial station
Montgomery	WAIQ	26	PR *dismissed* unknown reason
Selma	WAKA-DT	55	XG 86-46-51W

Arkansas:

Eureka Sprs.	KNJE-LP	58	PG>150kw
Fort Smith	KFSM-DT	18	PR>1000kw/285m, 354949/940924
Harrison	K08NG	8	NS 3kw, 361040/931240
Harrison	KWBM	31	PC<1450kw/271m, 362611/931443

Arizona:

Green Valley	KXGR-DT	47	PG 660kw/1095m
Holbrook	KPHZ	11	FC to Telemundo
Holbrook	KPHZ-DT	11	PG>160kw/305m, 342320/1110324
Holbrook	K50HD	50	NS 5kw, 355505/1100825
Phoenix	K18GH	18	QG from K49DF; 8.06kw
Phoenix	KPSW-LP	41	FC to Telemundo // KPHZ-11
Phoenix	KPHZ-LP	58	FC to Telemundo // KPHZ-11
Phoenix	KTVLP-LP	64	QC from ch. 56, 45kw, 331958/1120359

Arizona:

Phoenix	KTVLP-LP	64	QC from ch. 56, 45kw, 331958/1120359
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Prescott **KAZT-TV 7** **CC from KUSK**
Tolleso n **KPPX-DT 52** **PG<200kw**

California:

Bakersfield	KAZB-CA	19	PG<7.3kw
Bishop	K39GE	39	NS 1kw, 372147/1182426
Hesperia	KSCI2	18	NS 5.5kw, 342108/1174027
Lancaster	KTRO-LP	50	CC from K50GI
Long Beach	KSCI-DT	61	PC<148kw/948m, 341337/1180358
Los Angeles	KSMV-LP	33	PG>22.8kw
Modesto	KEXT-CA	27	PG>90kw
Monterey	KION-DT	32	PR>500kw/748m
Morongo Valley	K21GI	21	QG from K60AY
Morongo Valley	K30GU	30	QG from K64AU
Oroville	K15CX	15	PG>21.9kw, 392746/1213449; CL from Chico
Paradise	KCVU-DT	20	NS 661kw/448m
Red Bluff	KMCA-LP	49	PG 810w
Sacramento	KMMK-LP	14	PC<1.1kw, 383749/1205120
Sacramento	K69FB	69	PG>85.3kw
Salinas	KSBW	8	PC>224kw/750m, 364523/1213005
San Diego	KPBS	15	PC>3310kw/572m, 324153/1165603
San Francisco	KTSF-DT	27	AF 220kw/400m (aux. backup)
San Martin	K52BY	43	QR from ch. 52, 15.4kw, 364522/1213006
Santa Barbara	K26FT	26	QC from ch. 61, 340w
Santa Barbara	KPMR	38	PC>2690kw/877m, 343132/1195728
Santa Barbara	KBAB-LP	51	QG from ch. 38, 3.57kw, 342758/1194037
Santa Clara	KAXT-CA	22	PR>56kw
Stockton	KOVR-DT	25	PC>1000kw

Colorado:

Alamosa	K33GY	33	NS 5kw, 372810/1055149
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Colorado:

Bayfield	K46FM	65	FC to KOB-4, NBC
Colorado Sprs.	K30AA	30	PG>10kw, already on the air

Cortez	K14JS	14	PC>920w, 372101/1080801	Coeur d'Alene	KCDT	26	PR<12.1kw, directional
Cortez	K18DR	18	PC>920w, 372101/1080801	<i>Coeur d'Alene</i>	<i>KCDT-DT</i>	<i>45</i>	<i>PR>38kw/465m, directional</i>
Cortez	K22CU	22	PC>920w, 372101/1080801	<i>Nampa</i>	<i>KIVI-DT</i>	<i>24</i>	<i>PG>98.7kw</i>
Redcliff	K28HI	28	QG from K19CB, 30w, 393357/1060317	Illinois:			
Romeo	K45GD	45	QC from ch. 67, 1kw	Chicago	WFBT-CA	23	PC>19.6kw
Walsenburg	KSPK-LP	28	CC from K28HN	<i>Chicago</i>	<i>WTTW-DT</i>	<i>47</i>	<i>PC>300kw</i>
				Palatine	W36AO	48	QR from ch. 36 *dismissed* ROA
				Peoria	WEEK-TV	25	PC<216m
Connecticut:				Quincy	W65CZ	22	QR from ch. 65, 100kw, 413226/880208, CL to Joliet, IL
<i>New Haven</i>	<i>WEDY-DT</i>	<i>6</i>	<i>QG from ch. 39, 400w/88m. PR 100kw/333m on ch. 39 dismissed.</i>	Quincy	W48CO	48	PR *dismissed* ROA
<i>New Haven</i>	<i>WCTX-DT</i>	<i>39</i>	<i>QG from ch. 6, 100kw/333m</i>	Rockford	W25CL	25	QC from ch. 62, 3.5kw
Delaware:				Indiana:			
Wilmington	WTSD-CA	14	CC from WXHL-LP	Coalmont	W18CX	18	NS 30kw, 391303/872235
Wilmington	WPPX	31	QR from ch. 61, 800kw/374m, 400230/751411	<i>Evansville</i>	<i>WFIE-DT</i>	<i>46</i>	<i>PG>310m</i>
				<i>Salem</i>	<i>WFTE-DT</i>	<i>51</i>	<i>AF 1000kw/390m</i>
				Vigo	W54DF	54	NS 25kw, 391303/872235
Florida:				Wolcott	W43CD	43	NS 150kw, 404531/870239
<i>Boca Raton</i>	<i>WPPB-DT</i>	<i>40</i>	<i>PR>2000kw *dismissed*</i>	Kansas:			
Gainesville	WYPN-CA	45	QG from ch. 14, 30kw, 293209/821918	<i>Wichita</i>	<i>KWCV-DT</i>	<i>31</i>	<i>NW 1000kw/345m</i>
<i>Jacksonville</i>	<i>WAWS-DT</i>	<i>32</i>	<i>PG>291m</i>	Kentucky:			
<i>Jacksonville</i>	<i>WTEV</i>	<i>47</i>	<i>FC to CBS</i>	<i>Ashland</i>	<i>WKAS-DT</i>	<i>26</i>	<i>NW 61.3kw/137m</i>
Key West	W31AB	31	PG>4kw, 243318/814807	<i>Covington</i>	<i>WCVN-DT</i>	<i>24</i>	<i>NW 53.5kw/117m</i>
Key West	W44AC	44	PG>3.9kw, 243318/814707	<i>Elizabethtown</i>	<i>WKZT-DT</i>	<i>43</i>	<i>NW 61kw/178m</i>
<i>Lake Worth</i>	<i>WPXP-DT</i>	<i>36</i>	<i>PR<385m</i>	<i>Lexington</i>	<i>WKLE-DT</i>	<i>42</i>	<i>NW 48kw/252m</i>
<i>Live Oak</i>	<i>WFXU</i>	<i>57</i>	<i>FC to UPN</i>	<i>Morehead</i>	<i>WKMR-DT</i>	<i>15</i>	<i>NW 51.4kw/289m</i>
Matecumbe	W59AJ	15	QR from ch. 59, 49kw, 275937/822446, CL to Orient City, FL	<i>Owenton</i>	<i>WKON-DT</i>	<i>44</i>	<i>NW 49.7kw/214m</i>
<i>Naples</i>	<i>WZVN-DT</i>	<i>41</i>	<i>PG>453m, 264921/814547</i>	<i>Somerset</i>	<i>WKSO-DT</i>	<i>14</i>	<i>NW 53.3kw/429m</i>
<i>Naples</i>	<i>WTVK</i>	<i>46</i>	<i>PC>5000kw/456m, 264708/814740</i>	Louisiana:			
<i>Orange Park</i>	<i>WJXX-DT</i>	<i>10</i>	<i>NW, 12kw/297.5m, 301624/813313</i>	<i>Lafayette</i>	<i>KATC-DT</i>	<i>28</i>	<i>PG>1000kw/507m, 301919/921659</i>
Rock Harbor	W61AI	27	QR from ch. 61, 25kw, 274741/824006	<i>Lafayette</i>	<i>KLFY-DT</i>	<i>56</i>	<i>NW 1000kw/507m, 301919/921659</i>
<i>St. Petersburg</i>	<i>WTOG-DT</i>	<i>59</i>	<i>NW, 600kw/452m, 275052/821548</i>	<i>New Orleans</i>	<i>WGNO-DT</i>	<i>15</i>	<i>PR 870kw/309m</i>
<i>W. Palm Beach</i>	<i>WFLX-DT</i>	<i>28</i>	<i>NW, 630kw/458m</i>	<i>Shreveport</i>	<i>KSLA-DT</i>	<i>17</i>	<i>NW 175kw/518m</i>
				Shreveport	K42FE	42	XC 323031/934510
				<i>Slidell</i>	<i>WUPL-DT</i>	<i>24</i>	<i>PG>272m, 295511/900129</i>
Georgia:				West Monroe	K17FV	17	PG 21kw, 323007/920735
Dalton	WDGA-LP	49	QC from ch. 47	Winnfield	K16FH	16	NS 14kw, 315239/923511
<i>Macon</i>	<i>WMAZ-DT</i>	<i>4</i>	<i>QR from ch. 45, 14kw/181m</i>	Massachusetts:			
Macon	WDMA-LP	18	QG from ch. 32, 50kw, 325017/833107	Boston	WCVB-TV	5	PC<61.7kw/353m; NW 60.3kw/228m aux. backup
<i>Savannah</i>	<i>WTOC-DT</i>	<i>15</i>	<i>PG<422kw/420m, already on air</i>	Boston	WGBX-TV	44	PC 1100kw/374m
				<i>Norwell</i>	<i>WWDP-DT</i>	<i>52</i>	<i>PR>1000kw/144m, 420038/710242</i>
Hawaii:				Massachusetts:			
<i>Kaneohe</i>	<i>KPXO</i>	<i>41</i>	<i>PR<80kw</i>	<i>Worcester</i>	<i>WYDN-DT</i>	<i>47</i>	<i>PG 365kw/217m, 421827/711327</i>
Iowa:				Maryland:			
Des Moines	WBXF-CA	4	PR>750w	Baltimore	WBFF	45	PR>1765kw/382m
Iowa:				<i>Baltimore</i>	<i>WBFF-DT</i>	<i>46</i>	<i>PR 550kw/368m</i>
Rock Rapids	K52HX	52	QG from ch. 25, 13.2kw, 432245/961147	<i>Baltimore</i>	<i>WBAL-DT</i>	<i>59</i>	<i>PR<513kw/312m; already on air</i>
Sibley	K68GH	68	QG from ch. 33, 18.7kw, 432412/954006	Ocean City	W35BU	35	NS 4.5kw, (TBN) 381815/751215
<i>Waterloo</i>	<i>KWWL-DT</i>	<i>55</i>	<i>PC<194kw/527m, reported NW</i>	Maine:			
Idaho:				Enfield	W55CY	55	NS * 451311/683046
Bonnars Ferry	K27HA	27	NS 21kw, (3Abn) 483637/1161524	<i>Presque Isle</i>	<i>WAGM-DT</i>	<i>16</i>	<i>PG 3kw/333m</i>

Michigan:

Alpena **WBKB-DT 13** NS 20kw/202m,
444211/833126

Cadillac **WFQX-DT 47** NS 1000kw/296m

Flint **WJRT-DT 36** NW 860kw/248m,
431349/840332

Houghton W15CE 15 NS 10kw, (TBN)
470606/883411

Houghton W20CE 20 NS 10kw, (TBN)
470606/883411

Houghton W27CQ 27 NS 10kw, (TBN)
470606/883411

Ishpeming **WBUP 10** PR<294m,
462110/875115

Lansing **WLNS-TV 6** XC 424119/842235

Lansing **WLAJ-DT 51** NS 900kw/299m,
422513/843125

Lansing **WLNS-DT 59** NW 1000kw/288m,
424119/842235

Mount Clemens **WADL-DT 39** PG>1000kw

Mount Pleasant **W44BQ 44** PG<240w,
434156/844611, CL to
Grand Rapids

Mount Pleasant **WCMU-DT 56** NS 400kw/299m,
434511/851240

Pinconning **W44BO 44** PG<250w,
435046/840532, CL to
Alpena

Minnesota:

