

Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

MARCH 2007

The Magazine for TV and FM DXers

CONVENTION 2007!



23
MONTHS
REMAINING UNTIL
ANALOG TV SHUTOFF

WHERE IS THIS TOWN AND WHY IS IT SO SPECIAL???

Look Inside

WinTV-HVR-950
hybrid video recorder



WHAT IS THIS?
Page 21



TV and FM DXing was never so much fun!

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, BRUCE HALL, KEITH MCGINNIS AND MIKE BUGAJ.



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Chris Kadlec, Peter Baskind and John Zondlo,
Our website: www.anarc.org/wtfda Our forums: www.wtfda.info

MARCH 2007



Finally! For those of you online with an email address, we now offer a quick, convenient and secure way to join or renew your membership in the WTFDA from our page at:

<http://fmdx.usclargo.com/join.html>

Dues are \$25 if paid to our Paypal account. But of course you can always renew by check or money order for the usual price of just \$24. Either way, it's still a bargain!

VUDS ON A CD!

Every VUD from Jan 1980 to December 1989 is on this disk. You'll need Adobe Reader to read them. Why have a box of old VUDs taking up space when you can have this. **It's yours for just \$8.00 per disk.** Send your check or money order for \$8.00 to WTFDA, P.O. 501, Somersville, CT 06072. Make it payable to **WTFDA.**



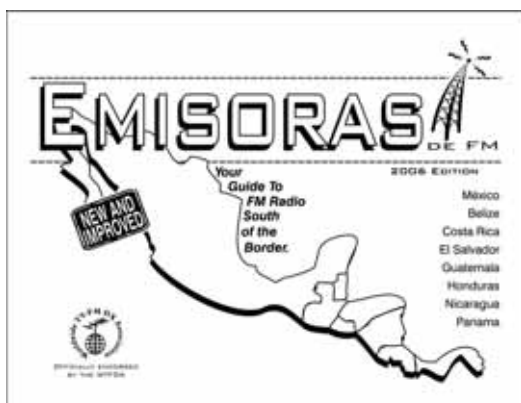
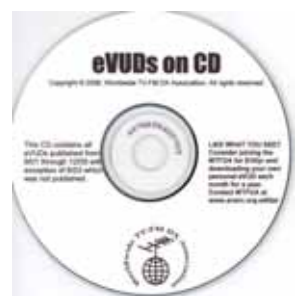
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And a very slow DX month. SFM and NFM will return when DX allows.

And now... eVUDS ON CD!

All eVUDs from 09/01 through 12/05 are on this disc (except 8/02 which was not published). Follow the changes from day one to the present form. **You can have it for just \$6.00** (\$5.00 plus a dollar shipping). Use the same address as for VUDs on CD shown on the opposite column. Have a great month!



NEW!!! Emisoras de FM

BY JIM THOMAS

Everything you needed to know about FM radio South of the Border!

To order your copy of the 2006 WTFDA Mexican/ Central American FM Directory, send a check or money order for **\$16.50** payable to WTFDA and send it to Keith McGinnis, 6 Ritter Rd., Hingham, MA 02043. (For Paypal orders, send \$17.50 to mbugaj@snet.net. Use the comment box for any instructions.)

See much more at
<http://fmdx.usclargo.com/emisorasdefm/>



The Mailbox

P.O. Box 501, Somersville, CT USA 06072
MIKE BUGAJ MBUGAJ@SNET.NET

Yes Virginia, We Have a Convention!

Friday, August 31, 2007 through Sunday, September 2, 2007.

Rodeway Inn, 1115 North Curtis Road, Boise, ID 83706

The First ever Combined National Radio Club/WTFDA Conventions!

Yes, you read it right! The National Radio Club and the Worldwide TV-FM DX Association will hold their first-ever combined convention in Boise, ID from August 31st through September 2nd. This convention will be hosted by WTFDAer and NRCer **Frank Aden**. Members of the NRC/WTFDA and their families are invited, as are also non-members. Registration for club members is \$15, spouses are \$10 and kids under 14 are free. The cutoff date for registering with the club(s) is August 15, 2007; with the hotel, August 20, 2007.

So, if you are interested, start thinking about a trek to Boise this summer. History will be made at this convention, so be there!

SKIP!

Who knows where it came from or what set it off, but some rare February Florida E skip showed up on the morning of Feb 14 (St. Valentines Day) which was observed by DXers in NJ and New England and made its way into FM briefly for a few minutes. This event happened in the middle of a snow & ice storm in the region. It was probably a little something to take our minds off our misery for a while. It worked.

YOUR DUES MONEY AT WORK

Recently our forum webmaster Chris Cervantez advised us that we would need to move our Forum site (wtfda.info) and our email reflectors to a different host. Chris and website webmaster Tim McVey chose Dreamhost for our new host and the club paid for a two-year commitment. Chris moved the WTFDA Forums there, both email reflectors were established at the new host and Tim began work on a new WTFDA website under the domain name wtfda.org. All in all, the move went smoothly. WTFDA.info is up and running, the email lists are back to normal and the WTFDA website at www.wtfda.org is being overhauled. The old WTFDA website at anarc.org is still in

existence and will continue to be until all the work is done.

MEMBERS AND MORE

This month we say hello to **Craig Rathbone** in Denver. Craig is a ham and a contributor on the WTFDA's tvfmdx email reflector. Glad to have you with us, Craig!

We have lots of renewals this month (mail received from 1/17 to 2/17): **Scott Hood** (MA), **James Nahirniak** (MI), **David Challis** in NZ, **Charles Burnham** (NY), **John Jefferson** (WA), **Robert Fischer** (AK), **Glen Hale** (IN), **Jeff Rostron** (MA), **Bruce Elving** (MN), **Paul Hanson** (MA), **Dan Dankert** (CA), **Jeff Wolf** (MD), **Pete Oprisko** (IN), **Wally Dickson** (MA), **Robert Steadman** (WI), **Robert Grant** (MI), **Barry Shinall** (VA), **George Rogers** (GA), **Richard Porter** (IL), **Bill Higgs** (CA) and **Gary Siegel** (OH). It's an honor to have you all here for another year.

DELAYS IN THE APRIL VUD

The April VUD and eVUD will be delayed for the first time since I've been publishing. I don't expect the VUD to be finished and sent to the printer until April 1st at the earliest, with mailing on the 7th, if all goes well. My wife and I have some family business on the other coast to attend to and I will not be taking a computer or checking email, so don't email from the 23rd to the 30th. Thanks for your understanding.

Gary Hickerson writes "I read the Mailbox (Feb. eVUD), the section about The Good Old Days (1950s-1964). It really was. I guess my first "caught" was about 1957. It was ch2 from Billings, MT. I lived in Ft. Smith, AR then. It grew from there. In 1958 (summer) there was such a pileup of stations, I un-hooked the stacked conical yagi and hooked up rabbit ears to separate the signals. Nice problem to have! (Think we'll have that problem two years from now? I think not. -mike)

From **Gary Siegel**: "The VUD looks as good as ever. Its info is valuable in trying to expand TV-FM logs. I have 712 TVs, so getting new ones is hard to do. So also with FM where

I have 987. I hope to reach 1000 this year and with WTFDA and good condition's help I'll be able to attain this milestone. Digital on FM and TV is not helping analog but so it goes. Keep up the good work! (Just think, Gary, just 23 more months of analog left! Then it's Es from Canada, Mexico and whatever exotic places we can pull in. Right now I'm watching WCBS-2 in New York fading in and out and thinking that I should enjoy looking at this because in a short time it will all be gone. Then I'll have to be satisfied looking at a black screen and hoping something decodes. Oh well. -Mike)



Well, it's not a QSL card, but this is what's on the envelope that Charles used to send in his renewal. Could it be that WABC 7 and Charles have some type of relationship? Could be.

Richard Porter sends this short note: "Please renew my subscription to the VHF-UHF Digest. I enjoy it very much." Richard is out there in Wood Dale, IL and thanks for the nice words.

Last month I asked you hams to send along your QSL card and this month you will find the QSL card of **Randy Davis** at the very end of Peter's 6m/2m column. I have one other card here from **Dan Dankert** in Tustin, CA, but I'll have to save it for next month. It's four sides (not kidding) with two great color photos, a DX autobiography and equipment information. There is a possibility we might meet up with Dan and his wife at the end of March. I hope it works out.

Bob Garchak writes: About six months or more ago I wrote to you about being able to pick up WLLS-CA ch49 in Indiana, PA and then no longer being able to. Well you came up with the answer of then WNPA-TV (now WPCW ch19 in Jeannette, PA) being on the air digital-wise was the reason I no longer could get WLLS-CA. To my knowledge WPCW has not been granted ch49 yet for digital use so how could they be on the air? (go to www.w9wi.com...Doug Smith's website...and you will find: Jeannette, PA WPCW-DT 431.0 302.8 E 40°23'34"N 79°46'54"W DT-APP CW. They are on the air, or the FCC has lied to Doug). I do believe they are still in the application stage yet. Since that time this past fall I was able to pick up WLLS 49 during a skip-DX situation. It's too bad I didn't have a video recorder handy back then that could have sent WLLS-TV a tape proving I did indeed pick up their station. Is it possible that they may have changed direction of their signal, a new building or something went up in my area deflecting their signal or even a

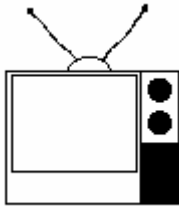
section of their antenna is not sending their signal my way anymore? It really befuddles me. (It confuses the heck out of me also - Mike)

In case you weren't aware, WBPA-TV low power ch 30 came on the air on Dec 16, 2006. It began testing in Oct '06 with a beautiful test pattern. It is another story when they came on the air. Their picture won't lock in. I don't know if it is at the station itself or maybe their satellite feed. They are affiliated with a channel known as GNF, or Games and Music Channel. The games part of their programming is such as skiing, snowboarding, power boat racing and etc. For me it is the same scenario all over again with low power TV as it was when high power UHF got started back in 1953. Along with WBPA 30 there are channels 29, 35, 47, 59, 61 and 69, and the local newspaper (the Pittsburgh Post-Gazette) doesn't even recognize the fact that they exist. The must-carry laws don't cover low power stations and they have to pay through the nose to be carried such as WBGN-LP 59 Pittsburgh. One last question, does the mandated Feb '09 dare include low-power to digital also. (I can't tell you...I'm too confused...but check Doug's TV News in the 2006 VUDs because I'm sure he touches on this subject).



No, the WTFDA has not gone into the mail delivery business against the USPS, but if we did, DX Mail would be a priority. Actually DX Mail is a private mail delivery service in Australia. John Ebeling saw this article during his trip to Australia and New Zealand, and sent it here. He thought DX Mail was unique. And it is, so here is the article. If you are reading the eVUD just zoom in to read it. If you read the paper VUD, get out the magnifying glass.

That's all this time! Remember we will be late next month. See you then.



