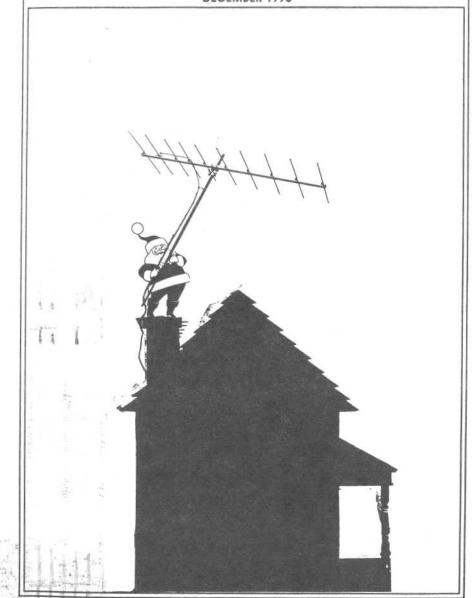


The Official Publication of the Worldwide TV-FM DX Association

DECEMBER 1996





P O BOX 17333 - ASHEVILLE, NC 28816 - U.S.A. WORLDWIDE TV-FM DX ASSOCIATION

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WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE VHF-UHF DX 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 BROADCAST SIGNALS AT VHF AND UHF. W.T.F.D.A. IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

Season's Greetings! No matter how you choose to celebrate the holiday season, we hope that your dreams are fulfilled and that happiness prevails. The WTFDA board of directors, column editors, and all others who contribute to the ongoing success of this organization join to thank you for your continued support; and extend our best wishes to DXers everywhere.

COMING SOON: In the very near future, John Broomall, host for our 1997 convention to be held in Georgia, will be announcing details for the annual gettogether. If you've attended previous conventions, you know how much fun they are. If not, it's almost time to start planning for a weekend you'll never forget!

WHERE IS IT? Several inquiries have been received pertaining to video coverage of the 1995 Lake Placid and 1996 Estes Park conventions. Tom Bryant, who has produced several tapes of convention highlights reports that he has plenty of good footage from both events (he shot some, and Ernie Wesolowski provided the rest)...but that none of it has been edited. Tom would like to offer a good excuse...but can't...so will be truthful in admitting that time normally spent on such efforts has been diverted to internet exploration. The tapes will eventually be produced, but no date has been set.

THE BOTTOM LINE: WTFDA comptroller Dave Janowiak is preparing the club's annual financial report. Procedural changes in business operations during the past year will enable him to provide more detailed information than has been available in the past. One troublesome area is a drop in total membership. If you know a former member who has dropped out, please ask him or her to consider rejoining. We're a small but dedicated group, and we really need to stick together.

WTFDA Mailbox

Worldwide TV-FM DX Association PO Box 17333 Asheville, NC 28816

December, 1996 Edited by: Matthew C. Sittel. E-mail: 76255.2171@Compuserve.com

December, 1996 Renewal\$ Due:

Gordon L. Anderson, Todd Brandenburg, Tom Bryant, Tim Coucke, Jon W. Erdner, Steven A. French, Al Germond, Neil Griffin, Bill Hodges, Edward R. Houchins, Dave Janowiak, Lawrence R. Marecki, Dave Markson, Willis Monk, Ed Norris, Jerry L. Rankin, Shel Remington, Clayton Rhoades, George Rogers, James Roggentine, Jim Rollins, Roger Sabella, Edward Semrad, Joe Smulevitz, Bill Spann, Pierre Tremblay, Donald H. Voegele, Steve West, David M. Wurl, Thomas Yingling, Jr.

New members! Welcome!

Richard W. Turner, North Dartmouth, MA

E-mail address info:

Eric Bueneman, Hazelwood, MO John Zondlo, Bethany, OK Change to: EricB631@Juno.com New: Jpzondlo@aol.com

Regarding Eric Bueneman's comments on the metric controversy...

TV News is reported in metric for two reasons.

First, because the FCC has metricized. All Public Notices show antenna heights, distances from landmarks, etc. in meters. A very few (maybe one per month) applications or actions show feet, but in all such cases the metric number is the official figure. The time required to convert all this to feet would probably force me to ignore LPTV. (incidentally, I believe FM News uses feet because the primary data source, M Street Journal, does the conversion. Bruce Elving's conversion to metric when he was editing it, and in the FM Atlas, seemed to coincide with the FCC switch.)

Second, because it's simply right. The rest of the world uses it, and our insistence on keeping the English system results in confusion and expense. I'm an engineer at a TV station. My work involves repair of both American and imported electronic equipment. And because of our insistence on English measurements, my employer must provide two sets of Allen wrenches, two sets of open-end wrenches, two stocks of spare hardware, etc., etc... Not to mention time lost by my need to search through the two sets of tools to find the right one for a particular device. Or, the time lost trying to figure out what's the next bigger size above 3/16". (quick, what is it?)

In terms of the measurements used in the VUD, metricization is really pretty easy to deal with. Simply multiplying meters by 3 is close enough to feet. Divide kilometers by 2 to get miles. (a bit less accurate, but close enough to tell whether that 800km tropo opening was worth getting excited about!)

73 Doug

Other notes: John Tudenham sent word of the 4th Annual Fall Midwest DXers get-together in Columbia, MO over the Veterans' Day weekend. Unfortunately I didn't get the announcement until after last month's column so I couldn't get it in print to announce it. These smaller 'mini-conventions'

^{*} Doug Smith, Pleasant View, TN

are a great way to get to know other hobbyists in your area, so I encourage you to try and attend one if you can.

Alan Michalek has an unID FM catch he would like some help with: "heard on July 1'329-1191 and enjoy' repeated over and over. A new station testing? Frequency was 99.9. Does anyone know what station was broadcasting this? Stations that date heard were: SC, NC, GA, FL, AL, MS. (Alan, perhaps it was Artesia, MS? The station serves the Columbus, MS market, and 329 is an exchange there. Plus, all but one of Columbus' radio stations in the M Street Journal have phone numbers following the 32#-1### pattern. It might be worth a call! - mcs)

Larry Fussell has this note about the new APS 14 antenna for FM: "I did direct comparison with my Probe 9. The results are highly in favor of the APS 14. The gain is a lot better, 2 to 4 dB. The directivity is greatly better. I can hear stations that I cannot find with my Probe 9. I would highly recommend use of the APS 14."

Speaking of antennas, Rich Wertman sends along the following item: "Antennacraft has discontinued production of all P-5 and P-7 antennas. (The parabolics just aren't moving') I can still get some P-5's and P-7's for a limited time. New prices are as follows due to 1 only dist's supply - P-5's \$140 and P-7's \$165, including UPS shipping in the continental US. After these are gone I'll only be able to order either specially in lots of 50 but at a better price. Those of you interested please call me or drop a line. If I can get 50 people interested in one model I'll place the order. This is a very sad day in DX country! Antennacraft sells direct to me but not unless we do 50 so they can start up the line for them!" If you are interested, please contact Rich Wertman, 6150 Crosby Rd., Lockport, NY 14094.

And while you're thinking about gift-giving this holiday season:

Don Meno has a couple of items for sale. "One is a Pioneer TX9100 tuner IF modified by Doug Allen with three 150 filters. I also have a Blonder-Tongue MWT-2B Trap for FM. I will sell both together for \$200 or will sell separately. Both are in good condition with no problems. I use a Citation 23 as my main unit which is doing the job here." If you're interested, contact Don Meno, 9 Oxford Trail, Wallingford, CT 06492-2625, or call him at 1-800-365-9888, extension 262, between 7AM and 4:30PM Eastern time Monday-Friday.

Dr. Bruce Elving sent me a copy of his most recent "FM Atlas Products and Publications" catalog. There are plenty of items to choose from, including radios modified to receive 67kHz and 92kHz SCS broadcasts. If you'd like a copy of his latest catalog, write him at FM Atlas, PO Box 336, Esko, MN 55733-0336.

An announcement from our mediumwave friends at the National Radio Club: The NRC AM Radio Log for the 1996-1997 DX season, the 17th edition which is updated through September, 1996, is now available. "This annual edition contains 312 pages, 8 1/2" x 11" size, 3-hole punched, loose leaf format with over 5,500 AM radio station listings from the United States and Canada. Each station listing consists of its location, frequency, call, format, network affiliation, station address, station slogan, day and night transmitter powers. There are cross references by city and call letter." For non-NRC members, the cost is \$22.95 US in the United States and Canada, \$23.50 US to Latin America, \$24.00 US to Europe, and to all other locations \$28.00 US. You may order this from National Radio Club, Publications Center, PO Box 164, Mannsville, NY 13661-0164. I recently received my copy and I am pleased. Yes, I admit it... I do DX AM sometimes, especially in winter!

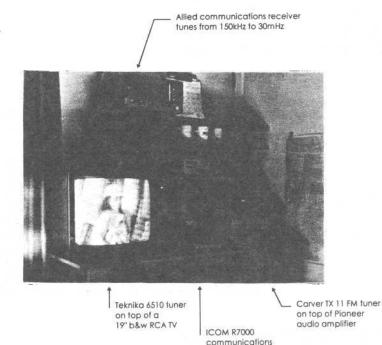


Jeff Kruszka, Editor 5024 S. Braxton Ave. Baton Rouge, LA 70817

December 1996

Thanks to those DXers who have sent in photos recently. But I know there are more of you out there! So finish off those rolls of film and get your best shots into me.