Duluth **WDSE-TV 8** PC>295m,
non-directional

Frost **K36FI 36** QC from ch. 33,
1.51kw

Grand Rapids **W25CZ 25** NS 10kw, (TBN)
471517/932603

Grand Marais **K65BJ 65** QG from ch. 27,
500w, 474604/902047

Grand Marais **K67CT 67** PG>3.85kw,
474604/902047

Middle River **K25HN 25** NS 900w, (3Abn)
482650/963129

Park Rapids **K32FY 32** QC from K24CV,
13.9kw, 465551/950027

St. Paul **KSTP-TV 5** PC>451m

Virginia **K49GG 49** NS 28kw, (TBN)
472925/921328 Walker

K67BZ 67 PG>670w,
470536/943447

Walker **K69CP 69** PG>670w,
470536/943447

Missouri:

Cape Girardeau **KFVS-DT 57** NW 246kw/564m
361407/814220

Brevard **W59AR 68** QC from ch. 59

Burnsville **W67DV 67** QC from ch. 27,
790w

Greensboro **WFMY-TV 2** PC<551m

Greensboro **WUPN-DT 33** NW 700kw/575m,
355203/794926

Kannapolis **WAXN-DT 50** NW 50kw/348m

Lumberton **WUNU-DT 25** NW 113kw/294m

Roanoke Rapids **WUNP-DT 39** NW 57.6kw/338m

Winston-Salem **WUNL-DT 32** PG>570kw

North Dakota:

Bismarck **KBME-DT 22** NW 97.3kw/392m,
463523/1004802

Bismarck **KXMB-DT 23** PG<90kw/392m

Columbus **K54ID 54** NS *
484632/1024533

Fargo **KVNJ-LP 33** QR from ch. 2,
150kw

Fortuna **K53HQ 53** NS *
484903/1034635

Minot **K34GH 34** NS 4.45kw,
481256/1011907

Mohall **K56HX 56** NS *
484555/1014147

Chillicothe **K49GS 49** NS 1kw,
394909/933253

Joplin **K52FC 17** QR from ch. 52,
150kw, 374502/971813, CL
to Wichita, KS

Missouri:

Kansas City **KMBC-DT 7** NW, 85kw/357m

Neosho **KCLG-CA 47** CC from KJPX-LP;
CL from Joplin

Mississippi:

Grenada **W30BY 30** QC from ch. 25,
5.6kw

Grenada **W25BA 59** QR from ch. 25
dismissed ROA

Laurel **WDAM-DT 28** NW 79kw/128m

Mississippi State **WMAB-DT 10** QG from ch. 38,
4.3kw/349m,
332114/890900

Natchez **WNTZ 48** PR>5000kw/549m,
315233/905435

Natchez **WNTZ-DT 49** PR<790kw/549m,
315233/905435

Pascagoula **W07DG 7** NS 100w,
302259/883145

Montana:

Big Sky **K48HN 48** NS 50kw,
452221/1114338

Bozeman **K34FI 34** PR<260w,
454146/1110143

Bozeman **K44GE 44** PR<210w,
463537/1115905, CL to
Helena

Brockton **K58HJ 58** NS *
482303/1045432

Glasgow **K39GF 39** NS 1.02kw,
480144/1061906

Glasgow **K58HK 58** NS *
481057/1064101

Hinsdale **K42FP 42** NS 1.03kw,
482156/1065846

Kalispell **KMMF-LP 34** CC from KESI-LP;
FC to Fox // KMMF-17?

Malta **K58HI 58** NS *
481810/1075123

Plentywood **K46GS 46** NS 1kw,
484135/1043544

Wolf Point **K25HO 25** NS 840w,
480206/1053112

North Carolina:

Boone **W65DT 65** QC from
ch. 27, 690w,

North Dakota:

Parshall **K55JO 55** NS *
475822/1020753

Nebraska:

Cambridge **K30FV 30** QC from ch. 25,
10.7kw

Kearney **KHGI-DT 36** PG>865kw/314m

Lincoln **KOLN-DT 25** PR<403m,
directional; already granted

Neligh **K53GC 53** QC from K28AP,
10.8kw

O'Neill **K43FX 43** QC from ch. 34,
5.9kw

Omaha **KKAZ-CA 24** QG from ch. 18,
12.3kw, 411526/955901

New Hampshire:

Colebrook **W26CQ 26** NS 10kw,
445350/713246 (WMTW-8,
ABC)

Hampton Falls **WHDN-LP 26** CC from W26CM

New Jersey:

New Brunswick **W36AS 39** QR from ch. 36,
10kw, 402845/742828

New Mexico:

			501919/1224738 (Discovery)	Eastend	CJFB-1	2	deleted?
Pemberton	new	28	NS 5w, 501919/1224738 (CIVT [32], CTV)	Riverhurst	CBKT-5	10	CC from CJFB-TV-3
Pemberton	new	30	NS 5w, (TBS) 501919/1224738	Swift Current Val Marie	CBKT-4 CJFB-2	5 2	CC from CJFB-TV deleted?

Saskatchewan:

The Saskatchewan changes are the result of CJFB-TV surrendering its license for cancellation. CJFB had been a CBC affiliate. Rather than leave the area without CBC coverage, the CBC is taking over CJFB and its translator at Riverhurst; they will become relayers of CBKT Regina. The new callsigns are assumed based on normal CRTC policy, but sometimes they surprise us. It really doesn't matter as you'll never see those callsigns on the air. CJFB-1 and CJFB-2 were not mentioned in the notice - I'm guessing they will be shut down. Both are 5 watts, so you won't miss them<grin>.

Lots of DTV activity this month, as you might imagine. 25 new DTVs applied for operating licenses, and Chip Kelley's <http://www.100000watts.com> reports 68 new stations on the air in the week after the May 1st deadline. Tom Yingling reports WUTB-DT 41 Baltimore on; Jim Ayers is seeing WPXA-DT 51 Rome, (Atlanta) Georgia ; Bob Langridge notes KPXR-DT 47 and KWWL-DT 55 in Cedar Rapids and Waterloo, Iowa respectively; and Dave Pomeroy saw KYTV-DT 44 Springfield, Missouri, carrying "UPN 15" (I think it's K15CZ) on a second virtual channel.

With the help of a nice tropo opening, I've now seen eleven DTVs. They include WPTY-DT 25, WREG-DT 28, WLMT-DT 31, and WPXX-DT 51 all Memphis; KFVS-DT 57 Cape Girardeau; and KTVI-DT 43 and KSDK-DT 35 St. Louis. I've had sync lock on WMC-DT 52 and WHSL-DT 47 (Memphis & E. St. Louis respectively); Jeff Kadet has IDd WHSL, and a co-worker who used to work there confirms WMC is on. WHBQ-DT 53 is also on the air but with a temporary 1.2kw transmitter and antenna only 65m high at the studio. All the PBS DTVs in Kentucky (except WKYU Bowling Green which doesn't belong to the state network, and WKMJ Louisville which is a second station in that city) are now on the air - however, they're running fairly low power.

Hundreds of stations didn't make the deadline though. Most have obtained six-month extensions. (You can read the letters stations submitted with their extension requests on the FCC website. They are quite interesting and often go into a fair bit of detail. And then again, a number of stations don't seem to have had a good reason at all!) PBS stations have another year to complete work.

Fernando Garcia and Danny Oglethorpe have more information on programming in northeastern Mexico. Danny saw an English-language program on XERV-9; Fernando confirms the station carries some English programs but is still mostly Spanish. On channel 54 in Matamoros and Reynosa, the day starts with a relay of the XHAW-12 newscast from 6 to 10am. XHSAW-64 "Teleritmo" is then carried until early afternoon. In early afternoon, the XHGC-5 network is picked up until 1am, then XHSAW relayed again overnight. XHNAT-45 Nuevo Laredo carries a similar schedule, except they carry the XEQ-9 network instead of XHGC, and they have a local music program at 7pm.

I have no idea what's up with the application for a 100kw non-commercial station on channel 13 at Montgomery, Alabama. I can't imagine it could be granted only 83 miles from WVTM-13 Birmingham. Out of space; good DX!

The NRC AM Radio Log, 22nd Edition,
including cross-referenced listings from 530-1700
khz., is compiled from both listeners' reports and
official sources, making it the most accurate
listing of U. S. and Canadian AM stations avail-
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NY 13661 (NY residents, please add sales tax).





John Zondlo
4009 Driftwood Circle
Yukon, OK 73099
SFM@fmdxweb.com
Deadline: 10th

For DXers in AL, AZ, AR, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, MO, NV,
NM, NC, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

June 2002

**Doug Smith – W9WI – 1385 Old Clarksville Pike – Pleasant View, TN 37146-8098 -
w9wi@w9wi.com - www.w9wi.com - CST/CDT**

Technics ST-G50 tuner, big Radio Shack VHF-TV antenna at 15'

3/21 Tr

0800 KOMB 107.3 OK Poteau, "Big Country 107-3" 420

4/10 Tr

0801 WAXM 93.5 VA Big Stone Gap, call ID, Norton VA ads, Virginia #1 on FM here 235

John Tudenham – W0JRP – 2824 Missouri – Joplin, MO 64804-2755 – CDT

4/30 Tr

0050 KKQY 101.9 KS Hill City, k, "Bull Y-102"

0057 KATP 101.9 TX Amarillo, "Amarillo's Cat Country"

0117 KSSA 105.9 KS Ingalls, Mexican

2335 KFXI 92.1 OK Marlow, "Fox 92"

2348 KVRO 98.1 OK Stillwater, o

5/1 Tr

0830 KEYI 103.5 TX San Marcos, o, mention of Austin

1007 KZMP 101.7 TX Axle, Mexican, ads

1056 KTCY 104.9 TX Pilot Point, Mexican ads mentioning Fort Worth & Dallas

The logging of KEYI was very unusual, as it was logged through local KWXD. KWXD is very weak now as they lost their tower a few months back in an ice storm. The last time I heard KEYI was in 1993 before KWXD hit the air. I have now logged 73 Texas stations from Joplin QTH, 66 on tropo and 7 on Es.

William McGuire – 2412 59th Pl. – Cheverly, MD 20785-2918 – CST/CDT

DX-398

2/25 Tr

2325 WIOQ 102.1 PA Philadelphia, local ads, "Q-102"

3/25 Tr

1940 WYPR 88.1 MD Baltimore, mx, NPR, ID

4/15 Tr

2018 WAYZ 104.7 MD Hagerstown, k, ID

2024 WCEM 106.3 MD Cambridge, local ad, "The Heat"

2027 WARX 106.9 MD Hagerstown, o, "Oldies 106.9"

2125 WLWV 105.5 MD Salisbury, "The Wave"

4/17 Tr

1932 WCEI 96.7 MD Easton, ID

4/18 Tr

1740 WXCY 103.7 MD Havre de Grace, ID, k

2008 WFAL 104.5 VA Falmouth, k, "Thunder 104.5"

2035 WWWV 97.5 VA Charlottesville, r, "3WV"

2204 WFRE 99.9 MD Frederick, k, ID

2225 WRAR 105.5 VA Tappahannock, AC, ID

4/19 Tr

2015 WTDR 107.1 MD Federalsburg, Delmarva Shorebirds bb, local ads, ID, "The Duck"

2025 WSTW 93.7 DE Wilmington, ID

2040 WTVR 98.1 VA Richmond, "Lite 98"

2050 WLCE 104.5 PA Philadelphia, "Alice 104.5"

2158 WOGL 98.1 PA Philadelphia, "Oldies 98.1"

2205 WZXL 100.7 NJ Wildwood, "ZXL," r

John Zondlo – 4009 Driftwood Circle – Yukon, OK 73099 – CDT
Akai AT-VO4 tuner, Stereo Probe 9 antenna, IF filters modified (110) – CDT – All new

4/24 Tr

1236 KRKU 98.5 NE McCook, r
0124 KBGL 106.9 KS Larned, calls, ad

5/4 Tr

2046 WMBU89.1 MS Forest, network sharathon
2048 WMBV91.9 AL Dixon Mills, network sharathon //WMBU
2135 WVIV 93.9 MS Pearl, big band show
2150 WDBT 95.5 MS Jackson, "The Beat"
2151 WUSJ 96.3 MS Jackson, "US-96.3"
2159 WMAW 88.1 MS Meridian, PRM, local WMSI nulled
2006 WRJH 97.7 MS Brandon, urban mx
2007 WJXN 100.9 MS Utica, //WRJH
2013 WQJQ 105.1 MS Kosciusko, "Q-105.1"

5/5 Tr

0121 KAYH 89.3 AR Fayetteville, "Family FM"
0126 KOYE 96.7 TX Frankston, SS



From the Editor

DXing is a funny hobby, isn't it? It was amazing, and in a way comforting, to see that Doug Smith finally logged his first one from Virginia. Now, one would think being so close it would be a slam dunk to get VA. But receiving conditions and lack of openings sure does enter into the mix. Makes me feel not so bad about never having heard anything from New England, or from El Paso. El Paso is the only metro in Texas I've never logged, but along with the distance there are mountains and desert area in the way....hardly conducive to tropes....and it's awful close for Es (tho I have heard nearby Las Cruces NM). Oh well, one of these days!