TV News

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March 2007

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
DC	Converted to DTV	PR	Power change requested
DCC	Digital Companion Channel	QC	Channel (frequency) change on the air
DG	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		

News:

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



CANADA:

Newfoundland & Labrador

Glenwood	7	CJSG-TV	SI, proposes deletion
St. Alban's	13	CJST-TV	SI, proposes deletion
Swift Current	10	CJSC-TV	SI, proposes deletion

Ontario:

London	26	NEW	AF 560kw/ 272m, // CKXT-TV
Ottawa	54	NEW	AF 180kw/ 333m, // CKXT-TV
London	19	NEW-DT	AF 8.1kw/ 282m, // CKXT-DT
Ottawa	62	NEW-DT	AF 9.9kw/ 333m, // CKXT-DT



PUERTO RICO:

San Juan	32	WTCV-DT	PR>50kw/ 847m, 18-18-36/ 65-47-41
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USA:

Alabama:

Dothan	59	WDTH-LP	CC from WUJF-LP
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Alaska:

Fairbanks	2	KATN	PG>26.7kw/ 218m, 64-55-20/ 147-42-49
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Arizona:

Flagstaff	23	K23HB	PG 10w, 35-14-28/ 111-36-35; NW
Tucson	7	K54FW	QR from ch. 54, 50w, 32-14-57/ 111-06-59

Arkansas:

Springdale	39	KSBN-DT	PR<35kw
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California:

Arcata	22	KAEF-DT	NW 50kw/ 535m, 40-43-39/ 123-58-17
Bakersfield	18	K18HD	FC; sold to KVPT-18
Bakersfield	34	KVPT-LP	XG 35-26-16/ 118-44-28
Barstow	16	K16GE	NW 3kw, 34-53-07/ 116-53-45
Ceres	15	KBSV-DT	PG 18.6kw/ 151m, 37-29-32/ 121-13-28
Chico	6	KEFM-LP	XG 39-43-37/ 121-40-45
Chico	43	KHSL-DT	PR>235kw/ 469m

Chico	51 KBIT-LD	NW 2.4kw, 39-12-20/ 121-49-10	Miami	19 WSFL-DT PC<239m
Chico	59 K59IG	XG 39-43-37/ 121-40-45 (app to ch. 38 still pending)	Miami	48 WFUN-LD DR 15kw
Coalinga	27 KJKZ-LP	XC 36-44-45/ 119-16-57	Orlando	59 WTMO- CC from WPXG- CA LP
Forest Falls	30 KNLZ-LP	QR from ch. 29 dismissed	Panama City	69 WCTU-LP CC from W69DH
Los Angeles	25 KNET-LP	PR<44kw, 34-12-48/ 118-03-41; from no offset to zero	Port St. Lucie	40 WSLF-LP QR from ch. 35 dismissed
Redding	2 KMCA-LP	PC<20w, 40-33-51/ 122-26-00	Georgia:	
Redding	29 KMSX-LP	PG>52kw, 40-29-18/ 121-53-58	Albany	10 WALB PR>297m
Redding	42 QGSX-LP	PG<850w, 41-21-30/ 122-12-21	Atlanta	23 W24AL QC from ch. 24, 18.1kw, 33-48-26/ 84-20-22
San Diego	43 KBOP-CA	PC<4.1kw, 32-41-48/ 116-56-10	Baxley	35 WGSA-DT PR 1000kw/ 349m, 32-02-48/ 81-20-27
Santa Rosa	40 K40IB	PR>11.4kw, 38-30-31/ 122-39-41; CL from Cloverdale	Blairsville	28 WDWW- NW 87kw, LP 34-30-32/ 83-48-27
Ukiah	44 KTJH-LP	PG 1.04kw, 39-06-57/ 123-13-56	Macon	16 WGXA-DT PR<216m
Colorado:			Hawaii:	
Boulder	46 K54DK	QR from ch. 54	Hilo	38 KHOH-LP CC from WDCN- LP
Denver	18 KRMA-DT	PG 115kw/ 331m, 39-40-17/ 105-13-06	Holualoa	26 K26HL NW 5w, 19-43-16/ 155-55-05
Denver	23 KDEO-LP	PG>50.2kw; CL from Aurora	Kula	17 K17GR NW 5w, 20-39-36/ 156-21-50
Glenwood Springs	7 K07GD	DR 4w	Lihue	69 K69BZ PG<580w, 21-58-36/ 159-29-54; PC
Grand Junction	2 KREX-DT	NW 800w/28m 39-05-17/ 108-33-58	Idaho:	
Connecticut:			Pocatello	47 K47JK DR 15kw, 42-51-30/ 112-31-10
New London	26 WHPX	PG>385m; PC	Illinois:	
Springfield	34 WESA-LP	XR 42-07-12/ 72-24-25; CL from Granby	Rochelle	49 WCHU-LP DR from ch. 61, 15kw (John Hancock Center, Chicago)
Stamford	17 W17CD	PC<75kw, 41-03-54/ 73-32-04	Rockford	42 WQRF-DT PR<900kw/ 148m, 42-17-14/ 89-10-15
Stamford	27 W27CD	XR 41-03-41/ 73-32-03; XG; XC	Indiana:	
Delaware:			Evansville	36 W56DN QC from ch. 56, 13.5kw
Rehoboth Beach	59 WRDE-LP	PR<160w	Evansville	41 WTSN-LP QC from ch. 63
District of Columbia:			Terre Haute	39 WFXW-DT PR 850kw/ 248m, 39-14-33/ 87-23-29; PG
Wash-ington	5 WTTG	PG 94kw/ 243m	Iowa:	
Wash-ington	20 WDCA	NS 957kw/ 207m (aux)	Iowa City	25 KWKB-DT NW 1000kw/ 419m
Florida:			Sioux City	39 KMEG-DT NW 1000kw/ 611m
Kissimmee	40 WKME-CACC	LP from WTMO- LP	Kansas:	
Lake City	39 WUJF-LP	CC from W39BZ	Colby	19 KWKS-DT PG 464kw/ 383m, 39-14-31/ 101-21-38
Melbourne	32 W59CX-D	DR from ch. 59, 1.5kw, 28-08-12/ 80-42-13	Pittsburg	54 KJCJ-LP NW 9kw, 37-24-47/ 94-38-14 (TBN; app. for ch. 20 still pending)
			Wichita	53 KGPT-CA CC from KTQW- CA
			Kentucky:	

Beattyville	65 WLJC-TV	Requests permission to go dark & become DTV-only on channel 7	37-09-19/ 113-52-53
Martin	32 WVVK-LP	CC from W45CR	
Louisiana:			
Lake Charles	45 K45HY	PG 2kw, 30-18-42/ 93-20-15	
Lake Charles	69 K69IX	PR 50kw, 30-16-05/ 93-14-45; PG	
Maryland:			
Lake Shore	69 WQAW-LP	PG<39.8kw, 38-58-02/ 76-15-31	
Massachusetts:			
Boston	32 WBPX	QR from ch. 68 dismissed	
Boston	24 WFXZ-CA	PC>45kw	
Cambridge	41 WLVI-DT	XG 346m, 42-18-10/ 71-13-07	
Springfield	41 WSHM-LD	NS rescinded	
Michigan:			
Cedar	12 WLLZ-LP	PC>1.23kw; CL from Traverse City	
Jackson	34 WHTV-DT	PR>13.6kw	
Minnesota:			
Duluth	43 WDIO-DT	NW 54kw/ 274m	
Olivia	47 K47JE	PG 2.04kw, 44-45-33/ 94-52-23; NW (3Abn)	
Wadena	47 K47JC	NW 5.3kw, 46-26-18/ 95-06-09 (3Abn)	
Mississippi:			
Columbus	43 WMAA	req. to switch from digital to analog dismissed	
Houston	45 WKDH-DT	NW 537kw/ 491m (flash-cuts from analog)	
Missouri:			
Aurora	40 KNJE-LP	QR from ch. 58 dismissed	
Columbia	32 KZOU-LP	PR<33.1kw	
Joplin	43 KODE-DT	PR<269m; PG	
Montana:			
Great Falls	8 KFBB-DT	PG>31kw/ 143m	
Hardin	22 KHMT-DT	PR<248m; PG	
Hardin	58 KQHD-LP	CC from K58HS	
Helena	14 KTVH-DT	PG 21.5kw/ 689m	
Missoula	7 KPAX-DT	NW 22.5kw/ 654m	
Nebraska:			
North Platte	30 KMBB-LP	FC; sold to religious organization	
Nevada:			
Las Vegas	12 KTNV-DT	NW 9.55kw/ 568m (aux)	
Las Vegas	13 KTNV	NW 67.6kw/ 568m (aux)	
Mesquite	45 KWVB-LP	PG<1kw,	
New Hampshire:			
Derry	35 WZMY-DT	NW 7.3kw/ 205m	
New Jersey:			
Camden	22 WNJS-DT	PG 197kw/ 264m	
New Brunswick	8 WNJB-DT	PR 11.2kw/ 296m, 40-45-22/ 73-59-12, site in NYC	
Newark	68 WFUT-TV	PC<424m	
New Mexico:			
Albu-querque	47 K56FB	PR>62.8kw	
Portales	46 K46IN	PG>18kw, 34-15-08/ 103-14-20	
New York:			
Port Jervis	20, W20CM, 26, W26DB, 32, W32DC, 34, W34DI, 46, W46DQ, 52, W52DW, 55 W55DK	PR<200w, 41-21-49/ 74-40-41; PG	
North Carolina:			
Cullowhee	47 W23AF-D	DR from ch. 23, 1kw	
High Point	8 WGHP	PC 300kw/ 398m, 35-48-46/ 79-50-29; NW 48kw/347m (aux)	
Lake Lure	51 W51EE-D	XR 35-40-10/ 82-00-24	
Ohio:			
Toledo	34 WBTL-LP	PR>100kw	
Zanesville	18 WHIZ-TV	PR<115m	
Oklahoma:			
Beaver	34 K56AY	DR 15kw, 36-48-45/ 100-32-10	
Lawton	25 K25IC	PG 110w, 34-33-57/ 98-23-23; NW	
Shawnee	29 KTUZ-DT	PG 770kw/ 474m, 35-33-36/ 97-29-07, the KOCB-34 tower	
Tulsa	33 K69GO	QR from ch. 69 dismissed	
Oregon:			
Grants Pass	50 K50FW	PC>2.81kw, 42-24-43/ 123-16-54	
Rainier	21 K21HG	PG 2.2kw, 46-09-46/ 122-51-05; see also Longview, Wash.	
Riley	10 KQRE-LP	CC from K19GC	
Roseburg	18 KTVC-DT	PG 35kw/ 220m, 43-14-08/ 123-19-18	
Roseburg	25 K25FG	XR 43-14-08/ 123-19-18	
Sunriver	24 K57CH	QR from ch. 57, 4kw	
Pennsylvania:			
Erie	54 WQLN	PC>271m,	

42-02-34/
80-03-56
 Mansfield 43 W43CJ PG 6.3kw,
 41-54-36/
 77-00-40
Scranton 32 WQPX QR from ch. 64
dismissed

Rhode Island:
Block Island 17 WPXQ QR from ch. 69
dismissed

South Carolina:
Beaufort 16 WJWJ-TV PG<388m,
32-42-42/
80-40-54; PC
Myrtle Beach 18 WFXB-DT NW 1000kw/
459m

South Dakota:
Eagle Butte 13 KPSD-TV PG<516m,
45-03-14/
102-15-47
Lowry 11 KQSD-TV PC<295m,
45-16-38/
99-59-10
Vermillion 2 KUSD-TV XG 43-03-01/
96-47-01