This month's contributor is Dave Nieman, Rock City, NY. Here's a look at his DX shack there:



Antennas are a Channel Master 3617B VHF @ 15 ft. AGL w/ a Winegard FT-7600 FM trap, DA-205 amp, and RG-6; UHF is an Antennacraft P7 @ 65 ft. AGL w/ a Winegard PA-4975 preamp and RG-11.

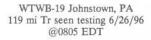
receiver and

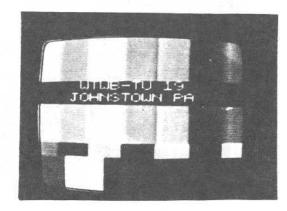
adapter

TV-R7000 video



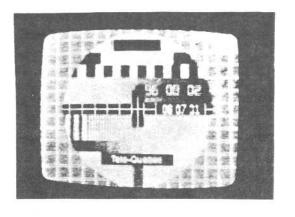
KGWN-5 Cheyenne, WY 1367 mi Es seen 5/22/96 @1848 EST



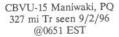


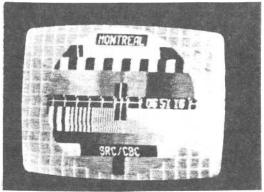


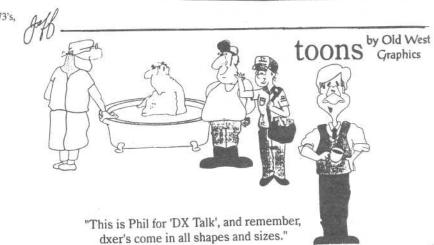
KQTV-2 St. Joseph, MO 864 mi Es seen 7/11/96 @1908 EST "over local WGRZ Buffalo"



CIVP-23 Chapeau, PQ 278 mi Tr seen 9/2/96 @0607 EST







TV News

Douglas E. Smith W9WI 1385 Old Clarksville Pike Pleasant View, TN 37146-8098 72777.3143@compuserve.com : Non-commercial station

nc: No Change

+/-: Channel offsets (plus,

z/n: minus, zero, and none

APPLICATIONS FOR NEW STATIONS

| St | Ch | ERP | HAAT | City; applicant | |
|-----|------------|------|---------------------|---|----------------------|
| AK | * 9z | 316 | 212 | Anchorage; AK BC TV Inc. | 61-04-02N/149-44-36W |
| AL | 55z | 5000 | 121 | Gulf Shores; KB Comms. | 30-30-41N/ 87-47-38W |
| AL | 61z | 5000 | 298 | Mobile; TV Cap. Corp. | 30-40-55N/ 87-49-41W |
| AL | 50z | 5000 | 195 | Opelika; United TV | 32-38-33N/ 85-14-13W |
| AL | 29- | 1510 | 96 | Selma; Marri | 32-26-02N/ 87-00-40W |
| AL | 52+ | 1510 | 126 | Tuscumbia; Marri | 34-40-46N/ 87-54-35W |
| AZ | *16+ | 240 | 58 | Nogales; F.P.G. Church | 31-20-30N/110-57-41W |
| CA | 20+ | 2450 | 925 | Bishop; Media Prop. L.P. | 36-58-38N/118-07-13W |
| CA | 20+ | | -273 | Bishop; Marri | 37-21-41N/118-22-49W |
| CA | 20+ | 195 | 928 | Bishop; KGMC-43 | 37-24-43N/118-11-06W |
| CA | *16z | 708 | 867 | Redding; KIXE-9 | 41-04-48N/122-37-23W |
| co | 26+ | 5000 | 388 | Pueblo; Zavaletta Bostg. | 38-21-30N/104-33-24W |
| DE | 38z | 5000 | 162 | Seaford; United TV | 38-39-15N/ 75-36-42W |
| FL | *39- | 724 | 151 | Crystal River; WUFT-5 | 28-40-53N/ 82-23-12W |
| FL | 61+ | 5000 | 609 | Gainesville; KB Comms. | 29-57-49N/ 82-55-07W |
| FL | 61+ | 5000 | 288 | Gainesville; TV Cap. Corp. | 29-37-47N/ 82-34-24W |
| FL | 31z | 5000 | 254 | Kenansville; Marri | 27-27-30N/ 80-56-00W |
| FL | *42z | 5000 | 123 | Palatka; Comp. Friend Ed. | 29-51-15N/ 81-20-56W |
| FL | 63+ | 1510 | 88 | Palatka; Marri | 29-39-07N/ B1-35-32W |
| FL | 63+ | 20.4 | 101 | Palatka; Pentecostal Rev. | 29-34-48N/ 81-41-59W |
| FL | 60z | 1510 | 67 | Sebring; Marri | 27-30-29N/ 81-25-18W |
| FL | 59+ | 1510 | 22 | Stuart; Marri | 27-11-29N/ 80-15-10W |
| FL | 59+ | 5000 | 469 | Stuart; Sonoma Media | 27-07-15N/ 80-23-58W |
| FL | 59z | 5000 | 307 | Stuart; G. Marksteiner | 27-01-31N/ 80-10-44W |
| GA | 35- | 1510 | 155 | Warner Robins; Marri | 32-34-03N/ 83-36-08W |
| HI | 56z | 15.8 | 316 | Waimanalo: HTV/HTN | 21-19-25N/157-40-55W |
| HI | 56z | 3630 | 739 | Waimanalo; W. 56 L.L.C. | 21-20-06N/157-45-44W |
| HI | 56z | 69.2 | 661 | Waimanalo; Ko'olau Bostq. | 21-19-49N/157-45-24W |
| IA | *18- | 40.7 | 84 | Carroll; Fam. Educ. BC | 42-02-54N/ 94-51-19W |
| IA | *29- | 107 | 109 | Dubuque; Fam. Educ. BC | 42-30-14N/ 90-44-55W |
| KS | 14+ | 151 | 160 | Hoisington; KSAS-24 | 38-37-54N/ 98-50-52W |
| KS | 14z | 2950 | 301 | Pittsburg; Davis TV | 37-22-05N/ 94-27-59W |
| KS | 14z | 5000 | 245 | Pittsburg; A.J. Fant | 37-18-44N/ 94-48-58W |
| KS | 43z | 2750 | 417 | Topeka; Davis TV | 39-01-29N/ 95-55-19W |
| KY | 51z | 1510 | 124 | Hopkinsville; Marri | 36-55-36N/ 87-28-35W |
| KY | 62z | 5000 | 71 | Lexington; Marri | 38-01-49N/ 84-45-17W |
| | 62z | 5000 | 138 | Lexington; Marri Lexington; TV Cap. Corp. | 38-02-07N/ 84-27-04W |
| KY | 48z | 5000 | 279 | Owensboro; S. Cent. Comms. | 38-01-27N/ 87-21-43W |
| | 69+ | 1510 | 152 | Paintsville; Marri | 37-52-16N/ 82-32-12W |
| KY | 41+ | 5000 | 164 | Alexandria; KB Comms. | 31-14-11N/ 92-27-34W |
| LA | | | 609 | Hammond; KB Comms. | 30-25-56N/ 91-11-06W |
| LA | 62+ 36- | 5000 | 299 | New Iberia; N.I. 36 L.L.C. | |
| LA | | | | Waldorf; Open21 | 38-37-07N/ 76-50-42W |
| MD | *58+ | 2570 | 217 | Ann Arbor; Open21 | 42-15-48N/ 83-37-34W |
| MI | *58+ | 2880 | 263 | Duluth: Davis TV | 46-47-39N/ 92-07-29W |
| MIN | 27- | 1510 | 293 | - 17 (17 (27) 17 (1 | 32-16-53N/ 90-17-41W |
| MS | 51z | 1510 | 98 | Jackson; Marri | 31-49-30N/ 89-51-35W |
| MS | 34+ | 1510 | - C. C. S. G. C. S. | Magee; Marri | 31-16-50N/ 90-27-05W |
| MS | 28- | 1510 | 137 319 | McComb; Marri | 31-30-33N/ 91-24-19W |
| MS | *42+ | 603 | | Natchez; MS ETV | 33-55-37N/ 88-33-36W |
| MS | 35+ | 5000 | 219 | Tupelo; KB Comms. | 34-23-52N/ 88-53-03W |
| MS | 35+ | 5000 | 257 | Tupelo; United TV | 31-07-09N/ 89-38-49W |
| MS | 56+ | 5000 | 609 | Wiggins; KB Comms. | 35-15-26N/ 83-47-43W |
| NC | *59z | | 621 -31 | Andrews; WUNC-4 | |
| NC | *27z | 5000 | C | Canton; Achievement School | 35-34-06N/ 82-54-25W |
| NC | *27z | 10.7 | 474 | Canton; WUNC-4 | 33-34-00N/ 02-34-25W |