Hope all of you have had a few Es openings by the time you receive this. Be sure to send in your loggings and let everyone know what you've heard!

See you at the convention!

WTFDA 2002



Time is running out to make your reservation for this year's convention at the Hampton Inn, I-40/Garth Brooks in Yukon, OK, July 26-28. Our special rate is \$55/night. You will need to call the Hampton Inn direct at (405) 350-6400 to make your reservation. Be sure to mention that you'll be there for the WTFDA convention. The deadline for getting this special rate is June 26!

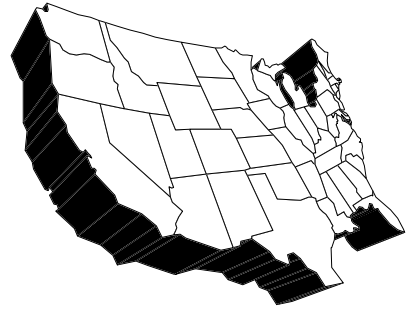
What's on tap for the convention? There's an early-bird trip to the Bricktown entertainment district Thursday, July 25. We'll have station tours, a banquet Saturday night at the Interurban Grill, and lots of time to talk and DX.

If you have suggestions for seminars, send them along! And if there is a topic you would like to make a presentation on, please let me know! We're also looking for items to be donated for an auction at the banquet. So far we have one antenna donated. Items could include equipment, station promo material (like coffee cups), or anything else you think a DXer would love to have!

Be sure to fill out the registration form that appeared in the May VUD and eVUD and send it along ASAP. If you have any questions, please contact me at the address above or call (405) 354-1530. See you in OKC this July!

WESTERN TV DX

VICTOR FRANK
12450 SKYLINE BLVD.
WOODSIDE, CA 94062-4554
frank@horizon.sri.com



Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

April 2002 CT

1 tr	2141	XHAB	7	TA	
	2211	KVEO	23	TX	
	2247	XHREY	12	TA	
2 tr	2221	KEDT	16	TX	
18 tr	0720	KXTX	39	TX	
22 tr	1959	WJSP	28	GA	
28 tr	2145	XHAB	7	TA	
	2259	KEDT	16	TX	
	2307	KJTL	18	TX	rare
	2333	KVEO	23	TX	
29 tr	0009	KHCE	23	TX	TBN
	0011	KPXL	26	TX	
	0026	KAKW	62	TX	Univision
	2222	XHAB	7	TA	
30 tr	2048	KEDT	16	TX	
	2050	KVEO	23	TX	
	2052	XHAB	7	TA	
	2054	WFTX	36	FL	Fox 4
	2100	WGCU	30	FL	PBS
	2132	WXPX	66	FL	Pax
	2135	WUSF	16	FL	
	2138	WLTV	23	FL	UnivisionNEW
	2140	KNVO	48	TX	Univision
	2144	WFTS	28	FL	ABC
	2147	XHFOX	17	TA	XEW
	2157	WFTT	50	FL	SS
	2158	WXEL	42	FL	ID
	2202	WVEA	62	FL	SS
	2208	WWSB	40	FL	ABC
	2219	WBBH	20	FL	NBC 2
	2235	WTVK	46	FL	o/local
					LPTV 645 3 tr

May 2002

1 tr	0000	KNVA	54	TX	
	0001	WTGL	52	FL	ID
	0004	KRRT	35	TX	
	0010	WRXY	49	FL	calls floating
					o/WPXL 625
	0026	WOTF	43	FL	TF
	0050	WZVN	26	FL	ABC 7
	0126	unid	67		w/Rosie
	0144	WPXP	67	FL	Pax
	0200	WTVX	34	FL	UPN 34
	0209	W48CN	48	FL	TBN to S.E.
	2011	XHAB	7	TA	
	2223	WFTX	36	FL	
	2228	WJEB	59	FL	TBN due E.
	2231	WTEV	47	FL	
	2329	WJWB	17	FL	local ad
	2333	WVEA	62	FL	
	2342	WTGS	28	SC	Spin City
	2346	WUVG	34	GA	SS
2 tr	0001	WSWS	66	AL	ID
	0017	WATL	36	GA	WB 36!

0022	WGIQ	43	AL	APT
0030	WHSB	63	GA	TBN
	WTJP	60	AL	TBN
0057	WDCO	29	GA	//28 GPTV
0058	WPBA	30	GA	CB's
0108	WTOC	11	GA	IDNEW
0134	WUPA	69	GA	
0148	WJCL	22	GA	ABC news
0209	WPXA	14	GA	Worship
0800	WXEL	42	FL	weak
0836	WINK	11	FL	Ft. Myer ads
0900	WFLX	29	FL	ID
2223	KVEO	23	TX	
	XHAB	7	TA	
2231	WUSF	16	FL	ID
2232	WFTS	28	FL	
2233	WFTX	36	FL	local wx
2234	W48CN	48	FL	
2235	WFTT	50	FL	
	WVEA	62	FL	
2238	WFSG	56	FL	PBS o/local
				LPTV 325
2312	WABW	14	GA	GPTV
2322	W34AW	34	FL	3ABNNEW
2328	WSPF-CA	35	FL	local board
				meeting 540
2330	WLTV	23	FL	
2333	WTWC	40	FL	local ad,
				NBC 40 405
2335	WXEL	42	FL	
2336	WTVK	46	FL	paid pgm
2338	WXPX	66	FL	
2342	W17CK	17	FL	TBN to S.E.
				- Note 1 600
2357	KTLM	40	TX	offside
0014	WBZL	39	FL	calls lower
				right 745
0016	WRBW	65	FL	UPN 65
0018	WOTF	43	FL	TF//50
0021	WRXY	49	FL	
0026	W60BH	60	FL	TBN to ESE
0028	WAWD	58	FL	Beach TV
0053	WTEV	47	FL	
0054	WJWB	17	FL	
0102	W39BP	39	FL	local ads
0133	XHFOX	17	TA	XEW ID
0139	WGFL	53	FL	local ads,
	WB 53 - Note 2			530
0157	WJEB	59	FL	
0159	WMOR-LP	63	FL	"More 32"
				promos 550
0204	XHSAW	64	NL	TeleRitmo
0207	KORO	28	TX	
0209	XHTPZ	24	TA	
0211	XHMOY	22	NL	//24
0217	XHOR	14	TA	
0224	WTGL	52	FL	
0240	KMBH	60	TX	

0644 WJWB 17 FL ID
WTEV 47 FL

Note 1 – New LPTV distance record.
Note 2 – Station #600! Very difficult, as only 4 degrees South of Ft. Walton Beach heading (WPAN-53).

Tropo returned with a vengeance this month, with a couple of nice openings to Florida bringing needed Miami and several unexpected low power stations. Several ID's were caught on tape for future photos.

Dave Pomeroy <zzpomer@washburn.edu>

December 2001

7 tr 0545 K46FG-46* Falls City, NE
(was K24AA-24)
18 0630 23,47,53 Tulsa, OK 206
KHBS-40 Ft. Smith, AR 277
0700 K30AE-30 Alva, OK KETA-13
K64BS-64 Concordia, KS
w/KWTV-9 instead of KOOD-9
23 0525 KTXA-21 Ft. Worth, TX
19,23,44,47,53 Tulsa area
0535 KOQK-30 Shawnee, OK 274
KOCB-34 Oklahoma City, OK
0630 KDFW-DT 35 Dallas, TX 450
0700 KPXD-68 Arlington, TX
K66EK-66 Bartlesville, OK
KDTX-58 Dallas, TX
KJRH-2 KOTV-6 Tulsa, OK
0710 KDAF-DT 32 Dallas, TX
KLOT-LP 25 Tulsa, OK MTV2
K69GO-69* Tulsa, OK 3ABN

February 2002

1 2100 KWEM-LP 31* Stillwater, OK
2130 KDOR-17 Bartlesville, OK
14,25,30,34,52,62 Oklahoma City area
KPWB-23 Ames, IA 222
2 0600 KFPX-39 Newton, IA 232
1000 WHLA-31 LaCrosse, WI
4 2100 KARE-DT 35* Minneapolis, MN
2130 KSTC-45 Minneapolis, MN 437
KTIN-21 Ft. Dodge, IA 270
2200 KYIN-24 Mason City, IA 334
WCCO-DT 32* Minneapolis, MN 437
7 2200 K22CP-22 Salina, KS KAKE-10
WFLD-32 Chicago, IL
WICS-20 Springfield, IL
2020 WTJR-16 Quincy, IL 239
(same program as KTAJ-16, slight rotor turn put ID on screen)
KDNL-30 St. Louis, MO
2100 WTVP-47 Peoria, IL 341
2130 WEEK-25 Peoria, IL 342
2220 44,60,66 Chicago, IL 465
WDJT-58 Milwaukee, WI 491
2300 K34CW-34 Kirksville, MO KYOU-15
WKEF-22 Dayton, OH
2330 WEIU-51 Charleston, IL 401
WRGT-45 Dayton, OH
2355 WTHR-DT 46* Indianapolis, IN
8 0010 WGTE-30 Toledo, OH
0225 WNDU-DT 42* South Bend, IN 527
WSBT-DT 22 South Bend, IN 527
0235 WSBT-DT 30* South Bend, IN 527
"WSBT High Definition Digital"
WSJV-28 Elkhart, IN

WHME-46 South Bend, IN
0500 WLFI-18 Lafayette, IN
WHOI-19 Peoria, IL
WNIT-34 South Bend, IN 528
0730 WAND-17 Decatur, IL 369
WFYI-20 Indianapolis, IN 507
WICD-15 Champaign, IL 418
WXIN-59 Indianapolis, IN

April 2002

11 0200 KYTV-DT 44* Springfield, MO 194
WHSL-46 East St. Louis, IL
DTV snow on 43 over LPTV "Fox 43" in Topeka
0230 KAUB-43 Oklahoma City
12 2020 KJRH-DT 56* Tulsa, OK
2100 WHA-21 Madison, WI 423
KFXB-40 Dubuque, IA (WI)
KWKB-20 Iowa City, IA 293
WMSN-47 Madison, WI 423
2120 KYOU-15 Ottumwa, IA
2230 KOCB-34 Oklahoma City 259
KFAA-51 Rogers, AR
2300 KWBS-34 Eureka Springs, AR
13 0300 K30AE-30 Alva, OK KETA-13
K46AH-46 Medford, OK KETA-13
K40CO-40 Storm Lake, IA KMEG-14
34,52,62 Oklahoma City
KMEG-14 Sioux City, IA
0630 KSMN-20 Worthington, MN 337
KYIN-24 Mason City, IA 334
KSTC-45 Minneapolis, MN
KTIN-21 Ft. Dodge, IA
KJRH-DT 56 Tulsa, OK
KARE-DT 35 Minneapolis, MN
0650 WFTC-DT 21* Minneapolis, MN
Program 1 DATA
Program 2 WFTC-SD
Program 3 WFTC-HD
0715 WCCO-DT 32 Minneapolis, MN
0730 K57GY-57 Omaha, NE
0800 WICS-20 Springfield, IL
0830 WMEC-22 Macomb, IL 278
WEEK-25 Peoria, IL
WWTO-35 LaSalle, IL
WGBO-66 Chicago, IL
K66AL-66 Clarinda, IA WHO-13
K52AB-52* St. James, MN KARE-11
UNID-DT DTV snow KDIN-DT?
K50AB-50* St. James, MN
UNID-45 repeating KTCA-2 or KTCI-17
"tct" logo
K51EN-51* Jackson, MN "UPN 9"
K45AC-54* St. James, MN WCCO-4
15 0640 KSMQ-15 Austin, MN 350
KYIN-24 Mason City, IA
18 0230 KXAS-DT 41 Dallas, TX 450
KFWD-52 Ft. Worth, TX
KTXA-DT 18* Dallas, TX
KXTX-39 Dallas, TX
KDFW-DT 35 Dallas, TX
KDFI-27 Dallas, TX KSNT-27 off air
KTXA-21 Ft. Worth, TX
KJRH-DT 56 Tulsa, OK
20 PM KAUT-43 Oklahoma City, OK 257
(local "Fox 43" off due to tower collapse)

Dennis Park Smith, 3605 San Remo Drive, Santa Barbara, CA 93105-2523 (805)687-7803

This report is for April 2002. There was very little tropo DX along the southern California coast, to San

Diego/Tijuana on TV-FM (250-mi/320km), due to largely unsettled weather.