Tennessee:
 Lenoir City 24 WDTT-LP PR>31.5kw

Texas:
Abilene 29 KRBC-DT PR<258m,
32-16-38/
99-35-51
 Amarillo 46 K46HQ NW 100w,
 35-13-53/
 101-46-42
 Amarillo 48 K59HG QR from ch. 59
 dismissed
Arlington 42 KPXD QR from ch. 68
dismissed
 Bryan 18 KSCM-LP PR>54kw; PG
Dallas 36 KDFI-DT PG 1000kw/ 495m
El Paso 38 KSCE PG>400kw, 31-
48-19/
106-28-59
 Fort Stockton 21 K21JF AF reinstated; NS
 10kw,
 30-52-00/
 102-48-55
 (Univision)
 Gainesville 69 KBFW-LP XR 33-00-20/
 96-58-59
 Greenville 53 KNOK-LP PG>50kw,
 32-50-36/
 96-33-48
Harlingen 34 KLUJ-DT PG 45kw/ 283m
 Laredo 39 KXOF-CA CC from KNEZ-LP
 Lubbock 6 KFMP-LP PG>3kw
Lubbock 27 KAMC-DT PR<219m,
33-31-33/
101-52-07
Lubbock 35 KJTV-DT NW 1000kw/
274m
 Lufkin 42 KLNLM-LP PC>50kw,
 31-21-32/
 94-40-19
 New
 Braunfels 14 KNTA-LP QR from ch. 62
 Odessa 46 K46HN XG 31-54-30/
 102-14-29
 Paris 64 K64GQ PG<10w,
 33-39-42/
 95-30-42

Raymond-ville 46 KRYM-LP QR from ch. 55,
 100w

San Angelo 16 KSAN-DT PR<160m
 Wichita Falls 40 K40HZ PG 110w,
 33-53-51/
 98-32-32; NW
Wichita Falls 28 KFDX-DT PR<274m

Utah:

Cedar City 35 K35HG DR 300w
 Cedar City 45 K45HD PC>1.47kw
 Cedar City 47 K47IS DR 300w
 Kanarrville 47 K47HU DR 40w
 Minersville 17 K17HX-D PR>130w
 New Castle 49 K49IF NW 250w,
 37-42-14/
 113-44-29 (KCSG-
 4)
 Rural Beaver 19 K19GS-D PR>150w
Vernal 6 KBCJ PG 83.2kw/ 676m,
40-21-22/
109-08-41

Vermont:

Rutland 20 W69AR QR from ch. 69,
 600w

Virginia:

Arlington 15 WFDC-DT PG 325kw/ 173m
 Gate City 7 WKTP-LP PR>1.3kw
 (amendment of
 previous
 application for
 260w)
 Luray 23 WDWA-
 LP PG 150kw,
 38-44-30/
 77-50-07

Washington:

Longview 17, K17GV, PG 2.2kw,
 41, K41IP, 46-09-46/
 44 K44HM 122-51-05; see
 also Rainier, Ore.
 Pullman 46 K46HV PG 130w,
 46-42-51/
 117-10-15

Wisconsin:

Wausau 6 W06CA PG>1kw,
 44-53-17/
 89-39-07

Wyoming:

Casper 13 KCWY PG>15.9kw/
572m,
42-44-37/
106-18-24
 Cheyenne 40 KKTU-LP FC; sold to KDEV-
 33
 Laramie 61 K61DX FC; sold to KDEV-
 33
 Pinedale 39 KKBT-LP CC from K39GC
 Rawlins 21 K21CV FC; sold to KDEV-
 33

A slow month this month.



WTFDA FM NEWS

Bringing you the most recent FM changes in the U.S. and Canada!

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MAR 2007

There isn't really a whole lot to report for the past month of February – almost 500 less changes than last month's column. So here's a little extra:

Scott Knoblauch of Greenville, SC has been denied a 35% "new entrant bidding credit" in the upcoming auction of FM broadcast permits.

The credit is available to bidders who are new to broadcasting - who do not already hold an "attributable" ownership interest in any existing stations.

Knoblauch holds the sole management interest, and sole membership, in the Kansas City Trust, LLC, (KCT) licensee of KCHZ-95.7 and KMAJ-107.7 in Kansas. Cumulus (or subsidiaries) assigned both licenses to KCT, in order to acquire other stations in the Kansas City market. Cumulus transferred the licenses to ensure they no longer held an attributable interest - they wished to acquire other stations in Kansas City, and would have gone over the multiple ownership limit if they'd retained KCHZ and KMAJ.

Knoblauch requested a wavier, arguing that he's only an interim trustee of the two stations and will not benefit from their eventual sale. However, the FCC ruled that Knoblauch does have the right to control the operation of the stations, affecting programming and other decisions.

Further, the Commission seemed very reluctant to create a situation where no party would hold an attributable interest in these two stations! They did indicate Knoblauch could have qualified for a new entrant bidding credit by transferring the stations to someone else before the December 19, 2006 filing deadline for Auction #70. Of course, now it's too late.

INDEX OF ABBREVIATIONS

AF	applied for (a new station)
AFA	American Family Association
Aux	Auxiliary antenna (backup)
CC	call letter change
CL	city of license change
CX	a construction permit has been cancelled
C1-C5	change in status to that FM license class
DA	directional antenna
DE	station has been deleted
FC	format change
GA	granted amendment to table of FM allocations
GE	granted extension of construction permit
GX	granted replacement of expired permit
LC	license to cover filed (ready to come on air)
MC	multiple-city ID
NC	no change yet on a reported change or permit
ND	non-directional antenna
NO	not on the air

NS	new station granted
NW	new station signs on
OSA	one step application granted for change
PA	proposed amendment change to FM allocation table
PC	power change on the air (> = increase, < = decrease)
PG	power change granted (> = increase, < = decrease)
PR	power change requested
QC	frequency change occurred
QG	frequency change granted
QR	frequency change requested
RA	silent station returns to the air
RE	station requests an extension on permit
ROA	request of applicant
RX	station requests replacement of expired permit
SC	slogan change or update
SI	station is silent
SOA	signed on the air
XA	dismissed amendment to FM allocations
XC	transmitter site change occurred
XG	transmitter site change granted

UNITED STATES and CANADA

CANADA

Alberta / AB

Cochrane	95.3 CFIT-FM-n / NS, 100w. Originally granted but requested 99.1 frequency given to CBC instead
Edson	94.3 CFXE / QG from AM, 11kw/117m, 53-38-47/116-32-26
Grande Prairie	98.9 CIKT-FM / QR from 103.3, 266m. To move from CBC tower to CJXX-93.1 tower.

British Columbia / BC

Atlin	98.7 NEW / NS 36w, to relay CKRW- 610
Prince George	88.7 CFUR-FM / AF 510w-H/108m, 53-53-36/122-48-52 (to replace temporary 4-watt station)

New Brunswick / NB

Bon Accord	107.5 NEW / AF 75.7kw/302m, 46- 38-57/67-35-35 (CBZC-103.3 tower), to relay CBAF-FM
Plaster Rock	91.7 CJJC-2 / QR from 990 AM, 50w/25m
Saint John	107.3 CFMH-FM / QR from 92.5, 250w/51m due to interference from CFRK-92.3

Newfoundland and Labrador / NL

Carbonear	103.9 CHVO / QR from 560 AM, 30kw/124m, 47-43-13/53-12-54, country
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Nova Scotia / NS

Glace Bay	89.7 NEW / AF 6kw/49m, community
Kentville	89.3 NEW / AF 30kw/251m, chr
Sydney	93.1 NEW / AF 50kw/86m, adcon
Sydney	97.1 CBI / QR from 1140 AM, 100kw/123m
Sydney	100.9 NEW / AF 23.4kw/168m, chr

Sydney 101.9 NEW / AF 100kw/123m, classic rock
 Sydney 103.5 NEW / AF 26.5kw/170m, rock

Ontario / ON

Arnprior 107.7 CHMY-FM-1 / QG from 104.7, 1kw, to avoid new CJRC-FM in nearby Gatineau, Que.
 Cambridge Chapleau 107.5 CJDV-FM / PR>20kw/69m
 95.9 CHAP-FM / NS 40w-V/4m, 47-50-36/83-24-01, independently-owned relay of CHYC-FM Sudbury
 Goderich 104.9 NEW / NS 5.33kw/110m, 43-40-42/81-42-31, adcon
 Hawkesbury 107.7 NEW / AF 875w/137m, English easy listening
 Leamington 92.7 NEW / AF 4kw/145m, country
 Newmarket 102.7 NEW / NS, 5w-H/19m, 44-02-49/79-27-08, Pickering College
 Sioux Lookout 104.5 NEW / AF 50w/60m, chr
 Thunder Bay 91.5 CKPR / QG from 580 AM, 96kw-H/309m, 48-31-27/89-06-53 (CJSD-94.3/CKTG-105.3 tower)

Québec / QC

Fontenelle 97.3 NEW / AF 43w/256m, to relay CJRG-FM
 La Sarre 100.7 NEW / AF 4.29kw/55m, to relay CHLM-FM (Premiere Chaîne/"CBC French")

Yukon Territory / YK

Inuvik 98.7 NEW / NS 44w, to relay CKRW-610

UNITED STATES

Alabama / AL

Dadeville 100.3 WKGA / PR 3.2kw/139m, 32-46-20/85-40-08
 Fort Deposit 102.3 WAMI-FM / PR>100kw/218m, 31-39-57/86-43-06; CL from Opp
 Prattville 95.1 WFXF / PC 5.4kw/334m, 32-24-13/86-11-47

Alaska / AK

Akiachak 87.9 NEW / AF 50w/23m, 60-54-34/161-25-53 Use of Channel 200 87.9 MHz is restricted to existing displaced full service Class D noncommercial educational stations. See 47 CFR 73.501. Channel 200 is not available for use by other station classes and services.
 Juneau 100.7 KXLL / granted switch from commercial to non-commercial
 Juneau 102.7 KRNN / granted switch from commercial to non-commercial
 King Salmon 92.1 164234 / NS 100kw/91m, 58-44-40/156-58-32

Arizona / AZ

Clarkdale 95.9 KKLD / PR 100kw/451m, 34-58-05/111-30-29; CL from Cottonwood
 Kingman 91.9 90917 / NS 30kw/882m, 35-06-35/113-52-51 (AFR)
 Lk. Havasu City 89.3 KAIH / PR<1.2kw-V/-67m
 Meadview 107.9 KVGS / PR 100kw/537m, 35-50-11/114-19-08; CL from Laughlin, Nev.
 Morristown 99.5 KRPH / PR 50kw/150m; CL from Yarnell
 Sedona 102.9 KQST / PR 22.5kw/799m, 34-41-11/112-07-02
 Wickenburg 96.3 KSWG / PR 41kw/852m, 34-14-03/122-22-01
 Yarnell 99.5 KRPH / CC for NS

Arkansas / AR

Calico Rock 97.1 KJMT / CC from KEZG
 Kensett 105.7 KFXV / CC from KKSX

California / CA

Adelanto 101.5 KPTG-LP / PC>19m
 Bayside 91.5 KNHM / PR>480w/525m, 40-43-38/124-58-22
 Big River 94.7 KFLG-FM / req. CL from Kingman, Ariz.
 Camarillo 101.5 KOCP / PR>43kw/160m, 34-24-47/119-02-13
 Cayucos 94.9 KPYG / req. CL from Cambria
 Cazadero 106.3 KGRP / req. CL from Jenner
 Geyserville 98.7 KSXY / PR 2.65kw/153m, 38-44-08/122-50-55; CL from Middletown
 Gridley 97.7 KHHZ / req. CL from Oroville
 Huron 88.3 KDKL / req. CL from Coalinga dismissed
 Lodi 89.7 KLRS / CC from KLRM
 Los Angeles 100.3 KRBV / CC from KKBT
 McFarland 104.3 KBQF / CC for NS
 Middletown 91.9 KLVR / req. CL from Santa Rosa
 Placerville 92.1 KCCL / CC from KXCL
 Riverdale 98.3 KZLA / PR>18.97kw/81m, 36-32-38/120-00-22; CL from Huron
 Riverdale 98.3 KZLA / PR>18.97kw/81m, 36-32-38/120-00-22, CL from Huron dismissed
 Shafter 89.5 KAIB / PR 40kw/150m
 Shasta Lake 96.5 KIHP-LP / QG from 93.9, -32m, 40-43-01/122-19-49
 Woodland 101.5 KMJE / PR 6kw/54m, 38-34-45/121-43-58; CL from Gridley
 Yuba City 104.7 KCYC-LP / PC>31m