| St | Ch | ERP | HAAT | City; applicant | |
|------|------|------|------|----------------------------|------------------------------------|
| NC | *56+ | 12.3 | 718 | Franklin; WUNC-4 | 35-19-40N/ 83-20-11W |
| NC | *32+ | 5000 | 173 | High Point; Achievement S. | 36-08-58N/ 80-03-21W |
| NC | 67+ | 1510 | 125 | High Point; Marri | 35-55-36N/ 79-56-04W |
| NC | 59+ | 1510 | 155 | Laurel Hill; Marri | 34-55-30N/ 79-43-57W |
| NC | *34- | 5000 | 475 | Raleigh; Achievement Sch. | 35-40-35N/ 78-32-09W |
| NJ | 59- | 1510 | 58 | Vineland; Marri | 39-25-19N/ 75-01-14W |
| NJ | 59- | 174 | 231 | Vineland; Imagine TV | 39-43-41N/ 74-50-39W |
| NV | *25z | 501 | 965 | Fallon; NV Public TV | 39-13-32N/118-09-07W |
| NV | *16+ | 10 | 193 | Yerington; NV Public TV | 38-59-44N/119-01-01W |
| NY | *34+ | 617 | -64 | Lake Placid; NE Gospel N. | 44-15-36N/ 74-01-22W |
| OH | *56+ | 2510 | 199 | Columbus; Open21 | 39-58-16N/ 83-01-40W |
| OH | *58z | 5000 | 452 | Youngstown; WVIZ-25 | 41-16-04N/ 80-04-23W |
| OK | 9+ | 316 | 326 | Guymon; KVII-7 | 36-41-56N/101-19-44W |
| OR | 40- | 5000 | 332 | Portland; TV Cap. Corp. | 45-27-13N/122-32-45W |
| PA | 29+ | 2000 | 454 | St. College; PA Telecast. | 40-50-29N/ 78-08-09W |
| PA | 29+ | 5000 | 336 | St. College; H. Hain | 40-53-51N/ 77-59-23W |
| SC | 32z | 4570 | 241 | Horry; WIS-10 | 33-28-45N/ 79-11-39W |
| SC | 32z | 5000 | 93 | Myrtle Beach; Marri | 33-32-07N/ 79-03-50W |
| TN | 26- | 5000 | 367 | Knoxville; S.C. Comms. | 36-00-36N/ 83-55-57W |
| TN | *42z | 2000 | 374 | Nashville; Open21 | 36-02-49N/ 86-49-49W |
| TX | *14z | 2140 | 108 | Big Spring; F.P.G. Church | 32-05-52N/101-45-27W |
| TX | 38+ | 5000 | 176 | Corpus Christi; Prime BC | 27-31-41N/ 97-34-58W |
| TX | 38+ | 1510 | 107 | Corpus Christi; Marri | 27-47-51N/ 97-23-45W |
| TX | 38+ | 214 | 89 | Corpus Christi; H. Lopez | 27-45-09N/ 97-27-18W |
| TX | 38+ | 1510 | 265 | Corpus Christi; Sunbelt | 27-39-12N/ 97-33-55W |
| TX | 38+ | 5000 | 276 | Corpus Christi; Paloma BC | 27-39-12N/ 97-33-55W |
| TX | 40z | 4900 | 179 | Crockett; Warwick Comms. | 31-15-58N/ 95-32-04W |
| TX | *24+ | 316 | 108 | Del Rio; F.P.G. Church | 29-20-54N/100-52-19W |
| TX | *39z | 2950 | 212 | Laredo; F.P.G. Church | 27-31-13N/ 99-31-20W |
| TX | *39z | 219 | 220 | Laredo; L. Comm. Coll. | 27-31-14N/ 99-31-19W |
| TX | 54+ | 5000 | 312 | Longview; L. TV Bostg. | 32-36-04N/ 94-52-15W |
| TX | 54+ | 5000 | 382 | Longview; Estes Bostg. | 32-15-35N/ 94-57-02W |
| TX | *21+ | 631 | 215 | San Angelo; F.P.G. Church | 31-35-22N/100-31-01W |
| TX | 20- | 5000 | 543 | Sherman; Zavaletta | 33-33-36N/ 96-57-35W |
| TX | 14z | 5000 | 450 | Tyler; United TV | 32-03-40N/ 95-18-50W |
| TX | 31z | 214 | 148 | Victoria; H. Lopez | 28-46-39N/ 96-57-43W |
| UT | *18- | 3390 | 215 | Ogden; F.P.G. Church | 41-15-17N/112-14-13W |
| UT | *18- | 141 | 239 | Ogden; Global Ed. Dev. | 41-15-17N/112-14-14W |
| VA | 69+ | 1510 | 109 | Fredericksburg; Marri | 38-17-04N/ 77-35-41W |
| VA | 63z | 5000 | 377 | Richmond; TV Cap. Corp. | 37-30-14N/ 77-41-53W |
| VA | 63z | 5000 | 311 | Richmond; United TV | 37-30-22N/ 77-42-03W |
| VI | 43z | 151 | 464 | Charlotte Amalie; Marri | 18-21-26N/ 64-56-50W |
| VI | 15z | 100 | 347 | Christiansted; Winstar | 17-45-20N/ 64-47-55W |
| VI | 27z | 18.2 | 121 | St. Croix; Virgin Blue | 17-44-53N/ 64-43-40W |
| WA | 67z | 5000 | 610 | Olympia; Sonoma Media | 47-02-42N/122-53-24W |
| WA | *14z | 2190 | 378 | Vancouver; Open21 | 45-31-22N/122-45-07W |
| WI | 44+ | 5000 | 339 | Green Bay; G.B. 44 L.L.C. | 44-30-48N/ 88-00-24W |
| WI | 22+ | 5000 | 587 | Oshkosh; Osh. 22 L.L.C. | 44-23-43N/ 88-35-29W |
| WI | 33- | 1620 | 263 | Wausau; Davis TV | 44-53-12N/ 89-39-02W |
| WV | 66- | 1510 | 263 | Fairmont; Davis TV | 39-24-51N/ 80-20-45W |
| WV | 39+ | 1910 | 185 | Parkersburg; Riverbank | 39-22-51N/ 81-33-37W |
| 75.7 | 55. | 2020 | | | ASSA STEE PRINTED REST STEE THOUGH |

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

| St | Ch | ERP | Call/ | City; applicant | |
|----------|-----|------|-------|--------------------|----------------------|
| St CA | 10z | 162w | K100G | Lompoc; M. Harnett | 34-44-30N/120-26-45W |
| NY | 60z | 404 | W60CG | Wilson; WKBW-7 | 43-15-54N/ 78-52-02W |
| NY | 68+ | 406 | W68CT | Wilson; WKBW-7 | 43-15-54N/ 78-52-02W |

See Dave Nieman's comments for more info on the Wilson translators.

TV News

APPLICATIONS TO CHANGE EXISTING STATIONS

| st | Ch | ERP | HAAT | Call | City | | |
|----|-----|------|------|-------|------------|------------|-----------|
| MA | 25+ | 5000 | 262 | WFXT | Boston | 42-20-55N/ | 71-04-35W |
| PA | 20- | 421w | | W20AN | Washington | | |

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

| st | Ch | ERP | HAAT | Call | City | |
|----|------|------|------|--------|-----------|----------------------|
| St | 57- | | 135 | WFXU | Live Oak | 30-33-00N/ 83-00-46W |
| HI | *38+ | 44 | 661 | KAIE | Honolulu | 21-19-49N/157-45-24W |
| HI | 44z | 46.6 | 661 | KWBN | Honolulu | 21-19-49N/157-45-24W |
| KY | 44- | 2510 | 475 | WAGV | Harlan | 36-47-16N/ 83-17-28W |
| NC | 282 | 54.8 | | W28AC | Charlotte | 35-15-26N/ 80-51-40W |
| NE | 65- | 47.4 | | KOHA-T | .P Omaha | |