Mar 30 – Apr 4 Very poor
Apr 5 – 6 am: None
Apr 6 am – 14 eve: Out of town
Apr 14 eve – 19 am: None (windy)
Apr 19 eve: Poor (UHF only)
Apr 20: None
Apr 21: Variably poor
Apr 22 – 23: Variably poor-fair (VHF good)
Apr 24 – 30: None (starting with tropical rain L..A. – San Diego, and unsettled since then)

Doug Smith provided info on the new station seen testing Mar 26-28. It is K26FT Santa Barbara, replacing K61AI Santa Barbara as translator for KCET-28 (PBS) Los Angeles. The permanent change took place Apr 15, with K26FT on permanently and K61AI off completely then.

Best of DX to all. Dennis

William Eckberg, 1032 Sterling Rd., Dixon, IL 61021

March 2002 CST all tropo
14 tr 0500 WAAY 31 AL 503
0900 WCFC 33 AL 593
April 2002 CDT
10 tr 0645 WZDX 54 AL 503
0800 WUXP 30 TN 408
12 tr 2130 KWCV 33 KS 498

2140 KTBO 14 OK 612
2145 KOCB 34 OK 612
2210 K14IY 14 NE Holdrege 517
Translator KHAS-5
2230 KOKH 25 OK 612
13 tr 1000 K30AL 30 KS xltr KTVU-11 408

The A.M. of March 14 saw weak fluttery signals, identical to scatter signals into Alabama to 600 miles. A front was 100 miles south of me through southern IL and my reception was across and perpendicular to the front. The Chicago Tribune termed it a warm stationary front. No local enhancement was present, so I nearly missed the Alabama stations. Logic would indicate Tennessee and Arkansas was the center of great tropo.

April 12 saw 600 mile tropo to the SW and behind the straight portion of a slow moving front stretching from Chicago thru my QTH, and to Oklahoma City. KTWU-11 in Topeka was seen for hours throughout the opening at 375 miles. The station was common last year, but rare the year before. Their lola-30 x;tr was also seen.

The 10 kW Holdrege NE xltr was unexpected. The signal was good, but brief. The NBC peacock with a 5 below was seen in the lower right on ch. 14 with a local news broadcast.

All of the above is an attempt to explain what I see with a sensitive antenna system and why I see it if it is indeed possible.

SATELLITE NEWS CONTINUED

From page 16

Montreal 878 - CKAC 730 Montreal 879 - CBHA 90.5 CBC Radio 1 Halifax 880 - CBH 102.7 CBC Radio 2 Halifax 881 - CIOD 100.1 Halifax

FOLLOWS ARE THE DMX AND GALAXIE MUSIC CHANNELS

901 - Galaxie Pop-Adult 902 - Galaxir Energy/Hot Hits 903 - Galaxie Dance 904 - Galaxie Ambient 905 - DMX Rap 906 - DMX Urban Beat 907 - DMX Urban Adult Contemporary 908 - DMX Rock and Roll 909 - DMX 70's Hits 910 - Galaxie the 80's 911 - Galaxie Gold Rocl 912 - DMX Rock 913 - DMX Hard Rock 914 - DMX The Edge Alternative 915 - Galaxie Adult Alternatives 916 - DMX Blues 917 - DMX Reggae 918 - Galaxie Folk Roots 919 - DMX CMT Hot Country 920 - Galaxie Country Classics 921 - Galaxie Franco Country 922 - Galaxie Souvenirs 923 - Galaxie Nostalgie 924 - DMX French Pop Rock 925 - DMX Quebec Hits 926 - DMX Contemporary Christian 927 - DMX Relax 928 - Galaxie Pop Classics 929 - Galaxie

Chamber Music 930 – Galaxie Baroque 931 - DMX Classical Masterworks 932 - Galaxie World 933 - DMX Smooth Jazz 934 - Galaxie Jazz Now 935 - Galaxie Jazz Masters 936 - DMX Big Band 937 - DMX Great Standards 938 - Galaxie Nature 939 - Galaxie Mousses Musique 940 - DMX Tree House

WHAT FOLLOWS ARE MISC SERVICES-----

991 - Sports Pay-Per-View
992 - Healthsat
993/994 - unknown
996 – Star Choice Dealers Network
998 – unknown

THUS COMPLETES ALL OF F1 KuBand ----
Next month a catch up on new services on satellites done thus for and others. See you in 30 and great DX. 73's



SATELLITE NEWS

George W. Jensen
4604 Antanna Ave., Baltimore, MD 21206-4220
SCISATMAN@AOL.COM

JUNE 2002

Continuing with the giant Canadian F1 Ku side:

500 - CNN 501 - BBC World 502 - CNN
Headline News 504 CNBC 505 - Discovery
Channel Canada 506 - History Television
507 - Canadian Learning Channel 508 -
Report On Business TV 511 - MSNBC 512 -
Country Canada 513 - Documentary Channel
514 - Tech TV 515 - Biography Channel 520
- A&E 521 - Showcase East 522 - Showcase
West 524 - Prime East 525 - Prime West
527 - Star 528 - Space 529 - TBS 532 -
Dejaview 533 - Lonestar 534 - BBC Canada
535 - TV Land 540 - Family Channel East
541 - Family Channel West 542 - YTV East
543 - YTV West 544 - Teletoon East 545 -
Teletoon West 546 - Treehouse 547 -
Comedy Network West 548 - Comedy
Network East 549 - The Game Show Network
550 - Discovery Kids 551 - National
Geographic 552 - BBC Kids 553 - Animal
Planet 554 - Discovery Civilization 560 - The
Learning Channel 561 - The Food Network
562 - Life Network 563 - Discovery Health
Channel 564 - Home and Garden Television
566 - Talk TV 567 and 568 - unknown 570 - M
Mentv 571 - Fashion Television Channel 572 -
CTV Travel 574 - PrideVision TV 575 -
One:Body, Mind and Spirit Channel 580 -
MuchMusic 581 - More MuchMusic 582 -
Black Entertainment Television 583 - CMT
Canada 585 - TNN 590 - MTV 591 - MTV2
593 - iChannel 594 - Book Television 595 -
Mystery 600 - Viewers Choice Pay-Per-View
Previews 601 - The Movie Network 1 602 -
The Movie Network 2 603 - The Movie
Network 3 604 - The Movie Network 4 605 -
The Movie Network 5 610 - Scream
611 - Showtime Action 612 - Movie Pix 1
613 - Movie Pix Too 614 - Independent
Movie Channel 615 - Showcase Diva 621 -
Movie Central 622 - Movie Central Adrenaline
Drive 623 - Movie Central Heartland Road
624 - Movie Central Shadow Land 630 -
Scream West 631 - Showcase Action
West 632 - Movie Central Encore Avenue
633 - Movie Central Comic Strip 650 - WTBS
Ch17 Atlanta 651 - WGN Ch 9 Chicago 652
- WPIC Ch 11 New York 653 - KTLA Ch5 Los
Angeles 654 - WSBK Ch 38 Boston 680 -
Playboy

*THE 700 DESIGNATED CHANNELS ARE
FRENCH SERVICES MANY I CAN NO
LONGER HAVE ANY PROOF OF THEIR
EXISTANCE. THEY ARE LISTED ON THE
STAR CHOICE WEB CIRE, BUT THEIR
CHANNELS DO NOT APPEAR AT ALL ON
MY RECEIVER - WHAT FOLLOWS IS WHAT I
DO HAVE INDICATION OF:*

700 - SRC 711 - CFTM Ch 10 TVA Montreal
721 - CFJP Ch 35 TQS Montreal 730 - Reseau
De l'Information 763 - TFO 771 - Teletoon
French 800 - Telelatino, The Language
Channel 825 - Voice Print 826 - CIUT 89.5
Toronto 827 - CHIN AM Toronto 828 - CKUA
94.9 Edmonton 829 - KDRK 93.7 Spokane
830 - KAEP 105.7 Spokane 831 - KISC 98.1
Spokane 832 - KMBI 107.9 Spokane
833 - KPBX 91.1 Spokane 834 - KXLY 99.9
Spokane 835 - KZZU 92.9 Spokane
CBU/CBC 860 Prince Rupert CBC Radio 1
837 - CFMI 101.1 Vancouver 838 - CFOX 99.3
Vancouver 839 - CJNW Vancouver 840 -
CKNW Vancouver 841 - CBU/CBC2 105.7
Vancouver 842 - CKZZ 95.3 Vancouver 843 -
CKKS 96.9 Vancouver 844 - CIOC 98.5
Victoria 845 - CFRO 102.7 Vancouver 846 -
CHQM 103.5 Vancouver 847 CBUF 97.7
Vancouver 848 - CJJR 93.7 Vancouver 849 -
CHQT 880 Edmonton 85 - CKNG 92.5
Edmonton 851 - CFNR Terrace/Prince
Rupert 852 - CFWE Lac La Biche Alberta
853 - CIRK 97.3 Edmonton 854 - CISN 103.9
Edmonton 855 - CHED 630 Edmonton 856 -
CKRW 610 Whitehorse 857 - CKRY 105.1
Calgary 858 - CHQR 770 Calgary 859 -
CKIK - 107.3 Calgary 860 - CJKR 97.5
Winnepeg 861 - CJOB 680 Winnepeg 862 -
CING 107.9 Toronto 863 - CHFI 98.1 Toronto
864 - CILQ Toronto 865 - CFYI 640 Toronto
866 - CFNY 102.1 Toronto 867 - CHUM 1050
Toronto 868 - CJCL 590 Toronto 869 - CJRT
91.1 Toronto 870 - CBLA 99.1 CBC Radio
1 Toronto 871 - CBL 94.1 CBC Radio 2
Toronto 872 - CHUM 104.5 Toronto
873 - CKOI 96.9 Montreal 874 - CFOR 92.5
Montreal 875 - CINW AM Montreal
876 - CFGL 105.7 Montreal 877 - CITE 107.3

(continued previous page)

Eastern TV-DX

Matthew C. Sittel
15013 Eureux Circle
Bellevue, NE 68123
mcsittel@cox.net

June 2002

July, 2002 column deadline: Jun. 12

Eastern TV-DX is for reporters from the following states: AL, CT, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT and WV, plus Washington, DC. Also for reporters from the following Canadian provinces: NB, NF, NS, ON, PEI and PQ. Overseas reports are also welcome!

Jim Ayers, 2497 Wind Forest Court, Norcross, GA 30071
jimayers@radier.net

Equipment: Panasonic 19" TV (1985), Channel Master Quantum 1110 VHF at 30', Antennacraft P-7 UHF dish w/Winegard PA-4975 preamp at 38' (feedpoint), Alliance HD-73 rotor (1982), RG-8 coax, Hi-Q traps for low and high band VHF, plus UHF.