Colorado / CO

Burlington 99.3 KPCR / CC for NS
 Deer Trail 93.7 KLMR-FM / QR from 93.3, 299m, 39-21-39/103-41-22; CL from Lamar
 Dinosaur 100.3 NEW / AF 100kw/300m, 40-03-26/108-39-46
 Gypsum 102.5 KQZR / PR<240w/851m, 39-46-30/106-50-45; CL from Craig
 Lamar 93.5 KLMR-FM / QC from 93.3; QR to 93.7 still pending
 Leadville 90.9 KTOL / PG<-207m but adds 450-V (was H-only)
 Nunn 96.9 KIMX / QR from 96.7, 6kw/100m, 40-46-51/104-53-15; CL from Laramie, Wyo.
 Redlands 106.1 KRZX / PR<1.55kw/383m, 39-04-01/108-44-39; CL from Monticello, Ut.
 Silverton 104.1 NEW / AF 6kw/-562m, 37-49-11/107-39-23
 Telluride 91.7 KOTO / PC 8.4kw/-68m, 37-55-59/107-49-59
 Walden 93.1 NEW / AF 25kw/14m, 40-40-42/106-33-00

Connecticut / CT

Niantic 107.3 WNLN-LP / NW 100w/1m, 41-18-27/72-12-31

Florida / FL

Cedar Key 99.9 170182 / AF 6kw/100m, 28-40-50/82-33-50
 Daytona Bch. 94.5 WCFB / PR 93.5kw/453m, 28-55-16/81-19-09
 Ebro 95.1 WBPC / XR 30-26-20/85-49-04
 Edgewater 88.9 WKTO / PC>29kw-V/72m, 29-01-32/81-05-15
 Estero 92.1 WUSV / CC for NS
 Gainesville 94.7 WGOT-LP / PG 59m, 29-41-12/82-26-48
 Greenville 90.3 WYJC / PR>12kw
 Inglis 99.3 WFBI / PR 6kw/100m, 29-09-13/82-26-18
 Jupiter 99.5 WNEW / CC from WJBW-FM
 Key Largo 90.9 WGES-FM / req. drop H, go V-only
 Melbourne 95.1 WBVD / PR>4.3kw/118m, 28-08-12/80-42-13
 Panama City 91.7 WFFL / NW 310w/63m, 30-10-48/85-38-10 (WJFM)

Plantation Key 100.3 WCTH / PC>141m, 24-57-34/80-34-30
San Carlos Park Sebring 98.5 WDEO-FM / CC from WUSV 91.5 WJFH / PG>16kw/138m, 27-22-52/81-29-28
Sebring 95.7 WGSE-LP / NW 100w/28m, 27-30-43/81-26-54

Georgia / GA

Demorest Lumpkin 88.3 WPPR / PG>7.3kw/194m 88.5 WTMQ / PR>25kw/164m, 31-59-20/84-55-59
Savannah 91.1 WSVH / PR>96kw-V/431m, 32-08-48/81-37-05
Valdosta 88.5 WVDA / PR<55kw/87m

Guam / GU

Agana 89.3 KPRG / PR>9.2kw/162m

Hawai'i / HI

Kaunakakai 102.3 KMKK-FM / NW 1.9kw/360m, 21-07-55/157-11-31
Wahiawa 103.5 KHAI / NW 2.2kw-H/1.9kw-V/597m, 21-23-51/158-06-01 (K-Love)

Idaho / ID

Aberdeen Kimberly Lewiston Parma 99.5 KOPI / CC for NS 102.1 KISY / req. CL from Twin Falls 88.9 KLCZ / CC from KLHS-FM 101.1 KMCL-FM / PR>100kw/451m, 43-24-09/116-54-09; CL from McCall
Preston 96.7 KKEX / PR<63m

Illinois / IL

Glendale Hts. 94.3 WJKL / req. CL from Elgin

Indiana / IN

Cannelton 105.7 WTCJ-FM / PC 2kw/178m, 37-47-44/86-50-58; CL from Tell City
Edinburgh Mitchell Princeton 100.3 WYGB / QR from 102.9, 6kw 102.5 WPHZ / CC from WQRJ 100.5 WSJD / PG>6kw-V (increase V power to match H)
Seymour 91.5 WJLR / PR 30kw/116m, 38-49-20/85-47-38
South Bend 103.9 WRBR-FM / XR 41-41-53/86-09-20

Iowa / IA

Des Moines Stuart 99.1 KFMC-LP / CC for NS 107.9 KKRF / XC 41-27-40/94-29-22

Kansas / KS

Burlingame 98.5 KSAJ-FM / PR>69kw/351m, 39-00-22/96-02-57; CL from Abilene
Dodge City Hill City Hutchinson 89.9 KAIG / PR>75kw/212m 90.5 KZNA / XR 39-15-57/99-50-00 95.9 KWHK / NW 2.85kw/149m, 38-02-57/98-00-44 (traditional calls from defunct KWHK-1260)
Hutchinson Hutchinson Newton 95.9 KWHK / CC from KJKC 97.1 KGGG / CC from KSKU 92.3 KFTI-FM / CC from KMXW
Rozel Rozel Rozel 102.5 KKCV / PR<149m 102.5 KKCV / PG<149m 102.5 KKCV / NW 100kw/149m, 37-57-28/99-25-45
Sterling 94.7 KSKU / CC from KGGG

Kentucky / KY

Hopkinsville Shepherdsville 94.9 WPJI-LP / QC from 94.5 105.1 WLRS / PR 1.8kw/181m, 38-04-36/85-46-11
Smith Mills 94.5 WRFM / req. add 6kw-H (was V-only); CL from Wadesville, Ind.
Stanford 96.3 WXKY-FM / PC 4.9kw/223m

Louisiana / LA

Dubach Ruston Sulphur Tallulah 97.7 KNBB / CC from KPCH 99.5 KPCH / CC from KNBB 89.1 KRLR / PR 16kw-V/120m 97.5 KTJZ / PG<60m, 32-24-40/91-11-37

Maine / ME

Sanford 88.5 WSEW / PR>169m, 43-25-05/70-48-04

Maryland / MD

Hagerstown Waldorf 89.1 WGMS / CC from WETH 104.1 WXGG / CC from WGMS

Massachusetts / MA

Dennis 96.3 WRZE / PR<25kw/91m, 41-43-46/70-10-01; CL from Nantucket

Michigan / MI

Bear Lake 100.1 WCUZ / PG>3.8kw/126m, 44-30-14/86-10-51

Mississippi / MS

Senatobia State College 88.9 WKNA / FC; sold to AFR 104.5 WQJB / PR 12kw/145m, 33-22-04/88-41-39

Missouri / MO

N. Kansas City 107.3 KMJK / PR<299m, 39-05-40/94-05-47; CL from Lexington

Montana / MT

Belt Butte Choteau Fairfield Great Falls 101.7 KZUS / CC for NS 88.1 KFRT / CX, DE ROA 102.1 KEAU / CC for NS 103.7 KUUS / CC for NS 91.9 KFRW / NW 50kw/142m, 47-49-13/111-47-56 (Family Radio)
Pablo Superior 102.1 KCTP-LP / QG from 106.7 107.5 KENR / CC from KLTC-FM

Nebraska / NE

Bridgeport Humboldt 101.3 KMOR / CC from KOLT-FM 102.3 NEW / AF 7kw/100m, 40-03-22/95-57-26
Plattsmouth Scottsbluff 106.5 KOPW / CC from KCTY-FM 92.9 KOLT-FM / CC from KMOR

Nevada / NV

Alamo 105.5 NEW / AF 800w/916m, 37-21-07/115-19-30
Las Vegas 91.1 KVKL / PG>15kw/316m, add H (was V only)
Laughlin 102.3 KJJJ / req. CL from Lake Havasu City, Ariz.
Moapa 94.5 KMOA / req. CL from Caliente

New Jersey / NJ

Cherry Hill Dover Newark 89.5 WKVP / CC from WSJL 105.5 WDHA-FM / PR>2kw 105.9 WQBU-FM / CC from WCAA

New Mexico / NM

Hurley 105.7 KSIL / CC from KWNM

New York / NY

Bronxville 103.9 WFAS-FM / req. CL from White Plains
Hoosick Falls 97.5 WHAZ-FM / PC 420w/361m, 42-51-49/73-13-59
Keeseville 104.3 WWOD / PR>25kw/88m, 44-31-32/73-31-09; CL from Hartford, Vt.
Lake Luzerne 94.7 WBAR-FM / PR 930w/254m, 43-18-17/73-45-07

New York 90.7 WFUV / AF 2.5kw/133m, 40-48-48/73-57-47 (to use licensed booster as aux)
New York 90.7 WFUV / NS 2.5kw/133m, 40-48-48/73-57-47 (use booster WFUV-FM-2 as aux)
New York Portville 102.7 WWFS / CC from WNEW 96.7 WFRM-FM / PR<460w/155m, 42-03-04/78-25-11; CL from Coudersport, Penna.
Rouses Point 88.7 WKYJ / PC 420w/4m
Schoharie 97.3 WMYJ / PR 800w/273m
Vestal 103.3 WMXW / PR>520w
Wellsville 93.5 WQRW / NW 1.1kw/234m, 42-11-25/77-49-17
Westhampton 98.5 WBZB / CC from WBON-FM

North Carolina / NC

Bessemer City 105.3 WAGI-FM / PR<308m, 35-13-57/81-16-35; CL from Gaffney, S.C.
Buies Creek 90.1 WCCE / PR>3.2kw/48m, 35-24-20/78-44-31
Buxton 99.9 WHDX / PR<17m, 35-15-43/75-31-23; drop V, go H only
Buxton 101.5 WHDZ / PR<20m, 35-15-43/75-31-23; drop V, go H only
Candler 95.7 WGNW-LP / QG from 103.9, 7m, 35-33-15/82-38-52
Carrboro 97.5 WQOK / PR<50kw/150m, 35-58-39/78-48-58; CL from South Boston, Va.
Shalotte 103.7 WBNE / CC from WBNU
Wrightsville Bch. 93.7 WNTB / CC from WBNE

North Dakota / ND

Fargo 101.9 KRWK / CC from KKBX
Kindred 92.3 KFNL / CC from KFAB-FM

Ohio / OH

Alliance 92.5 WZKL / PC<49.7kw-V (from 50kw... and remains 50kw-H)
Amelia 99.5 WAOL / PR<2kw/175m, 39-06-25/84-05-50; CL from Ripley
Circleville 107.1 WNKK / CC from WAZU
Enon 101.5 WKSW / QR from 101.7, 6kw/71m, 39-52-49/84-03-56; CL from Urbana
Enon 102.9 WDHT / req. CL from Springfield
Gahanna 104.9 WCVO / PR 2.8kw/100m, 40-07-10/82-50-10
Huber Heights 97.7 WSWO-LP / CC from WOXR-LP
Lexington 89.5 WFOT / PG>360w/93m, 40-43-36/82-36-59
North Canton 101.7 WHOF / PC>6kw/81m, 40-49-22/81-25-41; CL from Dover

Oklahoma / OK

Hugo 105.1 NEW / AF 6kw/100m, 33-57-21/95-34-30
Lawton 90.3 KQRS / PR>13.5kw/96m, 34-46-34/98-19-05
Mustang 99.7 KNID / PR<21kw/237m, 35-33-51/97-51-31; CL from Alva
Norman 89.3 KSSO / NW 2.3kw/50m, 35-132-22/97-26-21
Okemah 103.7 KESC / PG>72kw/282m, 35-15-47/96-22-43; CL from Wilburton
Pawhuska 103.9 KOSG / CC from KBVL