CHANGES GRANTED TO EXISTING STATIONS

| St | Ch | ERP | HAAT | | City | |
|-----|-------|---------|-------|---------|----------------------|----------------------|
| AK | 29n | | | | | 62-38-05N/150-44-16W |
| AK | | 52.4w | | | Cold Bay | 55-12-25N/162-42-20W |
| AK | 57n | 813w | | K57DE | Craig | 55-28-35N/133-08-30W |
| AK | 7n | 58.8w | | K07TJ | McGrath | 62-57-02N/155-35-10W |
| AK | 10n | 59w | | K10KH | Shageluk | 62-39-20N/159-31-48W |
| AK | 7n | 57w | | K07SX | Sleetmute | 61-41-45N/157-10-10W |
| AK | 4 z | 53.5w | | K04NA | Stevens Village | 66-00-26N/149-05-38W |
| AK | 9n | 57.4w | | K09QU | Togiak | 59-03-42N/160-22-31W |
| AK | 2n | 44.9w | | K02LT | Wales | 65-36-48N/168-05-22W |
| AK | 4n | 53.4w | | KO4MN | Wales | 65-36-48N/168-05-22W |
| AL | 17 | 5000 | 610 | WDBB | Bessemer | 33-28-48N/ 87-25-47W |
| | (note | e new c | ty of | licen | se, ex-Tuscaloosa) | |
| AL | 39n | 104.8 | | WETU-1 | LP Montgomery | 32-32-12N/ 86-11-31W |
| AR | 18+ | 10.9 | | K18EG | Eureka Springs | |
| CA | 43z | 4265 | | KGMC | Clovis | |
| CO | 14+ | 801w | | K14JS | Cortez | 37-21-58N/108-08-42W |
| | (from | n KOSMI | McEln | o Cany | on) | |
| FL | 54+ | 10.1 | | W54CL | Sebring (ex-W27AE) | |
| IA | 65z | 8.7 | | K65BY | Waterloo | |
| IL | *24- | 1200 | 276 | WQPT | Moline | 41-19-17N/ 90-22-47W |
| KY | *68+ | 1585 | 249 | WKMJ | Louisville | |
| MS | 40+ | 1659 | 479 | WDBD | Jackson | 32-14-26N/ 90-24-15W |
| NC | 54n | 8.6 | | W54BR | Greenville | |
| NV | 10n | 9w | | K10EX | | 37-43-37N/117-13-28W |
| NV | 42n | 281w | | K42EK | Round Mtn. (x-K09WK) | 38-39-23N/116-59-55W |
| PA | 43z | 5010 | 417 | | York | |
| | (but | immedia | tely | rescin | ded) | |
| TN | 10- | 121.2W | | W10BI | Nashville | 36-15-56N/ 86-48-22W |
| TN | 52z | 9.9 | | W52CT | Nashville (ex-W59AW | 1) |
| TX | 57z | 47.2 | | K57FC | Corpus Christi | |
| TX | 43n | 918w | | K43FD | Houston | 29-48-22N/ 95-14-28W |
| | (was | KO4NW) | | | | |
| TX | 33- | 49 | | K33CK | San Antonio | |
| VA | 66+ | 4330 | | WVVI | Manassas | |
| WV | 34n | 15.14 | | W34BX | Princeton | |
| WA. | | 2.434 | | K21 A.T | Quincy | |

CHANGES GRANTED TO CONSTRUCTION PERMITS

| St AZ | Ch 46z | March Commission | PRODUCENSISSISSISSISSISSISSISSISSISSISSISSISSIS | Call KXGR | and the same of the | Val. | ley | 32 | 2-24- | -54N/110- | -42-56W |
|----------|-----------|------------------|--|--------------|---------------------|------|-------|--------|-------|-----------|---------|
| CA | 47+ | 14.6 | | K47EH I | urek | a | | | | | |
| CA | 26+ | 0.5w | | K26FA | ista | | | 33 | -06- | -39N/117- | -09-10W |
| | (was | K60EL. | ERP | is a ty | po b | ut I | can't | figure | out | correct | number) |
| FI. | 10- | 48.6W | | WIOCM I | illi | ard | | | | | |

| | | | | mg-s g. | mico to constituenton perm | res, conto. | |
|----------|------------------|--------|-------|---------|----------------------------|-------------|------------|
| St | Ch | ERP | HAAT | Call | City | | |
| FL | <u>Ch</u> 62- | 7.15 | | W62CE | Orlando | 28-21-31N/ | 81-30-45W |
| | (cit | y chan | ges f | rom Ki | ssimmee) | | |
| FL | 21- | 29.5 | | W21BK | Tallahassee | 30-29-35N/ | 84-17-01W |
| GA | 52+ | 13.3 | | W52CL | Macon | 32-45-09N/ | 83-33-35W |
| ME | 35- | 5000 | 278 | WWLA : | Lewiston (1500kW v | ertical) | |
| NE | 65- | 41.4 | | KOHA- | LP Omaha | | |
| OK | 44- | 5000 | 277 | KGLB- | TV Okmulgee | 35-50-02N/ | 96-07-28W |
| OR | 8+ | .002 | | K08ME | John Day | 44-26-02N/ | L18-57-27W |
| PA | 35- | 2.7 | | W35AW | Uniontown | 39-48-41N/ | 79-41-30W |
| SC | 40+ | 17.1 | | W40AW | Beaufort | 32-24-05N/ | 80-44-21W |
| SC | 60z | 3.1 | | W60BP | Charleston | 32-49-14N/ | 79-57-25W |
| WI | 34- | 63.9 | | W34BV | Oshkosh | | |
| App. | licati | ons de | nied: | | | | |
| | | | | Call | City | | |
| St NY | 22 | 27.6 | | W59CH | | 42-56-45N/ | 76-06-16W |
| OR | 8+ | .002 | | K08ME | | 44-26-02N/ | |
| | | | | | | | |

TECHNICAL CHANGES ON THE AIR

| AL | 42+ | WBMG Birmingham; double power (2140=>5000kW) and go to elliptical polarization. |
|----|-----|--|
| AL | 33z | WCFT-TV Tuscaloosa; major power and tower height increases; move closer to Birmingham. |
| IA | 28+ | KFXA Cedar Rapids; major power and tower height increases; move about 35km WNW. |
| NY | 43+ | WNYS-TV Syracuse; major power and tower height increases. |
| ОН | 67z | WOAC Canton; major power and tower height increases (but still a low tower at only 149m); move about 20km northeast. |
| TN | 61- | WDSI-TV Chattanooga; unspecified. |
| VA | 66+ | WVVI Manassas; minor power decrease and switch to directional antenna. |

NEW STATIONS ON THE AIR

| W49B0 | | Tuscaloosa, AL (The Box) | 18.9kW | 33-17-42N/ 87-40-06W |
|-------|-------|---------------------------------|----------------|----------------------|
| K46EJ | 46z | Little Rock, AR | 220 watts | 34-47-56N/ 92-29-44W |
| K27EX | 27z | Modesto, CA | 4kW | 37-28-48N/121-21-02W |
| K38EE | 38- | 29 Palms, CA (TBN) | 1.2kW | 34-04-32N/115-57-18W |
| K07JB | 7n | Wawona, CA | 7 watts | 37-31-08N/119-35-59W |
| K09LM | 9n | Wawona, CA | 7 watts | |
| K67GZ | 67n | Rainbow Valley, CA | | 33-27-00N/117-04-43W |
| K27EW | 27+ | Iowa Falls, IA | 1.24kW | 42-27-47N/ 93-30-12W |
| K52FN | 52- | Muscatine, IA (TBN) | 19.3kW | 41-26-34N/ 91-04-33W |
| W50BY | 50+ | Galesburg, IL (WWTO-35, TBN) | 8.9kW | 40-56-36N/ 90-20-39W |
| W67DF | 67+ | Springfield, MA (TBN) | 1.6kW | 42-14-28N/ 72-38-56W |
| WJUE | 43- | Battle Creek, MI | 5000kW/323m | 42-40-45N/ 85-03-57W |
| | | Alexandria, MN | 1.63kW | 45-55-59N/ 95-26-50W |
| KWYB | | | 2690kW/585m | 46-00-24N/112-26-30W |
| W28AC | 28z | Charlotte, NC | 56.6kW | 35-16-26N/ 80-51-40W |
| | | Jamestown, NY | | 42-23-36N/ 79-13-44W |
| | (actu | ally, this is the | former WTJA-26 | back on the air) |
| | | La Grande, OR | 25 watts | 45-18-01N/118-04-01W |
| | | | 17 watts | 42-11-17N/120-21-01W |
| | | Walla Walla, WA | | 45-47-52N/118-22-07W |

December 1996

New wireless cable system on the air:

Lebanon, MO (37-49-10N/92-44-51W; all 500 watts): K18EK-18z K29DA-29z K31EC-31+ K55HD-55z K59FD-59

Poplar Bluff, MO (36-48-04N/90-27-06W; 738 watts): K56FP-56z K59FE-59z K61FY-61z

CALL CHANGES

| K51CE | Colo. Springs, CO: | KWHS-LP |
|---------|--------------------|---------|
| WSFP-30 | Fort Myers, FL: | WGCU |
| W41BM | Jacksonville, FL: | WDVL-LP |
| W14AC | Lakeland, FL: | WLWA-LP |
| KOBN-26 | Honolulu, HI: | KAAH |
| W61AZ | New Orleans, LA: | WLPN-LP |
| WNYB-49 | Buffalo, NY: | WNYO-49 |
| WTJA-26 | Jamestown, NY: | WNYB-26 |
| WGSE-43 | Myrtle Beach, SC: | WFXB |
| | | |

PROGRAMMING CHANGES

| W28BR | Birmingham, AL: | to Kaleidoscope. |
|---------|-------------------|---|
| KFWU-8 | Ft. Bragg, CA: | sold to Pappas - to be KPWB-31 satellite? |
| W30BF | Bangor, ME: | sold by Maine Public TV. |
| W44AZ | Ann Arbor, MI: | to relay WDWO-LP-44 Detroit (religious). |
| WJUE-43 | Battle Creek, MI: | |
| WBKP-5 | Calumet, MI: | new, ABC. |
| WLUC-6 | Marquette, MI: | drops ABC, now NBC only. |
| KCTZ-7 | Bozeman, MT: | to Fox. |
| K26DE | Bozeman, MT: | to relay KXLF-4 Butte (CBS). |
| K25FI | Mora, NM: | to relay KOB-4 Albuquerque (NBC). |
| K15EP | Las Vegas, NV: | to 3ABN. |
| WNYO-49 | Buffalo, NY: | to WB. |
| WNYB-26 | Jamestown, NY: | to TBN. |
| W59BV | Rochester, NY: | temporarily dark; to relay WNYB-26. |
| WARC-23 | Akron, OH: | to CNI/IN on Jan. 1, 1997 (drops ABC). |
| K19EA | Okla. City, OK: | to Kaleidoscope. |
| K25FF | Tulsa, OK: | to Kaleidoscope. |
| WFXB-43 | Myrtle Bch., SC: | to Fox in early 1997. |
| KOOG-30 | Ogden, UT: | to Paxson - CNI/IN? |

STATIONS DELETED

127 LPTV CPs have been canceled - unfortunately, too many to list here. Also canceled was K18AN's (Grants Pass, OR) CP to move to plus offset, and K20CN's (Fortuna, CA) to change power to 9.11kW and move their tower.