3/29 tr				0625 <u>WKMG-DT-58</u> FL Orlando <5> 411
0933 <u>WPXC-21</u> GA Brunswick 234				0641 <u>WRBW-DT-41</u> FL Orlando 411
0953 <u>WVAG-44</u> GA Valdosta 196				0711 <u>WOFL-DT-22</u> FL Orlando 411
0957 <u>WFXL-31</u> GA Albany 180				0938 <u>WFLX-29</u> FL West Palm <6>
1004 <u>W33BX-33</u> GA Tifton, TBN 175				559
confirmed from TBN website				1003 <u>WFTS-DT-29</u> FL Tampa 435
wrong azimuth for Brunswick, GA				1010 <u>WFTX-36</u> FL Cape Coral <7>512
1012 <u>WJXX-25</u> FL Orange Park 301				5/5 tr
5/1 <u>GW</u> (new local on air)				2015 <u>WYFF-DT-59</u> SC Greenville 124
<u>WPXA-DT-51</u> GA Rome 36				2131 <u>WREG-DT-28</u> TN Memphis 331
5/2 tr				Memphis 13, 24(over local LP), 50
0516 <u>WVEA-62</u> FL Venice <1> 483				Cookeville 22, Nashville 50,
0539 <u>WFTV-9</u> FL Orlando <2> 411				Jackson, TN 7, 16
0600 <u>WCEU-15</u> FL New Smyrna <3> 374				5/6 tr
0614 <u>WSCV-51</u> FL Ft.Lauderdale<4> 599				1025 <u>WRCB-DT-13</u> TN Chattanooga 105

Notes:

1. ID noted at 0700.
2. Orlando traffic report, 1st new trop on VHF in ages!
3. Signing on.
4. New local noted day before off-air. "T51" logo matched to wscv.com.
5. 1st DT logging for which its analog counterpart has not previously been logged.
6. Local ads.
7. "Fox 4" logo (their cable channel) floating over local WATL.

Massive trop opening down the peninsula. Bill Hepburn's tropo forecast showed this unusually high activity coming to Atlanta. An alphabet soup of call letters... WFTV, WFTS, WFTX, WFLX. Dozens of relogs as far as Miami. Best opening since December, 2000. Tampa and Orlando local quality at times. Loggings twice as far as any last year! These DT's are really starting to fill up the dial.

Keith Smith, 910 N. Larch St. #7, Lansing, MI 48906-5228 (517) 485-7346
vgmc@webtv.net

seventysixfifty@hotmail.com

Equipment: GPX 12" B&W TV. Circular loop for UHF. Whip for VHF.

4/19 tr				WCMV-27MI Cadillac 115
0800 <u>WJBK-2</u> MI Detroit 71				WFUM-28 MI Flint 56
<u>WCMU-14</u> MI Mount Pleasant 58				0820 <u>WFQX-33</u> MI Cadillac, Fox 33 105
<u>WNDU-16</u> IN South Bend 116				WTVS-56 MI Detroit 65
"Today" not // <u>WILX-10</u>				WWTW-9 MI Cadillac 104
<u>WDWB-20</u> MI Detroit 65				WDIV-4 MI Detroit 71

And there you have it...just about my total bag for this month. So much rain... W69BJ (now part-time repeater for WAQP-49) is considering a slight change in tower location... right now they're near the I-96/I-496/US127 junction about 5 miles from me. Benedek is selling WILX-10 to an Atlanta firm whose name I don't recall offhand. No other regional TV news at moment.

William McGuire, 2412 59th Place, Cheverly, MD 20785-2918

Equipment: Admiral 13" color TV.

2/25 tr
2320 WGAL-8PA Lancaster, nx, ID
4/15 tr
2155 WCVW-57VA Richmond, PBS
2201 WWBT-12VA Richmond, PBS
4/18 tr
2055 WMPB-67MD Baltimore, PBS
2110 WPPX-61DE Wilmington, PAX
2130 WNJS-23NJ Camden, PBS
2135 WPHL-17PA Philadelphia, WB

2137 WTXF-29PA Philadelphia, Fox
2141 WVIR-29VA Charlottesville, NBC
2147 WHYY-12DE Wilmington, PBS
2320 WMGM-40NJ Wildwood, wx, logo
4/19 tr
1830 WRIC-8VA Petersburg, ID
2055 WTVR-6VA Richmond, CBS
2100 WCAU-10PA Philadelphia, NBC10
2105 WMDT-47MD Salisbury, ABC

John F. Vervoort, 217-79 Street, Brooklyn, NY 11209-3607

Equipment: RCA XL100 13" and Radio Shack indoor antenna. Archer amplifier.

4/17 tr
KYW-3 PA Philadelphia
WPVI-6 PA Philadelphia
0910 WRIC-8 VA Petersburg
WTNH-8 CT New Haven
WCAU-10 PA Philadelphia
0912 WHYY-12 DE Wilmington
WWBT-12 VA Richmond

WPHL-17 PA Philadelphia
WNJS-23 NJ Camden
WNJT-52 NJ Trenton
0931 WACI-62 NJ Atlantic City
0933 WMBC-63 NJ Newton
????-63 VA Richmond
0934 WUVP-65 NJ Vineland

Doug Smith, W9WI, Pleasant View, TN

w9wi@w9wi.com

3/21 tr
0800 KTVE-10AR El Dorado 370
Bastrop, LA ad
4/10 tr
0127 KTHV-11 AR Little Rock 323
KWBF-42 AR Little Rock 322
VERY racy infomercial (hard to
keep my mind on DX!)
0745 WVSX-59 WV Lewisburg 364
Bluefield Medical Center ad
WYMT-57 KY Hazard 223
WSBN-47 VA Norton 249
Blue Ridge Public Television
0800 WAGV-44 KY Harlan 207
ID w/WLFG-68 and WLFB-40
WLFG-68 VA Grundy 279
WLFB tried but not seen
0840 WXIN-59 IN Indianapolis 245
0845 WICS-20 IL Springfield 267
WRSP-55 IL Springfield 267
0850 WMAV-18 MS Oxford 207

4/30 tr
0810 WKGB-DT-48 KY Bowling Green 53
"Program 1 (KET)"
WDYR-LP-33 TN Dyersburg, TCT
132
// WTCT-27 but local ID at 0830
WKMU-DT-36 KY Murray 82
"Program 1 (KET)"
WEIU-51t IL Charleston
WTHI-10 IN Terre Haute 200
0830 WRSP-55 IL Springfield 267
Fox 55
WICS-20 IL Springfield 267
News Channel 20
WUWT-CA-26 TN Union City <1> 108
0842 WICD-15 IL Champaign, loc.ad
257
WAND-17t IL Decatur
ABC under local WZTV
0848 K45CA-45 MO Cape Girardeau
150 TCT // WTCT-27
0900 WBUI-23 IL Decatur 262
WB23 under KBSI

Notes:

1. Infomercial, with title crawl running across bottom with various ads, PSAs, and other text ("Proposed state budget will cost Weakley and Obion Co. schools", etc.). Awfully hard to read over infomercial's phone number!

Random thoughts to fill out the page:

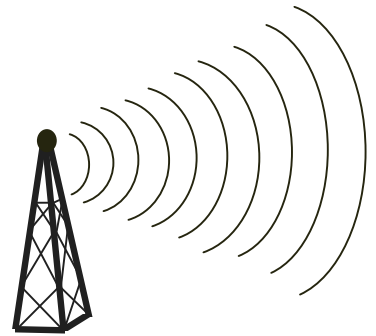
Hopefully by the time you're reading this we'll all have enjoyed some good skip. For once this year I'm staying put over Memorial Day weekend to catch all these monster openings that seem to take place every year. So if there are none this year you can blame me for not traveling. Seems like a lot of us are in concurrence over the general lack of tropes lately. I know I've had far too much time to do other things around the house other than DX!

It's not too late to make plans to attend WTFDA 2002 in Oklahoma City. I plan on being there and hope to see a lot of you there as well! If you see any DX, please take a moment to send in a report and share it! 73s Matt

Northern FM DX

Northern FM DX

Keith McGinnis
 387 Shirley Street, Winthrop, MA 02152
 longwave@attbi.com



Keith McGinnis 387 Shirley St. Winthrop MA 02152
Equipment: Yamaha T-85 (Modified) with APS 9 antenna at 15 ft AGL
longwave@attbi.com

*are new (t) are tentative

May 18 2002 Es

8:20	WMSV*	91.1	Starkville	MS	Sports talk mainly about sports in the South..mentions of Mississippi State
8:22	WJBB	92.7	Haleyville	AL	ID...country music
8:25	UNID	92.1			ID'ed as "FM 21.1"....ad for Logan Furniture and then into country...any Ideas??
8:33	WKOR*	94.9	Columbus	MS	Mentions of Columbus Fair Grounds....more mentions of Mississippi
8:35	WUSJ	96.3	Jackson	MS	"Country's latest and all time greatest....US 96.3"
8:40	WKBB	100.9	West Point	MS	Smooth Jazz
8:42	WDRM*	102.1	Decatur	AL	Mentions of Colonial Mall in Decatur
8:44	WZYP*	104.3	Athens	AL	"104.3 ZYP"....mentions of Huntsville
8:47	UNID	104.7			possible religious or gospel station....in and out quickly
8:49	WYTK*	93.9	Florence	AL	Ad for the Florence Skating Center...other local mentions
8:50	WTYX	94.7	Jackson	MS	"Arrow 94.7"...80's after 8
8:53	WVFG*	107.5	Uniontown	AL	Ad for the Baptist Health System...other Alabama mentions
8:58	WAFR	88.3	Tupelo	MS	ID
9:00	WOCG*	90.1	Huntsville	AL	very strong with a strange RDS ID (CRL RDS)...finally ID'ed at TOH
9:01	WQPR	88.7	Muscle Shoals	AL	Mentions of Univ of Alabama....and Alabama Public Radio
9:02	WMAB*	89.9	Ackerman	MS	Wx forecasts for all of MS.....into Classical music
9:03	WFIX(T)	91.3	Florence	AL	Cont Christian music.....no ID or local mentions....more than likely WFIX given the small footprint of this opening and other stations from this area blasting in.
9:05	UNID	91.7			AFR station
9:05	UNID	92.1			Gospel station..only thing that is possible is WJNS Yazoo City MS but not enough to go on plus it seems to be outside the footprint for this opening.
9:07	WKSR*	98.3	Pulaski	TN	ID ...country music
9:09	UNID	99.7			This one is a real head scratcher....Yankees/Twins baseball game.....couldn't find anything on the net...very strong and in for the better part of the opening.
9:11	WSEL(T)	96.7	Pontotoc	MS	Gospel
9:13	UNID	93.5			This is another strange one...very strong signal...Country music with the ID of "5 Star Country"....The only thing I could find was WAXM x in Big Stone Gap VA....which isn't all that far from x AL and MS but once again given the small footprint

of the opening I have a hard time thinking this was WAXM

9:15	WBAD*	94.3	Greenville	MS	Ment of Greenville / McCoy's Bldg Ctr.....into R&B
9:16	UNID	94.3			WBAD faded out and an Oldies station came up playing 60s oldies....had them for a couple of minutes with an ID of "The Oldies Station"...then faded out.....???????
9:18	WOKK	97.1	Meridian	MS	Mentions of Meridian...."....Brick Studios...".....into Country music
9:20	UNID	97.9			Another head scratcher....heard a partial ad for Marvin's Building Materials then a fade out but it seems like there are quite a few of these in MS...a couple of minutes later a strong signal came back with music that sounded like the Ray Coniff singers (or something of that ilk)
9:22	WKOR*	94.9	Columbus	MS	"K94.9"
9:26	WMSR*	94.9	Florence	AL	"Star 94.9"

**Morris Sorensen Winnipeg MB
DX-392 with whip**

N =new to my Winnipeg log

Oct.1 2001 Tropo

1857 KAXE 91.7 Grand Rapids MN
248 mi. N

Dec.3 Groundwave

2003 CKSB 89.9 Winnipeg
MB N new station testing

March 13 2002

2011 CFWM 99.9 Winnipeg
MB noted with new format featuring music of the 80's and 90's and slogan "Bob-FM"

April 15 Tropo

2203 KFBN 88.7 Fargo
ND

2220 WDAY 93.7 Fargo
ND

2227 CBWV 97.9 Brandon
MB

Ralph Strobel 106 E Davidson St Muncie IN 47303

Equipment: McIntosh MR-78 with two CM Probe 9 antennas and rotors at 38 and 32 feet AGL separated at 23 feet with the Bolin Phase Box.