Oregon / OR

Baker 88.1 KDJC / PR>6kw
Butte Falls 105.9 170164 / AF 6kw/-96m, 42-36-19/122-24-38
Gleneden Bch. Gov't Camp 88.5 KQAC / CC for NS 94.3 KTIL-FM / PR>3.4kw/513m, 45-20-01/121-42-45; CL from Tillamook (in Government Camp)
Merrill 105.7 951102MA / AF 110w/666m, 42-05-48/121-37-57
Netarts 94.3 NEW / AF 14kw/135m, 45-27-56/123-58-11
North Powder 89.5 KEFS / PR>520w
Prineville 93.1 NEW / AF 430w/668m, 44-26-17/120-57-12

The Dalles 97.7 KACI-FM / PR>9.6kw/328m, 45-24-36/121-28-03
West Linn 96.3 KWLZ-FM / PR<2.9kw/297m, 45-29-20/122-41-40; CL from Warm Springs

Pennsylvania / PA

Philadelphia 94.1 WYSP / PG 9.6kw/338m, 40-02-30/75-14-12
W. Middlesex 103.9 WWIZ / req. CL from Mercer

Puerto Rico / PR

Culebra 89.3 WJVP / PG>50kw/174m
Culebra 106.5 WJZG / CC from WXZX
Juncos 98.9 WYAS / CC from WTTP

South Carolina / SC

Hartsville 95.9 WHEZ-LP / QR from 95.3
Hartsville 95.9 WHEZ-LP / QG from 95.3
Ridgeville 100.9 WPAL-FM / PC<87m

South Dakota / SD

Ipswich 97.1 KZBR / CC for NS
Ipswich 107.9 KABD / CC from KZBR
Reliance 94.5 KPLO-FM / PC>95kw/301m

Tennessee / TN

Dyersburg 90.7 WKNQ / FC; sold to K-Love
Henderson 95.7 WFKX / PR 4.4kw/117m
Lakesite 105.1 WALV-FM / QR from 104.9, 850w/268m, 35-15-20/85-13-34; CL from Dayton
Oak Ridge 94.3 WNFZ / PR>8.8kw/166m dismissed ROA
Somerville 107.9 WQFR-LP / NW 100w/30m, 35-14-31/89-19-03

Texas / TX

Abilene 90.5 KAGT / CC from KAGT-FM
Bryan 99.5 KNFX-FM / PR<83m, 30-39-09/96-20-16
Cameron College Station 105.1 KNVR / QC from 94.3, 15kw 89.9 KLGs / NW 8.4kw-V/109m, 30-28-35/96-25-57 (AFR)
Del Rio 89.9 KDLI / NW 1kw/52m, 29-25-24/100-54-21 (AFR)
Dilley 106.1 NEW / AF 6kw/100m, 28-36-06/99-06-21
Dublin 93.1 KSTV-FM / PG<7kw/178m, 32-10-59/98-17-12
Hardin 90.7 990520MD / NS 200w-H/2kw-V/57m, 30-10-06/94-44-29
Houston 90.1 KPFT / PC>100kw
Madisonville 91.5 KHML / PR 95kw/104m
Mission 105.5 KQXX-FM / PR>6kw
Olney 104.3 KAHA / PR>150m, 33-23-21/98-38-34
Pampa 90.9 KAVO / PC>17kw
Quanah 100.9 KWFB / CC from KIXC-FM
Rocksprings 92.5 KHES / CC for NS
Rocksprings 106.9 KDRX / CC for NS

Utah / UT

Smithfield 99.1 KGNT / QR from 103.9, 6kw/-40m, 41-48-44/111-47-31

Virginia / VA

Bristol 90.7 NEW / AF dismissed (AFR, WVTF) Mutually exclusive with WEHC-90.7 power increase.
Colonial Hts. 95.3 WKHK / PG>50kw/150m, 37-26-22/77-26-02
Emory Hillsville 90.7 WEHC / PG>500w
Manassas 101.1 WWZE-LP / PC 42m 107.7 WTWP-FM / req. CL from Warrenton
Virginia Beach 102.1 WXTG / CC from WWHV
Williamsburg 103.5 WRRW-LP / CC from WYOU-LP

Washington / WA

Auburn 89.9 KGRG-FM / CC from KGRG

Chelan 93.5 KOZI-FM / PC 600w/316m, 47-51-02/119-52-26
 Manson 94.7 KZAL / NW 10.34kw/158m, 47-51-16/120-09-59
 Olympia 96.1 KXXO / PR 65kw/717m, 47-18-46/123-22-15
 Oroville 93.1 KGTC-LP / CC for NS

West Virginia / WV

Elizabeth 95.1 WXIL / req. CL from Parkersburg
 Parkersburg 106.1 WRZZ / PR 3.3kw/138m, 39-14-47/81-28-19; CL from Elizabeth

Wisconsin / WI

Evansville 105.9 WWHG / CC from WKPO
 Mineral Point 95.5 170131 / AF 6kw/94m, 42-50-23/90-11-46
 Mount Horeb 106.7 WJQM / CC from WSLK
 Platteville 89.1 WSSW / NW 60w/171m, 42-45-51/90-24-20 (Wis. Public Radio)

Wyoming / WY

Albin 104.3 KKAW / QR from 107.3, 4.5kw
 Bar Nunn 92.5 KDAD / PR<5.3kw/437m, 42-45-30/106-19-23; CL from Douglas
 Casper 96.7 KMGW / PR 2.1kw/560m
 Clearmont 104.9 KLQQ / QR from 104.7, 100kw/368m
 Douglas 100.5 KTED / PR>10kw/437m, 42-45-30/106-19-23; CL from Douglas
 Fort Bridger 103.9 KNYN / QR from 99.1, 89kw-H/647m, 40-52-16/110-59-43
 Hanna 103.3 KHNA / PR>100kw/299m, 41-49-58/105-57-42
 Jackson 89.1 KURT / FC; sold to Jackson Hole Community Radio
 Laramie 96.7 KIMX / PC 4.8kw/313m, 41-17-15/105-26-39
 Lusk 96.3 KQWY / CC for NS
 Manville 98.9 KOUZ / CC for NS
 Warren AFB 92.9 KMOR / PC<33kw/185m, 41-04-35/105-12-10; CL from Scottsbluff, Nebr.
 Wheatland 107.3 KPAD / QR from 107.5, 100kw-H/299m, 41-36-09/105-04-51

AUXILIARY CHANGES

Arizona / AZ

Tucson 94.9 KMXZ-FM / NW 17.5kw/?m, 32-17-23/111-01-06 (aux) (suspect 29m as same site as KZPT-104.1's aux)
 Tucson 104.1 KZPT / NW 2.9kw/29m (aux)

California / CA

Los Molinos 102.1 KCEZ / NW 6kw/81m (aux)
 Sacramento 88.9 KXPR / AF 3.1kw/76m, 38-33-10/121-25-09 (aux)
 Sacramento 90.9 KXJZ / AF 17kw/80m, 38-33-10/121-25-09 (aux)

Florida / FL

Clermont 88.7 WMYZ / NS 1.15kw-V/100m, 28-38-56/81-44-09 (aux)
 Sarasota 102.5 WHPT / NW 87kw/367m (aux)

Georgia / GA

Valdosta 95.7 WQPW / PR>70m (aux)
 Willacoochee 99.5 WKAA / PR>66m (aux)

Illinois / IL

Springfield 91.9 WUIS / NW 500w/133m (aux)

Indiana / IN

Cannelton 105.7 WTCJ-FM / NW 60w/148m, 37-47-44/86-50-58 (aux)

Iowa / IA

Des Moines 100.3 KDRB / NW 25kw/413m (aux)

Minnesota / MN

Barnesville 95.1 KRVI / NS 15kw/80m, 46-49-09/96-45-56 (aux)
 Barnesville 95.1 KRVI / PG<80m, 46-49-09/96-45-56 (aux)

Mississippi / MS

Lumberton 95.3 WZNF / NS 12.5kw/114m, 30-27-30/89-04-46 (aux)

Missouri / MO

St. Louis 91.5 KSIV-FM / NW 17.1kw/155m (aux)

Nebraska / NE

McCook 96.1 KICX-FM / AF 6kw/74m, 40-10-17/100-41-04 (aux)
 McCook 98.5 KRKU / AF 1kw/43m, 40-12-45/100-38-56 (aux)
 McCook 98.5 KRKU / NS 1kw/43m, 40-12-45/100-38-56 (aux)

Pennsylvania / PA

Mt. Carmel 99.7 WVRZ / AF 400w/165m (aux)
 Mt. Carmel 99.7 WVRZ / NS 400w/165m (aux)

South Carolina / SC

Columbia 97.5 WCOS-FM / AF 84kw/298m (aux)
 Columbia 97.5 WCOS-FM / NS 84kw/298m (aux)

Tennessee / TN

Harriman 92.7 WBZH / AF 100w/202m, 35-55-41/84-34-49 (aux)
 Harriman 92.7 WBZH / NS 100w/202m, 35-55-41/84-34-49 (aux)

SOURCES

Government: Canadian Radio-Television and Telecommunications Commission (CRTC), Federal Communications Commission (FCC)
Individuals: Doug Smith

This report includes a total of 297 changes to the FM dial. Of these, 25 are auxiliary changes.



-Chris Kadlec
 FM News Editor



PHOTO-NEWS

Jeff Kruszka, Editor
 12516 Short Springs Dr.
 Pearland, TX 77584
 jkruszka@sbcglobal.net

March 2007

EVEN BETTER IN **COLOR!** CHECK OUT THE eVUD

After a long hiatus, Matt Sittel returns with more DX from Bellevue, NE:



WSBT-DT-30 South Bend, IN
 505 mi Tr seen 7/16/06
 @0359 CT



WISN-DT-34 Milwaukee, WI
 433 mi Tr seen 7/15/06
 @2019 CT



WMEC-DT-21 Macomb, IL
 276 mi Tr seen 6/30/06
 @2129 CT



WREX-DT-54 Rockford, IL
 355 mi Tr seen 7/30/06
 @0854 CT



KTTC-10 Rochester, MN
 248 mi Tr seen 7/16/06
 @1659 CDT



WIBW-13 Topeka, KS
144 mi Tr seen 6/26/06
@0658 CT



KYOU-15 Ottumwa, IA
207 mi Tr seen 8/1/05
@0729 CT



WKOW-DT-26 Madison, WI
355 mi Tr seen 7/16/06
@0337 CT



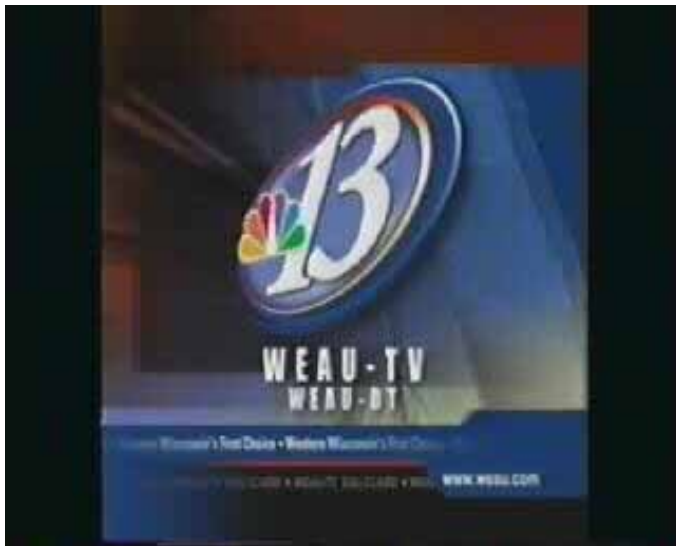
WHWC-28 Menomonie, WI
342 mi Tr seen 7/17/06
@0001 CT