OTHER STUFF

New WBKP-5 Calumet, MI did, in fact, make their scheduled air date in late October. Messages left on WLUC-6's Internet bulletin board complain of adjacent-channel interference from the new station in the Keewenaw Peninsula area. (the northern tip of Upper Michigan) This should be a popular skip target for New England and Southern/Texas DXers. Again, WBKP is an ABC affiliate.

We should expect the numerous new-station applications to begin drying up pretty soon. The FCC has enacted a freeze on additional TV stations, both full and low power, pending action on digital TV.

December 1996

FORUM

Dave Nieman, Akron NY:

The programming changes in western New York are finally on the air. Hold on to your hat, this one is a bit complicated...

Grant Broadcasting purchased dark WTJA-26 Jamestown, rebuilt it, and gave it and several million dollars to Tri-State Christian Television, owners of WNYB-49 Buffalo. In return, Tri-State Christian gave Grant WNYB. Tri-State kept the WNYB calls, transferring them to channel 26; Grant obtained the new calls WNYO for channel 49. On October 23, channel 49 switched to the new calls and a WB affiliation. According to Dave, the swap happened only because of channel 49's established position on cable systems in the area — otherwise, Grant would have kept channel 26 and operated it as the WB affiliate. (I personally have to wonder if adjacent-channel interference from CBLFT-25 was also an issue?)

Dave brought my attention to W60CG and W68CT Wilson; these stations hold (to my knowledge) the record for the highest ERPs for LPTVs! Both stations use directional antennas, and I would assume very tight directional patterns are used to achieve these high ERPs. These stations may be very strong if you're in their beams, but they're probably non-existent only a mile or two away on the wrong side of the pattern. This is probably also why two different channels are used from the same site. Dave says these translators exist because of interference from CIII-TV-7 Midland, Ontario in the northern parts of the WKBW-7 coverage area. These CPs are actually a few years old.

WNYS-43's new facilities are now on the air. This station started its life as WSNR-TV, maybe the only The Box station with a regular license — but with no more power than the LPTVs that make up the rest of the Jukebox Network. The power increase brings their signal at Dave's location to a level a bit better than WSYT-68's. (ironic... as WNYS is now on the WSYT tower, at essentially the same height, and with a power about 20% Less than WSYT's...)

Fernando Garcia, Monterey NL Mexico:

Fernando has information on some changes — and some mysteries — in his area. First, there's a new station on channel 44 in Saltillo, Coahuila. XHLLO is an affiliate of TV Azteca's Canal 7 network. Fernando has also seen the new calls on channel 30 in Fort Myers, now WGCU. ("Gulf Coast University") Indeed, he must have seen them within a few days of the FCC grant, as they didn't appear in the database until a week after I received his email!

There are also some mysteries. First, he's seeing three new translators; channel 43 with KMOL-4, channel 45 with KENS-5, and channel 47 with KSAT-12. They peak with KVAW-16 Eagle Pass. My educated guess is that these are K77CN, K79CD, and K81BN Camp Wood, Texas, moving to new channels, but nothing appears in the FCC Notices about this. Then again, translators and LPTVs are often granted special temporary authority to change channels without notice.

Anther mystery is a channel 47 from the direction of central Texas carrying PSN home shopping. He speculates (and I suspect he's right) it's KTAQ Greenville. Can any Texas/Oklahoma members confirm this one? Other mysteries include a home-shopping station on 20 (W20BS Meridian, MS? - but I think it's part of a wireless-cable system), Spanish from the NNW on channel 15, not part of any Mexican network; and TBN on 14 from the direction of Midland.

David Austin, Myrtle Beach SC:

Our Webmaster noticed the call change on his local WGSE-43. The same newspaper article that brought it to his attention says the station will (as you might guess from the calls!) become a Fox affiliate in early 1997.

73 Doug



DECEMBER 1996

editor- GREG CONIGLIO 90 SLATE CREEK DRIVE - APT. 3 CHEEKTOWAGA, NEW YORK 14227 E-MAIL coniglio@localnet.com

TIP DEADLINE - The 10th

Many of the items listed in this column are taken from the publication: M Street Journal - P.O. Box 1479 - Madison, TN 37116-1479 PHONE (615) 865-1525 FAX (615) 865-2598

KEY:

& satellite programming AF: new freq. allocation accepted for filing for a new FM license

CC: call change/new calls assigned CL: city of license change granted CO: new xmtr co-ordinates CX: a CP has expired, and is cancelled

C1.C2, etc. change in class status DA: directional antenna

DE: calls deleted, license returned to FCC FC: station format change

GA: granted amendment to table of FM allocations

GE: station was granted extension of a CP GX: granted replacement of expired CP LC: filed for license to cover (for new stn.) MC: multiple-city legal ID

NC: no change yet, on a reported pending grant/change. ND: non-directional

NO: station is not on the air NS: a new station granted a license OSA: one-step application NW: new station signs on the air PA: proposed amendment to change

table of allocations PC>: a power change (increase) PC<: a power change (decrease) PG>: power change granted (increase)

PG< power change granted (decrease) QC: frequency change for this station QG: frequency change granted

RA: station returns to the air RE station requests extension of a CP RX: station requests re-instatement of

an expired CP SG: slogan change or update SI: station is silent

XA: disimssed amendment to the table of FM allocations

XC: station changes xmtr site XG: station granted a transmitter (xmtr) site change



URITED STATES

ALABAMA:

Addison: WYAM105.7 CC (NS) Anniston: WGRW 90.7 CC (NS) Gadsden: *NS 89.9 AF

Greenville: WKXN 95.9 PG< 2.1 kW, 564 ft

DA, XG: 31-56-52 / 86-42-09

Muscle Shoals: WLAY 105.5 PC> 1050w, 741 ft. WTBJ 91.3 granted change to circular Oxford: polarization

96.7 PC> 9 kW, 544 ft, class C3 Pine Hill *NS Selma: 91.1 250w, 46 ft (AFA)

"NS KUDU 91.9 CC (NS) Tok:

ALASKA:

Anchorage: KNBA 90.3 NW, adult alt. & Alaskan native

Anchorage: KKRO 102.1 PC< 23 kW, 82 ft. XC: 61-07-12 / 149-53-43

Anchorage: KWQJ 92.9 N O Seldovia: K220FW91.9 NS-25w(v): KAWZ 89.9 ID

ARIZONA:

Bagdad: KAKP 103.9 NO-GE

Buckeye: KMJK 106.9 adds Tom Joyner (Phoenix) also adds Doug Banks

*NS 88.5 AF Globe:

Kingman: KGMN 99.9 FC to CD Country (&) Oro Valley: KTSS 97.5 CC (ex KCDI), FC to bilingual dance-CHR (Tuscon) (may change to KSJM)

91.7 500w, 1509' (N Ariz. Univ.) Page: KVEZ 99.3 NC to 10 kW, 941 ft, C2, GE Parker:

Red Mesa: *NS 89.7 AF *NS 88.3 AF Tuscon: Tuscon: *NS 88.5 AF (?) Williams: KVTF 96.7 NO-GX ARKANSAS:

Batesville: *** 99.5 GA for class A

DeQueen: KDQN 93.1 QC from 92.7, now C2, 50 kW

492 ft, XC: 34-14-35 / 94-17-35 Des Arc: *NS 91.7 AF (A.F.A.) El Dorado: *** 101.5 GA for class A

Mtn Home: KKTZ 107.5 CX CP for 600w *NS 101.3 850w, 855 ft, KERM Inc. K205CQ89.9 NS:250w: WAFR 88.3 MS

White Hall: KTRN104.5 CC (ex KWDA) Wynne: KWYN 92.5 PC> 35 kW, 335 ft.

CALIFORNIA:

Avenal: KAAX 105.7 NO-GE

KWTY102.9 FC to WW1 Adult Rock (&) Cartago: // KSSI 102.7 China Lake

*NS 99.7 AF Chester:

KMLA103.7 NW, Spanish AC (Oxnard) Greenfield: KSEA 107.9 XA for class A, CL to

Rey Oaks. Del Gridley: KMJE 101.5 NW, adult contemp. (&)

Hanford: KGEN 94.5 PG> 3.3 kW, 443 ft.