* Denotes use of Bolin Phase Box New are underlined
Mileage is also noted

November 4 MS

0138 KLDE 107.5 Lake Jackson
TX "to help motivate the fourth graders and HSIV, the Houston Automobile Dealers Assoc is sponsoring the earning and living program..." 960

November 17 Tropo (under foggy cx)

0400 *WBDK 96.7 Algoma
Wlwith WHTI phased 323

0600 *WVXM 97.7 Manistee
MIBBC, nx with WZOW phased

285
1915 *WEEG 97.3 Essexville
MIwith WMEE phased 261

2000 WBIE 91.5 Delphos
OH AFR 71

2215 *WILZ 104.5 Saginaw
MIAds with WELD phased 235

November 18 MS (Leonids)

0213 KONE 101.1 Lubbock
TX"Classic Rock 101...." 1018

1256 KOAI 107.5 Fort Worth
 TX“new music on the Oasis...” 839
 1257 KCIL 107.5 Houma
 LA“Tiger audio, 6241 Park Avenue is
 your Sprint PCS Select retailer in
 Houma....continous Country 107.5
 KCIL...” 791

December 5 Tropo

0800 KOMT 107.5 Lakeview
 AR 470

December 10 MS

???? KXTN 107.5 San Antonio
 TX“set your radio to KXTN...” 1050

December 15 MS

???? KCIL 107.5 Houma
 LA“driving force in South Louisiana...”
 791
 ???? KOAI 107.5 Fort Worth
 TX“smooth Jazz Station...” 839
 ???? KXKZ 107.5 Ruston
 LA“107.5 KXKZ...” 665
 ???? KCIL 107.5 Houma
 LAAdvert for the Pelican Palace in
 Houma
 ???? KXTN 107.5 San Antonio
 TXLocal advert and mention 1050

December 17 Tropo

1300 WCWC 94.3 Marion
 IN“Truth 94.3”..my first 100W LP
 under new law 29

December 20 MS

Comments: The Leonids Meteor Shower was best between 1100 and 1300 here on November 18. I am now using 107.5 for Meteor Scatter as this frequency will soon have a 100W LP on it.

I couldn't believe there was E skip between 0400 and 0500 on December 27. In thirty years of FM Dxing, that opening was quite a surprise. Good thing I'm a night owl!

NORTHERN FM CONTINUES

1520 KXTN 107.5 San Antonio
 TX“tell ‘em your heard it on KXTN...”
 1050

December 27 Es

0413 KXTN 107.5 San Antonio
 TX 1050
 0415 KPAC 88.3 San Antonio
 TX 1050
 0417 KSTX 89.1 San Antonio
 TX 1050
 0420 KROM 92.9 San Antonio
 TX 1050
 0430 KXYL 96.9 Brownwood
 TX 1050
 0445 KCDD 103.7 Hamlin
 TX 960
 0500 KHKX 99.1 Odessa
 TXEx KKKK 1110

January 7 2002 MS

0800 KLDE 107.5 Lake Jackson
 TX“wx and then KLDE Lake Jackson-
 Houston” 960

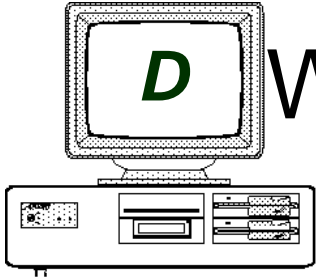
January 17 MS

1220 KLDE 107.5 Lake Jackson
 TX 960

January 27 Tropo

0148 WFJZ 106.7 Hicksville
 OH(Hicksville OH-Ft Wayne IN)...“the
 Smooth Jazz 106.7”





WTFDA://ON-LINE

Saul Chernos, 57 Berkeley Street, Toronto, ON M5A 2W5
schernos@sympatico.ca

JUNE 2002

Welcome to another edition of WTFDA://ONLINE, in which we explore the Internet from a VHF-UHF DXer's perspective. By the time you read this, we'll hopefully be in the thick of a decent summer DX season. With good DX comes the need to ID stations, and isn't it just like an e-skip or tropo signal to fade just before an ID! We kick off with a few good tips for using the web to solve unIDs:

Don't have a decent collection of current TV program listings? NE member Matt Sittel recommends www.clicktv.com, which seems to have recently changed names and now leads you to <http://tvlistings2.zap2it.com>. Just type in the zip code for a target area and review the local listings. Matt has a zip code directory handy for this kind of occasion. He says the clicktv.com listings are very accurate and include LPTV and other information not always included in magazine-style guides.

Matt also recommends online telephone directories such as www.qwest.com. These are great when you hear or see a company name in an advertisement. Matt says he once found a car dealership in Lloydminster AB and successfully IDed a station this way. Many directories also have a reverse look-up feature, where you can input a telephone number (with its area code). My own favourite directories include www.411.ca for Canada and www.411.com (worldwide).

Ever had a TV logo flash for a second and zip on by into the hereafter? This usually happens during an intense Es opening when double hop is coming in and you're pouring your eighth cup of coffee. Well, there's no need to soak the carpet in frustration – a cursory glance at NY member Ryan Grabow's web site, www.egrabow.com, can set the record straight. Ryan maintains, among other things, a TV logo gallery of VHF skip channels, listing all target stations in the U.S. and their networks and logos. There are also links to station web sites. I used Ryan's site many times last year, and it was particularly handy when a "Fox 2" logo popped on my screen repeatedly. I was able to single out stations in Detroit MI and St. Louis MO, and Honolulu HA, and since this was a repeat occurrence during a skip opening to the U.S. midwest, I knew I had KTVI.

Another favourite site is Chip Kelly's www.100000watts.com, which can also be accessed at <http://100kwatts.tmi.net>. Fully searchable, you could enter call letters to see what you might have heard, or a frequency to see a complete list, with call letters, location, formats, slogans and other details.

Another favourite is www.fybush.com, home of North East Radio Watch. Absolutely everything you always wanted to know about broadcasting in New England and neighbouring states such as NJ, NY and PA, and also eastern Canada. This site is maintained by WTFDA member Scott Fybush.

This past winter was a bonanza for F2 skip. However, 1938 was by all accounts a real winner. In case you missed that incredible event, you can still bear witness by surfing to <http://www.aps.org.uk/recording.htm>. Don't ask us why, but you have to include the http and other commands – otherwise the site redirects you to a home-page which doesn't mention the link. So, hopefully this site will be active by the time you read this. Thanks to Jeff Kadet of IL for pointing out this neat site, which as he says, is almost like being there. The four_minute compilation from 1938 was recorded on a cine camera placed in front of a

television screen as the images came in. It was tracked down by Andrew Emmerson, a British enthusiast.

To close out this edition, we look at three superb web sites maintained by WTFDA members.

ON member Bill Hepburn works as a weather forecaster and also forecasts tropo openings. Check out his site at www.iprimus.ca/~hepburnw/tropo.html. This is required daily viewing during tropo season. Bill usually updates his forecasts in the late afternoon or early evening, so these are good times to check.

Bill also publishes lists of weather radio stations. This information, and an awful lot more, can be found by clicking on the "DX Centre" tab near the bottom of the tropo forecast page. Matt Sittel also publishes a really great list at <http://members.cox.net/mcsittel/nwstable.htm>.

We conclude with meteor scatter projections supplied by CO member Jim Thomas, and made available by OK member and 2002 WTFDA convention host John Zondlo, at <http://members.aol.com/jpzondlo/thomas.html>. The site offers a simple table, a calendar really, showing MS projections and possibilities. I find this handy when planning DXpeditions in advance.

One request: If you have a favourite site and notice any errors or updates, please take the trouble to notify the person who maintains the site. And thank them for their hard work, often done on a volunteer basis.

Until next time, happy hunting and 73s, Saul Chernos

More Northern FM DX continued

Mike Bugaj – 69 Sherman Road, Enfield, CT 06082

Equipment: Carver TX-11 and CM Probe 9 or Sony ST-5130 and APS-14. Underlined are new. Times EDT.

5/18 Es

2000	WDEF-92.3 TN	Chattanooga
2038	WRSA-96.9 AL	Decatur, Lite 97
2040	<u>WOCG</u> -90.1AL	Huntsville, RDS
2043	WKOR-94.9MS	Columbus
2049	WTXT-98.1 AL	Tuscaloosa
2052	WUSJ-96.3 MS	Jackson
2053	WDYN-98.7 TN	Chattanooga, rel
2055	WJMI-99.7 MS	Jackson
2055	WSNI-93.3 MS	Jackson, RDS
2058	WLAY-100.3AL	Tuscumbia
2100	WRRS-101.1AL	Cullman the spot
2102	WJSQ-101.7TN	Athens WLAR ID
2124	WUSX-93.3 AL	Tallahama US93

5/21 Es

1927	WZEW-92.1AL	Fairhope92ZOO
1935	WIOL-92.7 AL	Eufaula theRiver
1946	WRBH-88.3 LA	N.Orleans ,BB
1952	<u>WELJ</u> -90.9 AL	Brewton, mono
1953	WCKW-92.3LA	LaPlace
1954	WQUE-93.3LA	N.Orleans
1955	<u>WSJZ</u> -94.9 LA	Reserve
1957	WEZB-97.1 LA	N.Orleans B97
1958	WNOE-101.1LA	N.Orleans

5/22 Es

1149	WLDI-95.5 FL	Ft.Pierce, Wild
1149	WZTA-94.9 FL	Miami, zeta
1150	WCMQ-92.3FL	Hialeah, ss
1150	WAMR-107.5FL	Miami, SS
1200	WSOR-90.9FL	Naples, rel
1200	WMCU-89.7FL	Miami,spiritfm
1206	WZZR-92.7 FL	Stuart, realradio
1217	WAVV-101.1FL	Marco, wave101
1222	<u>WINT</u> -95.9 FL	Sebastian,MOYL:
1227	WARO-94.5FL	Ft.Myers, Arrow
1234	WSJT-94.1 FL	Lakeland, smooth
1235	WIKX-92.8 FL	Pt.Charlotte, Kicks
1235	WDDV-92.1 FL	Venice

and then that same evening...more Es on FM but on the lower part of the band from 88-94mhz. WSJT, WIKX, WDDV, WSHR and WRWA all heard again. Not a bad start to the 2002 skip season.

What's happened to RDS? Doesn't anybody use it anymore? I don't think so. This is not a good sign! -Mike

WTFDA MEMBERSHIP

June 2002

This is a list of all full and associate members as of May 15, 2002

This list is sorted by state/province/country.

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Note: Renewals received after May15th, 2002 are not included in this list.