WTMJ-DT-28 Milwaukee, WI
432 mi Tr seen 7/16/06
@0355 CT



WYZZ-DT-28 Bloomington, IL
354 mi Tr seen 6/30/06
@2114 CT



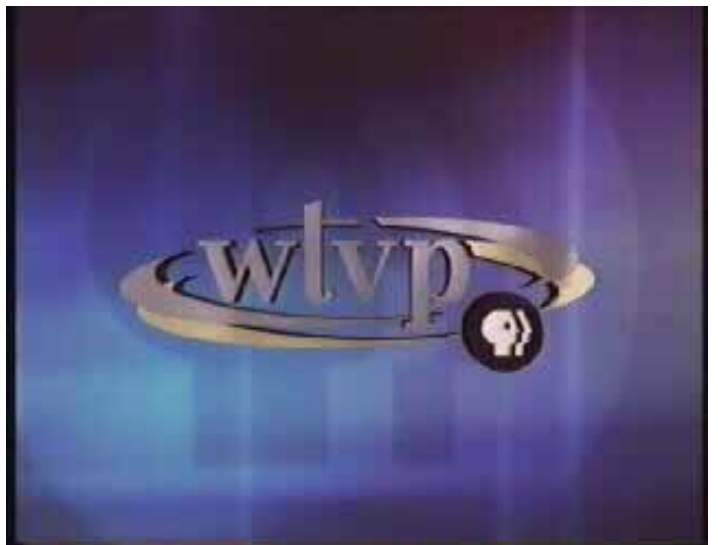
WEAU-DT-39 Eau Claire, WI
352 mi Tr seen 7/15/06
@1559 CT



WKBD-DT-41 La Crosse, WI
312 mi Tr seen 7/16/06
@0452 CT



WDJT-DT-46 Milwaukee, WI
433 mi Tr seen 7/15/06
@2014 CT



WTVP-DT-46 Peoria, IL
334 mi Tr seen 6/30/06
@2157 CT



KDMI-DT-56 Des Moines, IA
130 mi Tr seen 11/6/06
@0615 CT



WHBF-DT-58 Rock Island, IL
285 mi Tr seen 7/15/06
@2226 CT



WACY-DT-59 Appleton, WI
 462 mi Tr seen 7/15/06
 @2129 CT



WOI-DT-59 Ames, IA
 130 mi Tr seen 11/6/06
 @2200 CT

Please make a note of my new address.
 73's,
Jeff

Hauppauge Win HVR-950 continues from page 21

recording at a lower rate; the software defaults to whatever resolution it claims for the program. Analog would take less space on the hard drive though, something like 2 GB/hour. If I were to use this to collect shows of any length, I'd have to bring an external hard drive along to move the files off the 30 GB laptop hard drive... I'd run out of space quickly-I could only get about 7 minutes on a 700 MB CD (my Dell laptop has CD-RW but only DVD-R capabilities).

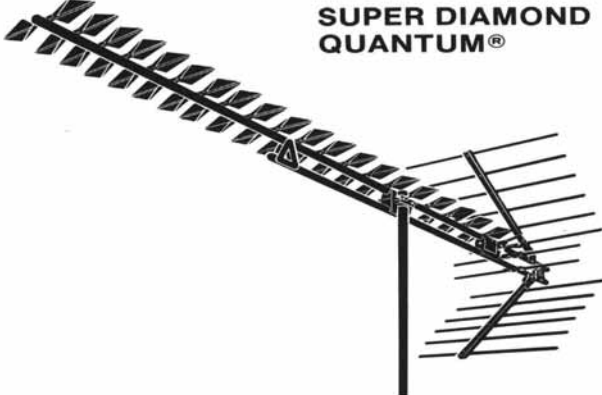
If you're looking for a DX unit for your desktop, the HVR isn't as good as the WinTV-D. But I purchased this for the ability to sample DTV programming when I travel. Save for a few quirks with capturing the programming, this should serve its purpose (although I can't imagine any DTV signal locking when the car is moving-I'll have to try that sometime). But it won't be replacing my WinTV-D or my Accurian set top box for day-to-day DXing.

Matthew C. Sittel

WTFDA EMAIL REFLECTORS

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The WTFDA list...send an email to tvfmdx-subscribe@wtfda.info	195 subs
The WTFDA AM DX list...send to amdix-subscribe@wtfda.info	85 subs





Eastern U.S. TV DX

Featuring reports from AL, CT, DC, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, and WV, along with the Canadian Provinces of NB, NF, NS, ON, PEI, and PQ.

Send reports by the 15th of each month to:

Nick Langan
 1040 Riverview Drive
 Florence, NJ 08518
 E-mail: nick.langan@gmail.com

The Editor's Note

A few E-Skip openings made it to the TV band across the east in February, and the South seems to be experiencing decent trop at the present time. The countdown to warmer weather and the full DX season continues. Some meteorologists are hinting at a warmer than normal Summer, which while making the energy bill unhappy, may make for a happy DXer later this year.

Jim Pizzi 100 County Road 28 Palmyra, NY 14522
 (315)597-5898

Equipment: RS VU-90 10' AG; Channelmaster 7363 Indoor 2-83 Amp

11/23 Tr

0036 CHCH-41 41 ON Sudbury "CH"
 Strong
 0044 CJOH 13 ON Ottawa Over WHAM
 0053 CJOH-47 47 ON Pembroke //CJOH-13
 0119 CBLT-6 9 ON Sudbury //CBLT-5
 0141 CHRO-4 43 ON Ottawa "A" Bug LR
 0146 CICA-51 51 ON Penetanguishene TVO o/WPXJ-51
 0152 CBLFT-11 55 ON Barrie //CBLFT-25
 0219 CJFP 35 QC Montreal //CFGS-34
 0415 CFVS 25 QC Val-D'Or "Nature" FF
 0437 CHCH 67 ON Muskoka "CH" Snow Free
 0654 WJRT 12 MI Flint News until past 10 AM with Ads, WX, Snow-Free w/CCI
 0850 CBET 9 ON Windsor CBC
 0855 WXYZ 7 MI Detroit "Nutcracker" Promo in Detroit GMA
 0900 CBLN-2 34 ON Sarnia Kids singing about CBC //CBLT-5
 0904 WHME 46 IN South Bend "Harvest" Net
 0908 WINM 63 IN Angola TBN Logo LR
 0913 CBLFT-10 48 ON Chatham FF, CBC Logo
 0916 CBLFT 54 ON Windsor //CBLFT-10
 0928 WLLA 64 MI Kalamazoo End of "Life Anew" "Christian Life" @ 0931
 0930 WTVS 56 MI Detroit PBS
 0930 WWJ 62 MI Detroit In since around 0800 Snow-Free at times

0945 CBLFT-17 68 ON Sarnia FF u/o WSYT-68

0954 WKBD 50 MI Detroit CW 50 w/"Judge Mathis"

11/24 Tr

0947 WPGH 53 PA Pittsburgh FOX 53 Bug

11/25 Tr

0200 W25AQ 25 PA Towanda //WVIA-44
 0208 W20BL 20 NY Bath //WYDC-48

12/12 Tr

0730 WGTE 30 OH Toledo ID, Calls in Lower Case

0731 WNWO 24 OH Toledo 20kz CCI to WCNY-24

12/16 Tr

2245 WYOU 22 PA Scranton Snow-free
 2250 WNEP 16 PA Scranton Reduced WXXI-DT Power

2251 WHAM 13 NY Rochester On AUX power? Snowy

12/25 Tr

0040 WWJ 62 MI Detroit
 0042 WKBD 50 MI Detroit "CW 50"

0045 WDWB 20 MI Detroit Ethnic movie from India

0046 CIII-2 31 10 kz. CCI u/WUHF-31
 0047 CIII-29 29 20 kz. CCI to WUTV-29, over @ 0142

0051 CICO-24 18 ON London TVO
 0055 WJRT 12 MI Flint ABC12.com

0058 WEYI 25 MI Saginaw Heavy CCI to CBLFT-25

0100 CBLFT-8 61 ON Kitchener
 0104 CBLFT-9 53 ON London

0112 CKCO-3 42 ON Sarnia

0113 WZPX 43 MI Battle Creek
 Infomercial
 0114 WTVS 56 MI Detroit Bug LR
 0119 WGVU 35 MI Grand Rapids PBS
 0139 WTC Rebuilding
 0121 WPXD 31 MI Ann Arbor Strong
 CCI to WUHF
 0122 WHME 46 IN South Bend
 Tentative
 0126 CHCH-2 51 ON London Floating
 under WPXJ-51 //CHCH-11
 0128 WSYM 47 MI Lansing WFMK
 Promo, "FOX 47" Bug
 0132 WOTV 41 MI Battle Creek Auto
 loan ad?
 0134 CBLN 40 ON London //CBLT-5
 0135 WSMH 66 MI Flint Tent., weak
 frame
 0136 WLLA 64 MI Kalamazoo Tent.,
 weak frame
 0151 WJYS 62 IL Chicago Tent., 10kz.
 CCI to WWJ-62
 0153 WAQP 49 MI Saginaw Tent.
 1049 CKNY 11 ON Huntsville Snow-free
 1051 CICA-13 13 ON Huntsville TVO,
 u/o WHAM-13
 1052 CFCO-21 21 ON Orillia u/o WXXI-
 21
 1054 CIII-7 7 ON Midland Buried
WKBW-7
 1058 CBLFT-2 8 ON Huntsville
 //CBLFT
 1126 CIVO 30 QC Hull Snow Free
 1127 CHOT 40 QC Hull over WBGT-LP,
 near snow-free

Says Jim: "My 9/8/06 unid on Ch.41 @
 0223, heading towards Watertown was a
 PAX network affiliate and //to Channels 51
 & 56. CIII-41 had a program about dirt
 bikes. Very cold and totally dead band
 tropes, some MS, no E-Skip. First full year
 here, pretty good DX location.."