XG: 36-12-16 / 119-33-52 KBOX104.1 FC to WW1 ad/con (&)

Lompoc: McCloud: *NS 91.9 AF

McCloud: *NS 95.5 AF Mendocino:KAKX 89.3 NO-GE

Morro Bay: KWWV 99.7 adds Jones jazz (&) (S.L.O.)

Morro Bay: KAGR 94.1 PG< 630w, 1004 ft XG: 35-15-11 / 120-45-42

KROR106.7 PC> 50 kW, 308 ft. XC: 39-53-16 / 122-37-38

Oroville: KZCO 97.7 NC to 1.5 kW, 1276' RE SG "La Zeta" CC (ex KEWE)

Oxnard: KDAR 98.3 OSA to B1, 1500w, 1289' San Diego: KFSD 94.1 dec. to 617 ft.

San Fernando: KYKF 94.3 CC (ex KYKF),

FC to regional Mexican // KBUE 105.5 Long Beach San Luis Obispo: K209CE 89.7 NS-5w(v): KEAR 106.9 Seaside: KISE 103.9 CC (ex KJMY), FC to

urban AC (&) (Salinas)

TA DEWS

California: Stockton: KSJC 89.5 CX CP for 95.5, 7w, 92 ft.

Tehachapi: *** 100.1 GA for class A

Victorville: KHMS 89.5 PC> 200 watts

Weaverville: "NS 103.1 AF

Willows: KLNA 105.5 CC (ex KQSC), PG< 2550w 1010ft, DA, B1, XG: 38-47-17 / 122-06-52 CL: Dunnigan, CA

Yermo: KYHT 105.3 NO-RE

COLORADO:

Aspen: KPVW107.1 NO-GE

Burlington: KNAB 104.1 FC to WW1 country (&) Burlington: K208CH89.5 NS-250w(v): KTLF 90.5

Ft.Collins: *NS 88.9 AF Ignacio: *NS 90.1 AF

93.7 GA for class A Montrose: KKXK 94.1 PC> 100 kW, 1883 ft.

Security: KSKX 105.5 CC (ex KHII). FC to smooth jazz (&) (Colorado Springs)

Seibert: K206BU 89.1 NS-250w(v): KTLF 90.5 Walsenberg: KSPK102.3 OSA for C1, 100 kW, 430 ft.

*** 100.9 GA for class C3 Yuma:

CONNECTICUT:

Danbury: WXCI 91.7 NC to 3 kW, RE Hartford: WRTC 89.3 NC to 300w, GX

DELAWARE:

Lewes: WXJN 105.9 FC to country // WICO

SG "Cat Country"

FLORIDA:

Chattahoochee: WBCD 105.3 PG< 5.1 kW, 725 ft, C3 XG: 31-15-07 / 85-17-12, CL: Headland, Alabama Daytona Bch: WJHM101.9 NC to 61 kW, class C, RE DeFuniak Sps: WAKJ91.3 NO-CX-DE

Ft.Myers Bch: WJBX99.3 adds Jones adult alter. (&) FC to Modern AC

Marathon: WKTS 97.7 NO-RE

Midway: WTPS100.7 FC to smooth jazz (Talla.) Orlando: WSHE100.3 CC (ex WDIZ) "She 100.3" Ormond-By-The-Sea: WHOG 95.7 FC to classic rock

& Don Imus (Daytona) "The Hog" Pt. Vedra Bch: WTLK106.5 CC (ex WPVJ)

"Real Talk 106.5" (Jacksonville) Rock Harbor: WKLG102.1 inc. to 430 ft.

Sebring: WYMR105.7 QC from 105.5, now C3, 21 kW, 328 ft, XC: 27-21-29 / 81-28-22

GEORGIA:

Athens: WNGC 95.5 carries Falcons football WZGC 92.9 carries Falcons football Atlanta: Augusta: WEKL 102.3 PA: to 101.7 - C3

Clayton: WRBN104.1 CC (ex WQXJ), FC to adult contemp (&)

WSRM 95.3 NO-CX-DE Dahlonega: *NS 89.5 3 kW, 459 ft. Dahlonega: WKHC104.3 PG 3.7 kW, 417 ft

XG: 34-29-56 / 84-08-32 Douglas: WKZZ 92.5 NO-RE

Evans: WAEG 92.3 FC to smooth jazz "Breeze" 94.3 PA to delete this Gibson:

Hinesville: WHVL104.7 FC to Jones a/c (&) Pearson: WPNG101.9 CC (NS)

Rome: W217AP 91.3 NS-WYFG 91.1 SC Roswell: WTHA107.5 CC (NS)

Savannah: WHCJ 90.3 increase to 230 ft. DA

XG: 32-01-28 / 81-03-23

Georgia:

BARRELLIDA HOLLIDA 195!

Thomson: WTHO101.7 PA: to 94.3 - A Winder: WYFW 89.5 PG> 6 kW, 200 ft.

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HAWAII:

105.1 GA for class C2 Keeau: Princeville: *** 98.9 GA for class C1 Princeville: *** 99.9 GA for class C1

Volcano: KKOA 107.7 LC IDAHO:

Gooding: KMXM100.9 NO-GE Ketchum: KRMR104.7 NO-GX Twin Falls: KEFX 88.9 LC, CC (NS)

ILLINOIS:

Ava: WXAN103.9 PC> 2.9 kW Canton: *NS 101.1 6 kW, 328 ft.

E.Moline: WLLR 101.3 NC to 12.5 kW, 981 ft C2. GE

Herrin: WVZA 92.7 PC> 25 kW, 328 ft, DA

B1. XC: 37-46-28 / 89-05-50 Jacksonville: W228BB 93.5 NS-80w: WLGM 89.7 IL

Kewanee: WJRE 93.9 QC from 92.1, PC> 3.1 kW

453 ft, XC: 41-16-40 / 89-55-15 Mt. Vernon: *NS 89.7 6.2 kW (v), 492 ft. Oregon: WOXM106.1 NO-RE

Ottawa: WRKX 95.3 NC to 4.3 kW, GE *NS 88.5 NS (AFA)

Springfield: WDBR103.7 PC< 20 kW, 768 ft, DA

XC: 39-47-22 / 89-25-57

W.Frankfort: WQUL97.7 FC to oldies (&) "Cool" CC (ex WFRX) (Carbondale)

INDIANA:

WGBD 95.7 FC to Jones adult alt. Attica: Columbia City: WDJB 106.3 adds Jones adult alt. (&) Greensburg: *NS 89.1 AF

Mitchell: WWEG102.5 adds the ABC Moby program Nashville: WVNI 95.1 NO-RE

Noblesville: WGLD 93.9 FC to smooth jazz (&) (Indy) Salem: WHKW 98.9 CC (ex WKJK)

Seelyville: WTHC 95.9 LC

IOWA:

KURE 88.5 QC from 91.9, PC> 250w, 75' Ames:

XC: 42-01-47 / 93-38-51 K206AW89.1 on air: KDFR 91.3

Anamosa: *** 95.7 PA for class A Davenport: KUUL103.7 address:3535 W.Kimberly Rd also now is for KCQQ,KMXG, WHTS, and WLLR. Des Moines: KKDM107.5 XG: 41-38-38 / 93-17-20

Mason City: KIAI 93.9 SG KIA-FM The Cntry Moose" Twin Lakes: KTLB 105.9 FC to oldies

(&) "The Beach" Waterloo: KNWS101.9 XC:42-24-53/92-00-32(994') KANSAS:

Cawker City: *** 96.3 PA for class C3 Copeland: *NS 103.9 100 kW, 702 ft.