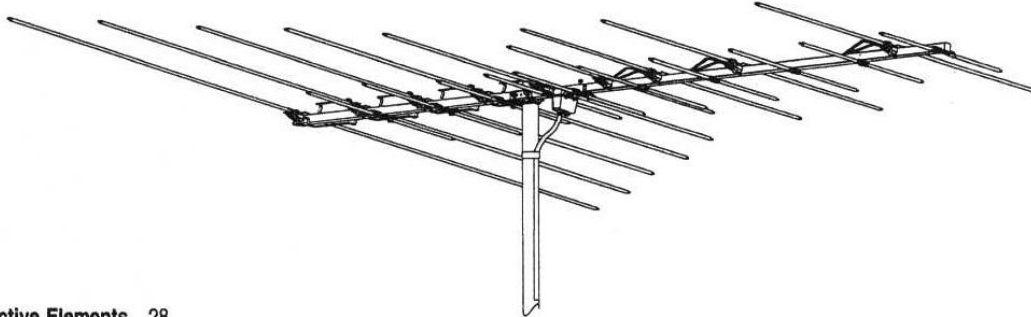
MORE Q & A STUFF YOU ALWAYS WONDERED ABOUT

Q. How does the size of the parabolic UHF dish relate to its gain?

A. The forward gain of a dish is determined mainly by the area in the parabolic reflector. As you double the area of the reflector, the gain increases by 3db, a doubling of signal voltage. The area of a 7 foot dish is roughly double that of the 5 foot model and the gain figures of the two are roughly 3 db apart. The density of the screen reflector can be increased by the Dixer by attaching aluminum window screening for up to 3db additional gain, but this will increase the already huge wind load characteristics of the dish. This modification has been tried by some Dixer and increases the amount of signal that gets reflected off the parabolic screen by making the screen a more efficient reflector. Anyone wishing to try this modification should take care to properly attach the window screening material to the inside of the screen so that it forms as smooth a surface as possible. /the best type of parabolic reflector would be solid, but would not be very practical. Unless you are prepared to go to great lengths to protect your dish from high winds, we don't recommend modification of the reflector screen. Most parabolics are very high performance antennas to begin with, and such modification is not really necessary especially when you can get increased gain with low-noise pre-amps mounted on the mast.

engineering specifications


Model HD-4053



Active Elements 28
 Boom Length 111"
 Turning Radius 72.0"
 Maximum Width 110"
 Vertical Height 5"
 Element Diameter 3/8"

Finish Blue Polymeric Finish
 Shpg. Weight 8 lbs.
 Carton Dimensions 6.25"x6.25"x68.250"

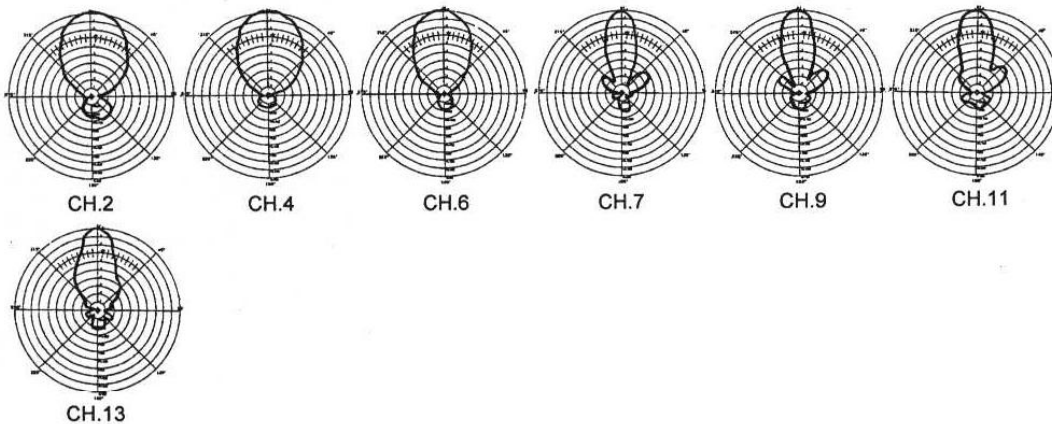
Output Impedance: 75 ohm
 Recommended Preamp: AP Series

 *UPS in shield design is a registered trademark of United Parcel Service of America, Inc. used by permission.*

Made in U.S.A.

CHANNEL	CH.2	CH.4	CH.6	CH.7	CH.9	CH.11	CH.13
dB gain over reference dipole	5.9	6.6	6.4	9.6	11.1	9.8	10.6
beamwidth at half power points	68°	67°	62°	29°	31°	32°	34°
front-to-back ratio	105dB	17dB	15dB	13dB	14dB	14dB	13dB

POLAR PATTERNS



IRCA DECALCOMANIA 2002

The 2002 IRCA/DecalcoMania Convention will be held near Seattle, WA on August 16-18th, 2002. Bruce Portzer and Phil Bytheway will be your hosts. The site is the **Town and Country Suites**, 14800 Interurban Ave., S., Tukwila, WA 98168. Reservations at 1-800-545-2323 (please mention IRCA Discount). Their website is www.townandcountrysuites.com. Room rates are \$69/night for a single and \$83/night for a double/triple. Registration will be \$30 (\$15 without banquet). Phil Bytheway, 9705 Mary Ave NW, Seattle, WA 98117-2334 will handle the reservations. Make checks out to Phil Bytheway. Ship auction items to Bruce Portzer, 6546 19th AVE NE, Seattle, WA 98115. Questions? Email Phil Bytheway at phil_tekno@yahoo.com.

June 2002

Here's a batch e-mailed to me by Jacob Norlund of Hermantown, MN. Jacob uses an Archer VU-190 antenna up about 20-25 ft., and he does not have a preamp so as to cut down on overload. He uses an All-in-Wonder Pro 128 card to capture his catches on the computer. Thanks, Jacob! Send more.



KCRG-9 Cedar Rapids, IA
308 mi Tr seen 7/30/01
@1053 CT



KDLT-46 Sioux Falls, SD
306 mi Tr seen 8/8/01
@1026 CT



KMEG-14 Sioux City, IA
347 mi Tr seen 8/3/01
@0913 CT



KWVL-7 Waterloo, IA
302 mi Tr seen 8/29/01
@2200 CT

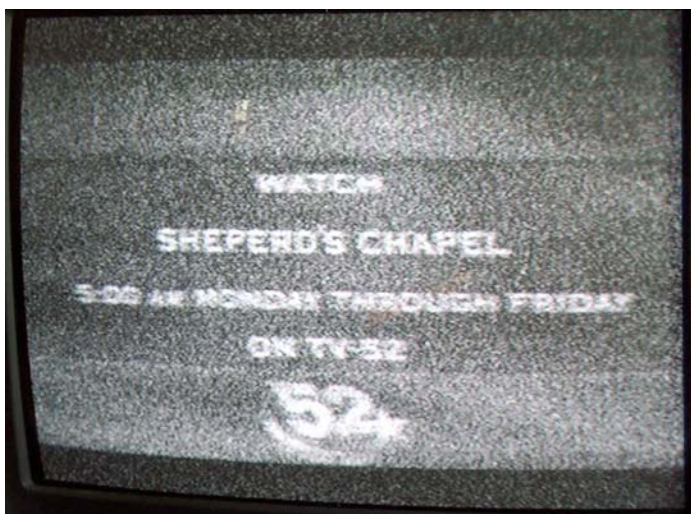


WBRZ-2 Baton Rouge, LA
1138 mi Es seen June 01
@1730 CT



WHBF-4 Rock Island, IL
371 mi Tr seen 8/29/01
@2200 CT

And now two more from fellow editor Doug Smith, Pleasant View (Nashville), TN:

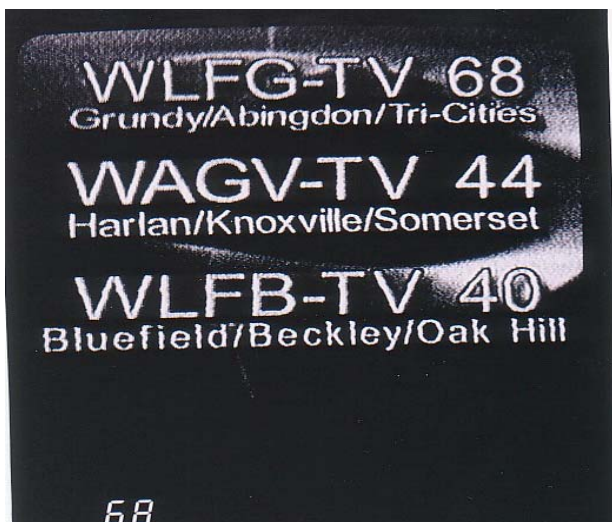


KFWD-52 Ft. Worth, TX
630 mi Tr seen 3/14/02
@0625 CT



WAGV-44 Harlan, KY
207 mi Tr seen 4/10/02
@0800 CT

Well, hey, if Doug can get it, so can Bill Eckberg! Here's a variation on the above slide as seen from Bill's QTH in Dixon, IL, with his Channel Master 7' dish at 52 feet:



WLFG-68 Grundy, VA
487 mi Tr seen 7/3/01
@0100 CDT

TV DX In The Early Years

Bob Cooper

The earliest reports of long-distance TV "reception" appeared in mostly obscure publications (Proceedings of the IRE/nee IEEE, RCA's "Television" -Volume I: 1933-1936, Volume II: 1936-1937 and Volume III: 1938-1941; QST and Radio). RCA began serious experimentation from the Empire State Building transmission site in 1931 using various frequencies from 30 to 90MHz. There were scattered reports of "reception" from an RCA equipped ship operating near Puerto Rico (1934) and amateur/ham operators using the 56-60 mc/s nee MHz band throughout North America quite frequently reported at least sound reception from RCA and other New York transmitters through the 1930s and early 40s. Virtually all of these reports of "reception" was of the carrier signal using a short-wave radio. In other words, TV signals but not TV images.

One of the most prolific and respected technology writers of that era, Orrin E. Dunlap, Jr., in his 1942 epic "The Future of Television" notes under "Historic Steps in Television", as follows:

"1940 (June 27) Republican Convention at Philadelphia telecast by NBC ... through Empire State Building (transmitter) picked up in Tulsa, Oklahoma, about 1800 miles; a new overland record for ultra-short waves."

We would now quickly identify reception of a 50 MHz frequency range signal in Tulsa, Oklahoma on June 27th of any year as Sporadic E (Es); and correct the distance to "under 1,200 miles. And not give it a second thought.

Dunlap also reports: "1939 (May 29) Engineers at Schenectady picked up NBC telecasts from New York, 130 miles distant." And, "1938 (February) Television images from London on ultra-short waves picked up in Riverhead on Long Island, badly distorted. This was of course F2 layer reception during the peak years of the sunspot cycle with the BBC using 41.5 mc/s for sound and 45 mc/s for video.

What was missing in this period was an understanding of how "ultra-short waves" would wander outside of their line of sight (LOS) normal coverage area. "Ultra-short" was a temporary term - later the frequency band between 30 and 300 MHz would be formally identified as "VHF" for Very high Frequency. As technology improved, shorter and shorter waves (higher and higher frequencies) became useable. Stations were measured by their "wavelengths" through the mid-1940s, seldom by their operating frequency. To a technology world accustomed to wavelengths measured in tens and hundreds and thousands of "meters" anything as "short" as 7 meters (45 mc/s) was "ultra-short".

Status of receiving equipment

1936 (on November 2) - the BBC began six day a week television 2 hours per day - not on Sunday - from Alexandria Palace using essentially the same analog TV parameters still in use today in many portions of the world - was a turning year. Television receivers (called "Vision sets" at the time) were two or three piece. The vision portion was a product, supported by a power separate power supply system. Many early English (and later American) "vision receivers" did not include an audio section in the same container/set; audio was treated in a separate receiver often in its own wooden or metal box, connecting to the "vision" part by a generous network of wires. The audio was transmitted in an AM (amplitude modulation) format - FM (frequency modulation) was a very controversial development with patent limitations in 1936.

Receiving antennas were most often simple dipoles, constructed from metal and supported by wooden masts. The transmission line from the aerial to the vision receiver was typically "twisted pair" (two wires wrapped around each other inside of a seldom-weatherproof jacket; nominally 100 ohms impedance). The earliest American TV antenna manufacturer worthy of remembering was Taco (Technical Appliance Company) who in 1940 introduced first a dipole array (notable because it was all metal - no wood) and shortly thereafter the "Lazy H" which was a dipole array backed up with passive reflector element(s) giving the antenna a new level of directional ability.

TV screens were between 3" and 7" in diameter, they had a soft green tint (cathode ray tube designers had not yet worked out how to get pure black and white). The typical vision receiver had no - NO - RF (radio frequency) amplifier stage - which greatly reduced the sensitivity. A receiver of that era required around 1,000 microvolts to produce a grainy image on the small screen and RCA was recommending 5,000 microvolts. A modern TV set with 50 microvolts will produce a far better image than the 1936 version with 1,000 microvolts.

Which brings us to the slow discovery that "ultra-short wave" length transmissions could in fact actually travel some distance on occasion. For someone in Tulsa, Oklahoma to receive W2XBS (NBC's test station - later WNBT) would have required a significant amount of sporadic E signal.

The identity of the receiver user (no doubt a ham radio operator who had either built his own receiver - possibly from one of the kits then available - or had imported one from the New York area) has not been located in archives but a close study of "active" 5 meter (56 -60 mc/s) "hams" of that era pinpoints at least one chap in Tulsa. He, most likely, was the unidentified receiver of W2XBS via sporadic E. And there remains the possibility the "TV reception" was only on a short-wave receiver (capable of reproducing the sound portion but not the video) - in which case this is not the first "true TV DX reception" report at all.