Roy Barstow

P.O. Box 2488 Teaticket, MA 02536

roybarstow@hotmail.com

8/2 Tr

0730 WTAT 24 SC Charleston 779 mi.
WEPX 38 NC Greenville 562
WUNJ 39 NC Wilmington 660
WPXV 35 NC Jacksonville 577
 0930 WYDO 14 NC Greenville 562

8/3 Tr

1010 WSFX 26 NC Wilmington 660
WUNU 31 NC Lumberton 640

8/17 Tr

1225 WRAZ 50 NC Raleigh 600
WPDE 15 SC Florence 688
WFPX 62 NC Fayetteville 616
WNCT 9 NC Greenville 562

9/8 Tr

0900 W14CM 14 DE Dover

WHMM 32 DC Washington
WETA 26 DC Washington
 2100 W24,W39,W53 from Eastern VA
9/16 Tr
 2000 CIVS 24 QC Sherbrooke 269
CFKS 30 QC Sherbrooke 269
CIVC 45 QC Trois Rivieres 353
CKFM 16 QC Trois Rivieres 353

9/19 Tr

0010 CBHFT5 46 NS Middleton 377
CBHT7 52 NS Digby 324
CIHF10 45 NS Yarmouth 279
CIHF2 42 PEI Charlottetown 481
CIHF12 21 NB St. Stephen 300
CKLT 9 NB Saint John 345
CIHF 8 NS Halifax 408
 2400 CIHF4 18 NS Truro 452

9/20 Tr

0010 CBAFT5 31 PEI Charlottetown 481
CBCT 13 PEI Charlottetown 481
CBHT8 55 NS Truro 452
CIHF8 34 NS New Glasgow 482
CBHFT2 7 NS Mulgrave 535
CBHT3 11 NS Yarmouth 279
CBHT6 8 NS Middleton 377
CBHT11 12 NS Mulgrave 535
CBHFT1 3 NS Yarmouth 279
CJCH 5 NS Halifax 408
CHSJ 4 NB Saint John 345
CJCH6 6 NS Caledonia 336
 0325 CBHFT7 15 NS New Glasgow
 482

10/8 Tr

1050 WUNP 36 NC Roanoke Rapids 533
WNCN 17 NC Goldsboro 592
WRDC 28 NC Durham 591
WUNM 19 NC Jacksonville 577
WRAY 30 NC Wilson 570
WTVD 11 NC Durham 591
WTVD-DT 52 NC Durham 591
WUNC-DT 59 NC Chapel Hill 591
WRDC-DT 27 NC Durham 591
WRPX-DT 15 NC Rocky Mount 560
WNCN-DT 55 NC Goldsboro 592
WMDT-DT 53 MD Salisbury
WRAY-DT 42 NC Wilson 570
WHRO-DT 16 VA Hampton

1600 WRAL-DT 53 NC Raleigh 600
 2230 WMYT 55 NC Rock Hill 730
 2245 WMYV 48 NC Winston-Salem

10/9 Tr

0010 CBHT10 24 NS Weymouth 315
CIHF10 45 NS Yarmouth 279
 0045 CBHFT8 34 NS Weymouth 315
 2100 W23,W24,W34,W36,W39,W53,W63
 from Eastern VA

11/25 Tr

1845 WSFX 26 NC Wilmington 660
WITN 7 NC Washington 555
WRPX 47 NC Rocky Mount 560
 1945 WFXI 8 NC Morehead City 550

12/26 Tr

1440 WMFP-DT 18 MA Lawrence

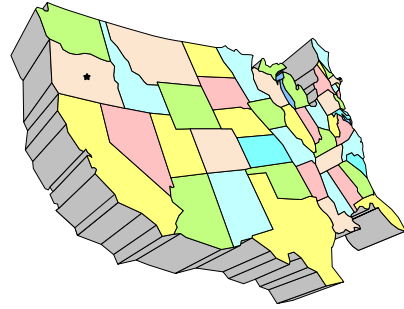
WESTERN TV DX

DAVE WILLIAMS

3525 SW Timber Ave

REDMOND, OR 97756

beansdad@bendcable.com (541) 420-4704



Jeff Kruszka

12516 Short Springs Dr.
Pearland, TX 77584

All From Baton Rouge, LA

November 2006

				CT
8 tr	2024	KVDA	60 TX	445
	2028	KWTX-DT	53 TX	365
	2038	KAKW	62 TX	390
	2053	KTLM	40 TX	545
9 tr	1736	Austin U's	TX	395
		KVDA	60 TX	445
		KNIC	17 TX	445
	1749	KENS-DT	55 TX	445
	1753	KLRU-DT	22 TX	445
		KLRU	18 TX	445
	1754	KEYE-DT	43 TX	395
	1853	KSAT-DT	48 TX	445
	1857	unid 15 DTV sync lock	- Victoria?	
	1904	KWEX	41 TX	445
	2330	KAKW	62 TX	390
		KWTX-DT	53 TX	365
24 tr	1153	KTVT	11 TX	395
	1154	KFWD	52 TX	395
	1155	KDFW	4 TX	365
		WFAA	8 TX	365

December 2006

15 tr	2106	WVEA	62 FL	575
	2107	WFTS	28 FL	550
	2112	WMPV-DT	20 AL	180
	2126	WXPX	66 FL	560
17 tr	0421	WEAR	3 FL	230
	1955	WFSU	11 FL	405
	2058	WTWC	40 FL	405
	2143	WEAR-DT	17 FL	230
	2148	WFBD-DT	48 FL	280
	2152	WLGA	66 AL	370
	2156	WTJP	60 AL	390
	2159	WRBL-DT	15 GA	390
	2217	WLTZ	38 GA	390
	2254	WHSG	63 GA	490
	2315	WTVM	9 GA u/WAFB	390
	2332	WJSP	28 GA	390
	2343	WAIQ	26 AL	315
	2354	WUPA	69 GA	455
	2358	WTVY	4 AL	340
18 tr	0007	WXIA-DT	10 GA	455
		WXIA	11 GA	455
	0016	WTBS	17 GA	455
	0017	WUVG-DT	48 GA	515
	0019	WHNT-DT	59 AL	400
	0032	WGCL-DT	19 GA	455
	0036	WAAY-DT	32 AL	400
	0638	WBIQ	10 AL	330
	0644	WTBS-DT	20 GA	455
	0648	WUPA-DT	43 GA	455
	0702	WATC	57 GA	455
20 Es	2215	KLBYt	4 KS	
		unid 5		

January 2007

5 tr	2222	KENS-DT	55 TX	445
	2226	KNIC	17 TX	445
	2230	KENS	5 TX	445
8 Es	1655	KDLV	5 SD	990
	1725	WIVB	4 NY	1095
	1853	WNEMt	5 MI	
	1914	unid	4-6 SS	

Well folks, the end of an era has arrived. After living in Baton Rouge, LA for the last 14 years, I've finally moved on to a hopefully better job and a change of pace in Houston, TX. I think I accomplished a lot DX-wise in BR, and the final onslaught of DTV's in December pushed me over the 100 DTV mark and was very satisfying. I'll have some final photos in an upcoming Photo News. I'm currently living in a rental house while we build our dream house, so my DX setup won't be much for a while. My final tallies from Baton Rouge:

Station Total:	782
Es Total:	162
LPTV Total:	126
DTV Total:	101
UHF Total:	515
LA Total:	121
Furthest Tr:	XHCLV-22 Las Lajas, VE (850 mi)
Shortest Es:	WSMV-4 Nashville, TN (465 mi)
Furthest Es:	KWSE-4 Williston, ND (1390 mi)
Furthest low-band VHF Tr:	WJXT-4 Jax, FL (560 mi)
Furthest hi-band VHF Tr:	WITV-7 Charleston, SC (680 mi)
Furthest LPTV Tr:	W17CK Port Charlotte, FL (600 mi)

73's, Jeff

Dennis Park Smith

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

This report is for January 2007. As in recent months, there continues to be some tropo which is not expected much or at all this time of the year, along with the Southern California coast to San Diego/Tijuana, up to 200mi/320km. As usual, this is only with indoor whip and bowtie antennas.

12/31 eve - Jan 1 am	None
Jan 1 eve - Jan 3 eve	Poor (VHF fair 3 eve)
Jan 4 - 9	None (weather front, windy)
Jan 10	Poor to fair
Jan 11 - 16 am	None (wx front, windy 11 am, COLD!)
Jan 16 eve	Poor (surprise, still cold)
Jan 17 - 18 am	None (rain 17 aft, still cold)
Jan 18 eve	Very poor
Jan 19 am	None
Jan 19 eve	Very poor
Jan 20 - 22	None (20 wx front, slightly warmer)
Jan 23 - 26	Variably fair to good
Jan 26 eve - Feb 3 am	None (rain)

Best of DX to all, Dennis

NEW HAUPPAUGE HVR-950 COMPUTER CARD

WinTV-HVR-950 hybrid video recorder



I haven't seen it mentioned here, but Hauppauge has 2 new HDTV ready products. One is a PCI card (similar to the WinTV-D), while the other is a USB unit. CompUSA has both for sale this week-I saw it in the paper today and checked the web page. \$69 on the former, \$79 on the latter. I plan on getting the USB one.

Links to the product descriptions:

http://www.hauppauge.com/pages/products/d_ata_hvr950.html

http://www.hauppauge.com/pages/products/d_ata_hvr1600.html

Matt Sittel

The 1600 looks like the WinTV-D but without any output connectors. Impressive that they bothered to keep analog reception on the units. Please let us know how it compares to the WinTV-D!

Bill Nollman

I noticed the info on the 1600 says that the video cannot be copied to a DVD. Does that mean that you have to get "hacker" software and convert it so that it can be copied to DVD?

I ran up to CompUSA today to pick up the Hauppauge USB unit. I've had some time to try it. Setup was easy-plug it in to a USB port, then add the driver disk. Although I had the WinTV-USB unit on my laptop so it overwrote the software-so seems like you can never have multiple Hauppauge devices. There's also a disclaimer about having to always use the same USB port when you connect it, else you have to re-install the drivers.

The provided antenna (quite reminiscent of those small ICOM whips that come with new scanners), downstairs, picked up KETV-DT without a problem. I couldn't get all the local DTVs to lock. Once I change out for a pair of

rabbit ears, it was quite easy to get all the other local DTVs. No trace of Lincoln though... but when I plugged in the rooftop UHF antenna I was able to get KUON-DT and KOLN-DT. The latter was challenging... in comparing the HVR performance side by side with the WinTV-D PCI card in my desktop PC, it took a perfect, no error signal to get the HVR to lock. Meanwhile the WinTV-D was having no problems decoding the signal. There's a "Locked" check box that is set if the HVR finds a signal-but don't hold your breath on getting a watchable signal.

Whereas you can set up all the analog channels from 2 to 69, viewable signal or not, to be in a "bank" of channels, the same isn't true of DTV. The only way to 'save' the channel is for it to decode with PSIP. The signal meter is accessible through the channel menu where you add in new stations-it's a horizontal bar with about 15 levels on it-not very technical. One thing that was odd seemed to be that if you were tuned to a weak signal, hoping for it to lock, you manually have to hit "Tune" for the software to make an attempt at locking with PSIP and thus 'saving' the channel. I never got video on KOLN-DT, just audio and a PSIP (unlike WinTV-D where the signal was great). The selected channel number as it was saved to memory was convenient: it took KETV-DT 20, program 1, which is mapped to 7-1, and saved it as channel 1071. Similarly 42-1 (KPTM-DT-43) was saved as 1421. Thus you can switch from analog to digital easily from the same channel bank-but it does take 5-10 seconds when switching from NTSC to ATSC. As promised by the instructions, the video streaming takes up tons of memory-don't count on being able to do anything else in the background!

Another annoyance-the default video display doesn't allow for snapshots of digital signals. I found I could simply use the "Print Screen" button, and go into Paint Shop Pro and crop out the captured image, but that would be annoying after awhile. There are no issues with screen captures on the analog signals. The instructions mention this, and the other options offered didn't work for me either. So if I wanted to capture ID slides, I can either Print Screen or record and then capture later.

If you choose to record digital signals, the hard drive space needed is based on the program resolution. The quoted rate is 5.6 GB for one hour of show; a 15 second clip was 26 MB! That said, the quality of the program was excellent. There's no option for

(Continued on page 17)

6 Meter/2 Meter Amateur DX



50 Mhz
The *Magic* Band



Peter Baskind, N4LI
3225 Forest Hill-Irene Rd
Germantown, TN 38138
N4LI@ARRL.net

The focus of this column is, and always has been, 6 meter (50MHz) DX, and 2 meter (144 MHz) weak signal work. 6 and 2 are the workhorse VHF bands, for good reason. They are interesting from a propagation standpoint, equipment is plentiful, and the bands are well-populated.

The amateur universe does not end with 6m, 2m, and 70 cm (the UHF band found on popular dual-band radios). There are a host of other bands – some quite wide in very interesting spots in the spectrum. Yet, most hams never use these bands; I am sure some don't even know they exist. Equipment is often hard to find, feedline loss becomes an increasing problem with higher frequency, and few other hams are on them to work. It can almost be a “chicken-and-the-egg” situation – hams don't try the band until there are other hams trying the band.