Emporia: KGZF 99.5 NO-GE Haysville: KWSJ 105.3 CC (ex KXLK) FC to

smooth jazz "Oasis" (Wichita) Kingman: KTCM 100.3 RA w/regional Mexican

Larned: *NS 106.9 AF

Norton: K218CD91.5 NS-250w: WAFR 88.3 MS Salina: KSKG 99.9 FC to country "Eagle"

Ottawa: *NS 90.5 250w, 187 ft. KIBN 90.7 reported SI Wichita:

Windom: K215CD90.9 NS-WAFR 88.3 MS

Artesia: WSMS 99.9 PC> 47 kW, 505 ft

Gluckstadt: WYOY101.7 CC (ex WLIN) "Y 101.7"

Grenada: WQXB100.1 NC to 24.5 kW, 708', RE

fiesburg: WHER103.7FC to oldies (&) "Eagle"

XC: 33-39-14 / 88-37-15

MISSISSIPPI:

FM 89.7 ALL CHRISTIAN RADIO

HAPPP HOLIDADS! IM ACHS DECEMBER 1996 OREGON: NEW MEXICO: Albuquerque: KTBL103.3CC (ex KASY), FC to classic Bonanza: KAQX 102.9 CC (NS) Burns: KBBT 107.5 CC (ex KDBX) "The Beat" country "Bull" Clayton: K217CM 91.3 NS-140w: WAFR 88.3 MS Corvallis: K221DP92.1NS-250w(h), DA: KWAX 91.1 Clovis: K212BG 90.3 NS-WYFG 91.1 SC Depoe Bay: KDEP105.5 CC (NS) Gold Beach: KGBR92.7 FC to a/c, country, oldies 101.5 GA for class C1 *** Lakeview: *NS 95.3 AF 105.5 GA for class C Pendleton: K201DH88.1 NS-250w(v): KAWZ 89.9 ID Grants: K244DT 96.7 NS-221w(v): KLYT 88.3 Portland: KUPL 98.5 PA: to 98.7 - class C1 Lovington: KLEA 101.7 adds WW1 Hot Country (&) Reedsport: KRBZ 99.5 FC to 70's oldies (&) kW, 289 ft, class Roseburg: K214CM90.7NS-23w: KAWZ 89.9 ID 97.7 PA for class A *** Seaside: KULU 98.9 PA: to 94.9-A or 102.3-A 107.7 PA for class A Santa Fe: KRZY 105.9 FC to Romantica NO-GX Santa Rosa: *** 95.9 GA for class A The Dalles: K274AK102.7NS-250w(h): **KYYT 102.3 WA** NEW YORK: Tillamook: *NS 94.1 AF *NS 101.9 1280w, 699 ft. PENNSYLVANIA: Auburn: WPCX106.9 FC to adult alt. "The Breeze" Beaver Sps: WLZS 106.1 CC (Ex WWBV) "Wheels" Ballston Spa: WXCR 102.3 CC (ex WZRQ) FC to Lancaster: WJTL 90.3 PC> 12 kW, 495 ft, DA classic rock (Albany) "Classic Rock 102.3" class B, XC: 40-03-31 / 76-27-40 Brighton: WAQB 94.1 LC Brockport: WASB105.5 NO-RE Marietta: WRFH 88.7 NO-CX-DE Center Moriches: *NS96.1 3 kW, 279 ft Mexico: WJUN 92.5 PC> 440w, 1181 ft XC: 40-34-58 / 77-29-48 Chateauguay: WYUL94.7 NO-GE, LC Mountaintop: WBHT97.1PC> 500w. Cortland: WIII 99.9 FC to classic rock XC: 41-10-57 / 75-52-19 (keeps Imus) Minetto: WKRH106.5 PG< 5 kW Phillipsburg: WUBZ105.9 CC (ex WPHB), FC to new rock "The Buzz" (State College) XG: 43-25-04 / 76-27-54, NW, new rock // WKRL 100.9 (Syracuse) Mt.Kisco: WZZN106.3 FC to WW1 adult rock (&) New Paltz: WBWZ 93.3 FC to hot AC Oswego: WZOS 96.7 reported SI Palmyra: WZXV 99.7 PC< 2.8 kW, 485 ft RHODE ISLAND: Paterson: WAXB105.5 adds WW1 oldies (&) Poughkeepsie: WNSX96.1 NW, modern AC (&) Sentinel Hts: W278AH 103.5 NS-2w: WZXV 99.7

Pittsburgh: WDUQ 90.5 dec. to 479 ft. Renovo: WXKW106.9 NW, hot AC "Y 106.9" Villanova: WXVU 89.1 PG< 100w(h), 279 ft, DA XG: 40-01-58 / 75-20-15 Narragansett Peir: WPJB 102.7 PC< 1950w, 226 ft

XC: 41-25-27 / 71-28-38 SOUTH CAROLINA:

Georgetown: W260AK 99.9 NS-55w: WYFH 90.7 SC Murrells Inlet: WRNN94.5 PC<1250w, 715 ft XC: 33-35-27 / 79-02-53

Orangeburg: WKSO103.9 NC to 9.2 kW, 531', GX St.Matthews: WQKI93.9 PC> 6 kW

Seneca: WPEK 98.1 FC to talk, 1-On-1 Sports

SOUTH DAKOTA:

Custer: KAWK105.1 PG< 7 kW, 1312 ft XG: 43-44-41 / 103-28-52 Little Eagle: KLND89.5 NO-GE

Lowry: KMLO 100.7 LC (CC ex KKFX) Volga: KKQQ102.3 FC to adult contemporary

TENNESSEE:

Benton: WBIN 93.1 LC Colonial Hts: OSA to class C3, 1.5 kW, 1296 ft, DA XG: 36-31-36 / 82-35-14

Cookeville: WHRS 91.7 NW, info/classical // WPLN Crossville: WSWJ102.5 PG> 25 kW, 308', C3

Gallatin: WGFX104.5 Tenn. flagship for NFL Houston Oilers (moving to Nashville in 1998) Houston area ads are overriden with TN ads

Lake City: *NS 90.7 AF (AFA) Martin: WCMT 101.7 PA: to 101.3 - C3

Maynardville: *NS 88.3 AF

Monterey: WLIV 104.7 CC (ex WLMQ) Murfreesboro: WMTS88.3 now noted in stereo Murfreesboro: WFCM91.7 NO-GE

Oliver Springs: WXVO 98.7 OSA for C3, 25 kW XG: 36-06-48 / 84-03-44

Clovis: Grants: Raton: Alfred: Syracuse: WLTI 105.9 CC (ex WXCD) "Lite 105.9" Winsdor: *** 106.7 PA for class A NORTH CAROLINA: Beaufort: *NS 88.5 AF (AFA) Beech Mtn: WECR102.3 LC Hope Mills: WCCG104.5 NO-GE Manteo: W219BO91.7 NS-55w: WYFG 91.1 SC Nashville: *NS 99.7 6 kW, 328 ft. Pinetops: WWRT 95.5 NO-RE Salisbury: WOGR 91.1 QC to 93.3, 10 w (circular) Winsdor: WDRP 98.9 FC to southern gospel (&) NORTH DAKOTA: Bismarck: KACL 98.7 CC (NS) Devils Lake: KQZZ96.7 NW, adult rock (&) "Q 97" Delhi Hills: WJYC 90.1 inc.358', Portsmouth: Toledo: W264AK100.7 NS-32w: WGGN 97.7 OKLAHOMA:

180 ft, XG: 35-40-03 / 80-28-13

Lawton: KZCD 94.3 QG to 94.1 - C2, 18 kW

Tahlequah: KEOK 101.7 PC> 6.6 kW, 295 ft, C3

Wynnewood: *** 106.1 XA for class A here

Toledo: K204CP 88.7 NS-62w(v): WPCS 89.5 FL

525 ft. XG: 34-33-00 / 98-32-20

Snyder: *NS 100.3 2.6 kW, 499 ft.

*** 107.5 PA for class A

XG: 39-12-19/84-49-36

Coalgate: *NS 105.5 AF

Freehold Twp: WRLJ 89.7 NO-RE Newark: WNWK105.9 NC to 810w(h), RE Trenton: WNJT 88.1 PC< 110w, (v), 689 ft.

Shelbyville: WZPC102.9 CC (ex WMMU) "PC 103" Soddy Daisy: WFXS102.3 has Tom Leykis Sun afternoon

Tiptonville: *** 101.3 PA to delete this Tullahoma: *** 107.1 PA: to class A Walden: W278AB103.5 noted on: WKXJ 97.3

TEXAS:

Arlington: KEWS 94.9 FC to talk (Dallas) K201DJ88.1 NS-WYFG 91.1 SC Athens: Big Spring: *NS 91.5 AF (AFA) Brownfield: *** 104.3 XA for class C2

KXBK 89.9 NO-CX-DE Cameron: *** 94.3 GA for class A Cameron: KHLR 103.9 CX CP for 40 kW, 548 f

Crystal Bch: KSTB101.5 adds Jones AC (&) Del Rio: .*NS 89.9 AF (AFA)

*NS 96.1 PG> 13 kW, 456 ft, C3 Franklin: KLTR 101.9 FC to classic rock (&) (Bryan) Sunnyside: KREW 96.7 FC to regional Mexican (&) Galveston: K274AF97.3 NS-205w; KSBJ 89.3 Humble Haltom City: KNBR93.3 NW, adult alternative

SG "Zone" (Dallas) Hemphill: *** 103.9 GA for class A

Hempstead: KEZB105.3 NO-RE

KHYI 95.3 PG< 10.5 kW, 512 ft, XG: 33-23-43 / 96-35-30

Houston: KLOL 101.1 FC to classic rock Jacksboro: KJKB 101.7 NW, CD Country (&)

Junction: WAHO 93.5 NO-RX Levelland: KLVT 105.5 PC> 6 kW *NS 99.3 10 kW, 298 ft. Midland: KCHX 106.7 FC to dance-CHR New Ulm: KMIA 92.3 CC (NS)

Olnev: *NS 97.5 50 kW Palacios: *NS 99.7 50 kW, 331 ft. Palestine: K202CE88.3 NS-WYFG 91.1 SC

KKLY 97.3 PG> 100 kW, 413 ft, C CC (NS)

Pittsburg: KXAL 103.1 PG> 6 kW, XG: 32-51-23 / 94-57-00

San Angelo: *** 105.7 GA for class C3 Stamford: *NS 92.1 PG> 50 kW, 492 ft, C2 Sterling City: KAKR96.5 NO-RE