Post-war

By 1946 RCA had agreed to license other firms to build television "receivers" from its patent pool. The number of TV receivers in use at the end of 1947 was 150,000, up from under 15,000 at the end of 1946 - which included receivers originally built and sold prior to WW2. The RCA 630 chassis was a design that had slowly evolved during WW2 and for the first time an RF amplifier stage was optionally available. However, the 1946 tuner (channel selector) remained primitive as the turret (all 13 or 12 VHF channels in a single subassembly) was not yet developed. The most popular tubes for RF amplification (at the tuner stage) were something called "pentodes" - a relatively high gain tube type but unfortunately with a high noise factor (noise figure). The "high noise" made reception of channels 7 - 13 very difficult. Additionally, because in most cities the first television stations operated on low-band (channels 2 - 6), the 1946-1948 era rooftop "antenna" was designed for someplace in this lower channel group. When you combined a low band antenna with a pentode tuner, well - the results were not good. When WATV-13 came on the air (May 15, 1948), from a tower near Newark (NJ), it was considered "DX" reception for New York City residents only 25 miles away!

From late 1947 through 1953, TV set and antenna designs improved monthly. This was "stage one" of the "golden era" of TV DX and fringe area reception. Remember that RCA was recommending 5,000 microvolts of signal for "quality vision reception" in 1940. And homes that received 500 microvolts were considered "fringe area viewers" as late as 1950. The most significant single development was something called the "cascode tuner" in 1951. It reduced the "fringe area threshold" from 500 to 50 microvolts.

What this did for DX reception was quite dramatic. Someone equipped with (by 1951-1952) a large fringe area antenna, a signal "booster" (preamplifier placed between the antenna and the receiver) and using a 50 microvolt threshold receiver was going to see far more DX.

Signal levels. Tropospheric scatter reception (typically only observed at UHF these days because of the proliferation of VHF stations, over distances to 300 miles) averages under 20 (10 - 20) microvolts on a good gain (16 dB plus) antenna with a relatively low noise preamplifier/booster (under 3 dB noise figure/factor). On FM (88 - 108 MHz) it will average 1 to 5 microvolts typically at a distance of 250 miles, requiring a 0.5 microvolt sensitivity receiver and a 10-12 dB gain antenna system; neither of which existed until the late 1950s. VHF tropo levels are dependent upon whether ducting or enhancement in the lower atmosphere, levels up to 50 microvolts at 600 - 1,000 miles are fairly common. UHF levels typically are lower with enhancement and higher (100-250 microvolts) with ducting. Sporadic E signal levels approach 500 microvolts during intense openings which explains why rabbit ears and a low quality receiver can still produce DX with modest equipment.

It was therefore with some amazement that in 1952 two smallish manufacturers of almost-custom TV receivers announced "4 microvolt sensitivity" for VHF reception. Tech Master was one of these (Radio TV News, Acorn Radio, April 1952) and Mattison was the other (Radio TV News, Airex/Mattison, May 1952); both did "private labelling" of their creations for other, even smaller, "brand names". Neither properly defined (in their advertisements) what kind of reception one might have with a 4 microvolt signal but the die was cast for significantly improved receiver sensitivity across the spectrum of receiver creators. Hallicrafters was advertising, "Guaranteed 150 mile reception" (Radio TV News, Hallicrafters \$2 million "dynamic tuner", March 1952) for their "Golden (cascode) Tuner" equipped models. This rather bold claim only appeared for a short time - obviously some people who didn't find the claim valid asked for their money back. It is worth noting the Hallicrafters claim of 150 miles-guaranteed was in no way conditional - nothing was said about having an over-water path, or even a suitable antenna! Nor the quality or frequency of reception (would a weak picture for five minutes a week qualify?).

By 1953, the big improvement was in the antenna area. The best gain per pound came from single channel yagi arrays, which some manufacturers offered with tube style single channel antenna mounted boosters. The combination of a single channel (by design) antenna + a single (by design) channel booster pretty much eliminated significant DXing excursions to other channels. Wideband (channels 2 - 13) antenna-side boosters did not appear until March 1952 (Electro-Voice Tenna Top model 3010 using four 6J6 triode tubes) while an indoor all-channel (not tuneable channel by channel

as all other models were at the time) came from Industrial Television (IT75A "Autobooster") in February 1951.

Why stick the booster at the antenna? The reason then is the same as now. What you are after is the best possible "signal to noise ratio". And while some of the "noise" in the equation is in the atmosphere mixed in with the weak signal, most of the noise is generated by the receiving equipment. Think of the noise as a "wall" your signal has to climb over. If the signal level is "short" it can't reach above the noise of the wall. So you want to provide steroids to the signal but not the noise - to make the signal "taller" so it can climb over the noise wall. One way to do this is to erect a better (higher gain) antenna, one that captures more signal. Another way is to very carefully amplify the signal while not amplifying the noise.

The signal level captured by the antenna is at its best just as it leaves the antenna terminals. The equation here can be complex but every foot of lead-in wire reduces the signal level. Down at the end of the line, at the entrance of your receiver, the "noise wall" is waiting. Will the signal get to the noise wall still tall enough to "climb over"?

The booster at the antenna amplifies the signal and whatever noise as the antenna extracts from the atmosphere. There is far more noise in the atmosphere at low band than at high band, and at UHF the atmospheric noise is at a minimum. Thus an amplifier mounted at the antenna can "boost" the "height" of the signal sufficiently that after the signal loss in the down line, there remains more signal to climb over the receiver's internal noise wall.

The complex part of the equation has to do with "matching" the antenna's impedance (such as 300 ohms) to the input of the booster. All antennas have a degree of frequency selectivity - even a log antenna. When you are using the antenna on the channel or channels where the antenna works best, the impedance of the antenna is closest to its design value (such as 300 ohms). When the antenna is used on a channel some distance removed from the design frequency, the impedance of the antenna is no longer the design value (300 ohms). This creates something known as "mismatch" which simply means the microvolts caught by the antenna are not properly passed into the booster - some are "lost" in the mismatch.

The booster, however, whether single channel or wide band, has its own input (signal from the antenna) impedance. A single channel booster might be 300 ohms at the design channel of the booster (such as channel 4) but a few channels away (channel 2 or 6) it is significantly different; perhaps 100 ohms. A wide band booster has a varying input impedance - in the best case as designed for and in the worst case something quite different (wide band boosters were difficult to design because of the impedance matching challenge). So even if the antenna is wide band and the antenna mounted booster is also wide band, the chances that both are the same input impedance through the full channel 2 - 13 range is almost non-existent. That's why big, amplified, fringe area antennas work better on some channels than others.

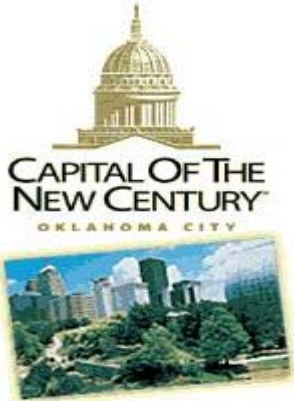
Enter John Winegard. Television Horizons (May, 1961) wrote about a visit to the legendary fringe area equipment designer at his laboratory in Burlington, Iowa. John was about to introduce something very revolutionary - an antenna plus antenna mounted preamplifier (signal booster) that were designed as a single unit.

Until the Powertron antenna line, the antenna was one object and the booster was another - they were connected together with as short a piece of transmission line as possible. Why short? Because you wanted to amplify the weak signals before there was any degradation from the line. But both the antenna and the booster had their own impedance matching circuits and in the middle of this you stuck a third item with its own fixed impedance - either 300 ohm twin lead or 75 ohm coax.

John reasoned that the input circuit on a signal booster consisted of a group of coils and capacitors arranged to provide a "tuned circuit" which covered a specific range of frequencies - such as 54 - 216 mc/s for channels 2-13. Further, he reasoned, the all channel (wide band) fringe antennas were already designed to do the very same thing - be a "tuned circuit" covering 54 - 216 mc/s. Why not eliminate the input tuned circuit of the booster and directly connect the booster to the tuned circuit of the antenna - let the antenna become the tuned circuit for the booster? The Powertron line was born. Not only did it do away with the third impedance sensitive device in the middle (the line connecting the antenna output to the booster input) but it also allowed the antenna - now the booster input circuit - to be "fine tuned" to improve the performance of the combination.

Keith Anderson. He lived in Rapid City, South Dakota and in 1953 he began building VHF signal boosters; the kind that received a distant signal on a hill or mountain top, and then after changing the channel of the received signal, retransmitted the service on a new channel to a home or community up to 20 miles distant. Anderson was the most creative designer, and the least well publicised, to hit the TV business in the 1950s. By the 1980s he would be the most skilful designer of low cost satellite receiver systems as well, but that is another story.

(continued next month)



WTFDA 2002

Oklahoma City

July 26-28

Time to make your reservation for this year's convention at the Hampton Inn, I-40/Garth Brooks in Yukon, OK. Our special rate is \$55/night for 1 or 2 adults (kids stay free). You will need to call the Hampton Inn direct at (405) 350-6400 to make your reservation. Be sure to mention that you'll be there for the WTFDA convention. Hurry! The reservation deadline is June 26 for this special rate! During your stay at the Hampton Inn you'll enjoy a free, hot breakfast each morning and cookies and milk at night. The Hampton has an indoor pool and a weight room.

Getting to Oklahoma City is easy! The city is at the crossroads of three major interstates (I-40, I-44 and I-35). Will Rogers World Airport is served by several major airlines, including Southwest, American, United and Delta (check out the airport website at flyokc.com for more info).

What's on tap for the convention? Thursday night there's an early-bird get-together in the Bricktown entertainment district. Friday the meeting room opens at 10AM so you can pick up your registration packet. The room will be open all day for you to get together with other DXers. Pig out that evening with pizza and hot wings in the meeting room. We may also have a special tour or visit radio stations that day. Saturday morning starts off with station tours and seminars and concludes with the banquet and business meeting at the nearby Interurban Grill. The meeting room will be open all day Sunday for everyone to spend some more time chatting and saying goodbyes. Throughout the convention we'll also have a room set aside for those who want to DX, so bring your gear!

Do you have a seminar topic you would like to see covered, or would you like to present a seminar? Please note it on the registration form below. Saturday evening we'll have an auction to benefit the club. If you have items you'd like to donate for the auction, also note that on the form.

For more info on the convention, check out the club website or FMDXWeb.com, e-mail me at Jpzondlo@aol.com, send snail mail to 4009 Driftwood Circle, Yukon, OK 73099, or call me at (405) 354-1530. To register, copy or clip the form below, fill it out and send it in. See you there!

John Zondlo, WTFDA 2002 Convention Host

WTFDA 2002 Convention Registration Form

Name: _____

Address: _____

City, State/Province, Zip/PC: _____

E-mail: _____ Phone: _____

Arrival date/time & mode of transportation: _____

Seminar topics I'd like to see covered: _____

_____ Registration Fee (\$15) enclosed (not required at this time)

_____ I will attend the early bird get-together Thursday, June 25

_____ I will bring items to donate for the auction (if so, please include a list of items).

Remember, you must make your motel reservation yourself. Make checks payable to John Zondlo. Banquet not included in registration as you'll be able to order from the menu. Send this registration to John Zondlo, 4009 Driftwood Circle, Yukon, OK 73099.

Sign Up/Renewal form

Name _____

Address _____ Apt # _____

City _____ State/Prov _____ Zip _____

Country _____ Interests: TV () FM () 30-50() Weather()

email address _____

Sign me up/renew me for: 1 year () 2 years () More ()

Yearly dues \$24 to US addresses, \$26 to Canada and Mexico
\$38 to the rest of the world (payable in U.S. Funds)

Mail your dues to: WTFDA, P.O. Box 501, Somersville, CT USA 06072

Make your checks/money orders payable to: DAVE JANOWIAK

And *thanks* for your support of the WTFDA!

Return this form with your dues or make a copy of it and return that.

Editors and Submissions

Send your reports and station info to these folks.

THE MAILBOX and all general club correspondence:

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Please Remember To Make Your Renewal Checks Payable to Dave Janowiak
Checks made payable to WTFDA may be returned and your renewal may be delayed.