It is a real shame these bands see as little use as they do. Bandwidth is a precious commodity in today's increasingly wireless world. If we hams continue to let these bands sit fallow, that band space might be taken from us – frankly, for good reason. It will end up in the hands of users who will actually use it. Lately, I have been trying to make some noise on these higher bands, acquiring radios and antennas for this new territory.

So, in this month's column, we'll explore a few of these “forgotten” bands, with a hope that perhaps someone might give them a try. Remember: *use it or lose it*.

1.25 meters: 222 MHz-225 MHz

1.25 meters, or “220,” as it is often called, is one of our oldest VHF bands, having been allocated to hams since before World War II. The band occupies a bit of a sweet spot in the spectrum just above VHF TV channel 13, where antennas are easy to work with – not too big, and not so small that measurements become critical – feedline loss is manageable, and there is a nice trade-off between multi-path and building penetration.

Despite the advantages of 1.25 meters, it's a band that never has really taken off. There are reasons, of course. First, 220 is only allocated to ITU Region II, the Americas and Eastern Pacific. Since the band is only regional, there is less incentive for radio manufacturers, many of which are in Japan where there is no 1.25 meter band, to make equipment. Another important reason is that there are no commercial bands near 1.25 meters, making it very difficult to modify commercial gear to be used for amateur use.

The 1.25 meter band used to be a whopping 5 MHz wide. But, in the 1980s, UPS, the guys in the brown shorts, lobbied to have the band reallocated for commercial use. Since there was so little amateur activity, they argued that public interest dictated a newer, higher use. It was a convincing argument, so convincing that eventually the bottom 2 MHz, 220-222, were taken away from the amateur community. That's certainly bad precedent for other, lesser-used ham bands.

Despite its difficulties, 220 is not a complete wasteland. About the same time that UPS was carving 1.25 meters up, the FCC gave access to the band to those with Novice Class licenses, the entry-level ticket of the period. There were

a few radios that went to market to fill this expected new demand, but the major manufacturers could not sell enough to justify continued production. Some of those radios are still floating around, however. The higher-end radios, such as the Yaesu FT-736r with the 220 MHz module, are used by 220 enthusiasts for weak-signal signal sideband or CW work. But, buying these radios on eBay will cost you; 220 multimode gear is rare, and quite expensive. Some of the hardcore build gear, or use more complex transverters connected to conventional radios.

Some scattered areas of the country have active amateur communities on the 1.25 meters. Unfortunately, those cities, like Washington, DC, Los Angeles, and some spots in New England, are few and far between. Here in Memphis, a group of us are trying to establish a footprint on 220, mainly using the only stand-alone 1.25m repeater in our area. Many of us are using an Alinco 235T, the only major label full-power 1.25m radio available outside of handhelds. Some are using older radios, while others are transmitting from HTs with 220 as a “bonus” band such as the Yaesu VX7R (with its whopping 300 mW), the VX6R, or the Kenwood TH-F6A. All of those radios are FM-only.

33 centimeters: 902 MHz-928 MHz

33 centimeters is a whopper of a band – 26 MHz wide. It is also relatively new. This UHF band was only given to hams in 1985 on a secondary basis, being shared with other users. “902,” as it is often called, while not without its charms, can be a tough to work, at times.

This high in the spectrum, making an efficient RF plant can have its challenges. Transmission line is lossy. Making antennas resonant can be a bit touchy. And, one must be conscious of RF exposure limits. Further, there simply aren’t any ready-made amateur radios out there to operate on 33 centimeters.

Fortunately, getting on the air on 902 is not impossible. High-end users can find transverters for 902, allowing all-mode access on the band. Those with a little less ambition can opt for modified commercial gear that is actually fairly plentiful. Perhaps most popular is the Motorola MaxTrac, which can be found in commercial 900 MHz versions. With some minor internal changes, and some reprogramming, the MaxTrac makes a very nice FM radio, for not much money at all (especially considering what these units cost new). They can also be used to make effective FM repeaters. We have such a machine here in the Memphis area, and several of us have acquired reconditioned ~30 Watt MaxTracs to establish a 902 presence. Finding an antenna was simple; eBay provided a new 14 dBi (~12 dBd) 9-element yagi by M2 for just \$20. Even this fairly simple set-up should score some nice points on contest weekends just by working other folks simplex around town.



Motorola's MaxTrac Radio

900 MHz is very valuable real estate. For interests looking for bandwidth, 33 cm must look very attractive, indeed. Since amateur radio is only secondary on the band, removing hams from it would not be difficult. So, many of us feel it is highly important to use this band to hopefully make that less likely.

23 centimeters: 1240 MHz-1300 MHz

At the lower edge of the microwave band, one finds 23 centimeters, a band that is surprisingly useful, and full of interesting signals. As big a band as 902 MHz is, 23 centimeters is even bigger – 60 MHz wide, leaving room for experimentation as well as time-honored modes.

There is a lot of activity on 1.2 gigahertz. Throughout the band, hams can find traditional FM repeaters, often with significant activity in some larger cities, CW and SSB weak signal work, amateur television, satellite communications, digital communications, experimental communications, and “moonbounce” (EME) work.

Without a doubt, 1.2 gigahertz is more active than 33 centimeters. This is largely due to the fact that amateur gear is available for the band right off the shelf. While no 23 centimeter gear is cheap, some of the major manufactures offer premium gear, though at a premium price. Japan-based Kenwood offers 1.2 gig as an all-mode 10-watt option on its popular TS-2000 multi-band radio. With the band included, the radio will set one back a cool \$2000, or more. Icom, another Japanese manufacturer, offers a similar option on its 910H VHF/UHF platform. Adding 23 centimeters stacks almost \$500 to the already pricey radio. But, again... at least something is available.

There are even product options for the band outside of big-box transceivers like the 910H and TS-2000. In the Icom product line is the ID-1, a 23 centimeter radio capable of both analog and digital communications using the new D-Star protocol (“Digital Smart Technologies for Amateur Radio”). The ID-1 appears to be an amazing radio, allowing traditional FM use, or digital voice and data, *at the same time*. But, many consider this radio and D-STAR to be experimental. And, the ID-1 is pricey at around \$1000, quite a bit for a single-bander. Icom also produced a quad-band handheld that featured 1.2 gig. The T-81A did leave a bit to be desired, in my opinion – it only makes 1 watt, and the included duckie antenna was simply substandard – but, the extra band did come in handy from time to time. I did find better results when I replaced the duckie with a 3-element yagi, literally made from a circuit board. The T81 has been discontinued for a couple of years, but they are available used. Other now-discontinued options for FM-only work on 23 cm include the Kenwood TM-541A, and a 1.2 gig add-on module for the popular Yaesu 641/741. Those radios are available on eBay, but typically bring a nice price for their sellers.

Most operators on 23 centimeters find the band a bit finicky. Odd things can happen with wavelengths this small – one gets curious reflections and tropo ducting does not always mirror what is happening below. But, there are some advantages. For the casual user, the band can be used indoors, as building penetration is better, especially near windows, than frequencies with longer wavelengths. Antennas are small, and can be made with very high forward gain. The antenna I have purchased, while only fifteen feet long, has a stunning 21 dBi forward gain (that would be just under 19 dBd). Taking into account the ~ 3dB loss I will have in my hardline once the antenna goes up, I should still have an Effective Radiated Power (“ERP”) of well over 300 Watts from just 10 Watts input – though in a very narrow pattern. I am told such a signal will work well in moderate ducting openings; I look forward to finding out.

Other Microwave Bands: 2304 MHz and above

Amateurs have access to literally hundreds of megahertz above 2.3 gigahertz. This high, we might literally be “cookin’ hot dogs,” as some hams quip. There is good reason for this only half-joking comment; the microwave oven in your kitchen operates likely around 2.45 gigahertz.

Those using these truly exotic bands are often experimenters, or builders. One would have to be; very little gear is available, and rigs are either transverters from companies like Down East Microwave or SSB Electronics, or radios that are scratch-built. But, many enjoy the bands; they might dabble in EME moonbounce or satellite communications.

Only the truly serious enthusiasts operate this high. Technical issues make these bands simply prohibitive for the faint of heart. And, again, operating

up there can be lonely. But, those who do play around here have done some amazing things. Recently, a group of hams in Nevada and Utah set a new computer WiFi distance record using unamplified transmitting equipment, since most WiFi equipment falls in a ham band. Transmitting a mere 30 mW, and very large antennas, these hard-core users managed 11 Mbps transfer rate over ~125 miles from mountain peak to mountain peak. Wow.

To find out more about this bold frontier, and what might be available, check the websites of these providers:

Down East Microwave provides transverter gear, preamplifiers, and the like, for frequencies as high as 10.4 GHz. <http://www.downeastmicrowave.com/>

SSB Electronics has an extensive line of microwave transverters and other gear, even as high as 47 GHz. <http://www.ssbusa.com/ham.html/>

Directive Systems provides antennas, handmade in Maine. They are nice folks and they really take pride in their work. <http://www.directivesystems.com/>

Of those three companies, I have only had personal dealings with Directive Systems. Dave, K1WHS, made my new 6m beam and my 23 cm loop yagi. He was quick to make suggestions and help me through the process of adding a new band. Dave is also extremely active on the higher bands, and has a very, very impressive station. There is a link to his contest station on the Directive Systems website that is certainly worth a look.

* * *

That's it for this month. Hopefully, things will start heating up soon. If there is a topic you can suggest as a topic for this column, let me know. These quiet months can be tough to fill!


Loggings

Bill Smith, W1OW, 56 Locust Street, Douglas, MA 01516 FN42

January has been a very poor month. The only good thing was no snow. No snowfall yet this Winter [I think that has changed by now! -ed.], although it finally turned cold.

The big opening of January 8 did not extend this far. Heard some stations as far as EL09 and DL99, but everyone was just on my fridge and very weak.

The VHF contest of January 20th was a total bust. Not even any extended groundwave!

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Before there Was WTFDA There was AIPA!



TV DXers ALL . . .

Back row: King Schafer (N.Y.), Don Voegele (N.Y.), Art Collins (N.Y.), B. J. Bingham (Mo.), Bill Eckberg (Ill.), Tom Hidley (Ill.) and Bill Nieman (N.Y.).

Front row: John Broomall (Ga.), Walter Spaulding (Ohio), John Voegele (N.Y.), Bob Seybold (N.Y.), Ed Prond (Ill.) and H. E. Apley (Ohio).

Does anyone know in what year these photos were taken? John Broomall is no longer with the WTFDA, Bill Eckberg failed to renew last year, Dave Janowiak passed away a few years ago and Thomas Leu left two or three years ago. Bob Seybold and Gary Olson are still WTFDA members and probably enjoying these two photos. We hope you all enjoy them.



THE BIGGEST TV DX CONVENTION OF ALL!

This DX-hungry group represents many of the finest TV DX enthusiasts in the East and Midwest, gathered in Chicago, Illinois over the weekend of July 16-17 for the AIPA TV DX Convention.

Standing, left to right: Dick Nieman, Bill Eckberg, Jim Mitchell, Art Collins, Don Roller, Bob Seybold, Carter Bays, Bill Meers, Ferdinand Dombrowski and Dave Janowiak.

Seated, from left to right: Bill Nieman, Ed Rugel, Thomas Leu, Gary Olson, B. J. Bingham, Dick Bergen, Dave Roys, Ed Garrett and Jim Hughes. (Identification provided by AIPA President Art Collins.)

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