Sulphur Sps: KDXE95.9 FC to classic rock "Dixie" Winters: 96.1 GA for class A

UTAH:

Bountiful: KURR 99.5 CC (ex KUTQ) "99 Rock" Panguitch: K204CO88.7 NS-10w(v): KUSU 91.5 Price: K218CB91.5 NS-KUSU 91.5 Provo Provo: K202CC88.3 NS-100w: KAWZ 89.9 ID

KRKR 107.9 CC (ex KRGO)

Rural Emery Co.: K215BY 90.9 NS-10w(v): KUSU 91.5 St.George: KVYS 95.9 NO-RX

Tooele: K202CD 88.3 NS-100w: KAWZ 89.9 ID

VERMONT:

Hartford: WGLV104.3 PC> 5.6 kW, 495 ft, C3 Marlboro: WSSH101.5 NW, soft AC // WZSH VIRGINIA:

Bedford: WLQE106.9 adds WW1 standards (&) Bridgewater: WAMM105.1 FC to country Charlottesville: WUVA 92.7 PC> 750w, 902 ft. Charlottesville: W286AF 105.1 NS-WVAO 102.3 Crozet WDYL105.7 NC to 3.3 kW, 321 ft, GE

WPKZ 98.5 FC to dance-CHR

Virginia:

Goochland: *** 100.5 PA: to class A Lynchburg: W229AE 93.7 NS-10w: WHPE 95.5 NC Petersburg: WVST 91.3 NC to 2.2kW(v), 167', GX Roanoke: WRDJ104.9 PG> 3.1 kW, 925 ft XG: 37-22-23 / 79-55-40

Tazewell: WTZE 100.1 adds WW1 country Waynesboro: WPVA90.1 NO-GE

WASHINGTON:

Chehalis: KACS 90.5 inc. to 187 ft. Cheney: KEYF 101.1 dec. to 1607 ft.

Ephrata: KULE 95.9 NC to 92.3 - C2, 20 kW 394 ft, GX

KWPZ106.5 CC (ex KLYN) "Praise 106.5" Lynden: KYKA 96.9 FC to regional Mexican (&) Naches: KWJZ 98.9 PG< 58 kW, 2342 ft

DA, XG: 47-30-14 / 121-58-29 South Bend: KFMY105.7 CC (NS)

// KYKA 96.9

Walla Walla: KHSS100.9 QG to 100.7 - C3, 1.3 kW, 1374 ft, XG: 45-59-04 / 118-10-08

Yakima: KZTA 99.7 FC to classic rock "The Hawk" Yakima: KXDD 104.1 NC to 100 kW, 1128 ft, C3 XC: 46-37-39 / 120-44-17

WEST VIRGINIA:

Logan: W220BK91.9NS-10w(v): WVWV 89.9 Morgantown: W204AX 88.7 NS-WYFG 91.1 SC Ravenswood: WFYZ93.1 NW, variety // WFYZ-AM

(features country bluegrass s gospel, religion) Romney: WJGF 88.1 GA to 104.1 - A

Summersville: WMLJ90.5 GX CP for circular polar.

WISCONSIN:

Antigo: *NS 106.1 10 kW, 276 ft, Balsam Lake: "NS104.9 PG> 22 kW, 348 ft XG: 45-29-27 / 92-11-32

Madison: *NS 91.7 5.6 kW, 338', DA (U of W)

Mayville: WMVM 98.7 NO-GE

Nekoosa: WXEC 93.7 PG> 25 kW, 328 ft, C3 Plymouth: WXER104.5 FC to WW1 a/c (&) Pt.Washington: WGLB 100.1 FC to 70's oldies (&) Wausau: W256AG 99.1 NS-250w: WMZK 104.1 WI

WYOMING:

Chevenne: KRRR 99.9 CC (NS) Gillette: *NS 90.9 AF (U of Wyo.) Laramie: KKNG 104.5 NW, country Pinedale: KPIN 101.1 CC (NS) Sheridan: *NS 91.3 AF (U of Wyo.)

U.S. TERRITORIES:

GUAM:

Dededo: *** 105.1 PA for class C

PUERTO RICO:

San German: WZGX91.7 PG<220w(v), 436 ft.

SAIPAN:

Garapan: *NS 101.1 3.2 kW, -213 ft.

VIRGIN ISLANDS:

Charlotte Amalie: WVGN 105.3 PG> 15 kW< 1584 ft,

TA DEWS

HABBILLON CHEER!

DECEMBER 1996



EGERRA

BRITISH COLUMBIA:

Chetwynd: *NS 101.1 QG to 94.5, 27 w Ft. Nelson: CFNL 590 QG to 102.3, 1.8 kW Ft.St. John: *NS 98.5 20 kW

Parksville: CKWV199.9 PG> 1.1 kW, still // CKWV 102.3 but splits for commercials

QUÉBEC:

Armagh: *NS 103.9 1120w.





MEXICO

COAHUILA:

Saltillo: XHALA 97.7 "Radio Concierto", classical **GUANAJUATO:**

XH? 101.3 "Extasis Digital" Leon: XH? 88.9 // XEB "Radio 13"

SAN LUIS POTOSI:

San Luis Potosi: XH?88.1 "Radio Universidad" San Luis Potosi: XHOD 96.9 SG "Oasis"

San Luis Potosi: XHOB 96.1 SG "Stereo Sensacion" San Luis Potosi: XH? 91.9 SG "Estereo Vida", 30 kW San Luis Potosi: XHQK 98.5 SG "La Comadre FM"

San Luis Potosi: XH?93.7 SG "Super 94"

· Thanks to Fernando Garcia for the Mexican station information appearing this month!!

. Doug Smith comments on William Wyllie's DX report from June 11th, where he heard WSRI/ WUSI ID on 91.9. Doug confirms that this was indeed WSIU Carbondale. In addition, during a recent road trip, Doug noted a strange station IDing in Northern Illinois: "The Choice, 101.5 WZCM Schaumburg-Chicago". I cannot find any record of this station, nor can Doug in the FCC's online database. A pirate? Doug heard them well in the I-90/I-290/Woodfield Mall area, so he estimates the power would be around 300 watts ERP! Any Chicagoland members know anything more about WZCM? Doug also kindly reported other station news, which is in the main column above.

· Eric Bueneman sends in several items this month. First, the summer St.Louis ratings show KMOX 1120 winning again, with a 13.2. Not so close behind in 2nd was country WIL 92.3 (8.0), followed by urban KMJM 107.7 (6.3). Rounding out the top ten in this order was KSHE 94.7, KYKY 98.1, KEZK 102.5, KPNT 105.7, WKBQ 1380, KLOU 103.3, and KSD 93.7. Eric also notes that the following stations are now non-commercial: KCIV 99.9 Mt.Bullion, CA, KCCV 92.5 Olathe KS, KAYX 92.5 Richmond MO, and KLTE 107.9 Kirksville MO. In other St. Louis area news, WKKX 106.5/WKBQ 1380-104.1 has been sold by Zimmer Bdctsg. to Indy-based Emmis Broadcasting, which already owns KSHE 94.7 in that market. The sale price was \$42.5 million dollars. The new conglomerate will hold about 13% of the market audience. No immediate relocation plans for the studio are in place.

 Finally, I would like to wish all WTFDA members and their loved ones a safe and happy Holiday Season! Thanks to all of you for support of the club in 1996 and for all your kind words! Looking forward to hearing from all of you again in 1997, and hopefully some new faces as well!

SUPPORT YOUR CLUB! HELP SPREAD THE IIIORD ABOUT TU-FM DX'ING AND THE WIFDA!

SATELLITE NEWS

GEORGE W JENSEN 4604 ANNTANA AVENUE BALTIMORE MD 21206-4220

The Shopping Channel

The The transponder list continues - this time with Galaxy 5 and 9 and a few odds and ends. First - some updating of previously listed transponder/satellite items. Satcom C-1 - 13 - now the Cal Channel all previously listed Prime Sports Channels are now known as Fox Sport Channels 17 - Fox Midwest 18 - Fox Rocky Mountain On Galaxy 1 - 10 - MSNBC is now in VC2 On Satcom C3 - delete - 1 - Family Channel West is now digital only

the rundown contunues++++++ G-Star 2 - 125 West - Ku-Band only - 14 - 20 watt/2 27 watt transponders - 1986 in service and in inclined orbit soon to go out of service - ID slide still on XPRD 11V

Galaxy 5 - 125 West - March 10, 1992 - (10 years+) 16 watts Odds-Horizontal // Evens - Vertical

1 - Disney Channel - East VC2

2 - Playboy - VC2

3 - Trinity - religious

4 - Sci-Fi Channel VC2

5 - CNN - VC2

6 - WTBS - CH 17 - Atlanta, Georgia

7 - WGN - Ch.9 - Chicago, Illinois VC2

8 - H.B.O. - West VC2

9 - E S P N -10 - MOR Music Channel

11 - The Family Channel - East VC2

12 - Discovery - West VC2

13 - C N B C

13 - C N B C V

15 - H.B.O. - East VC2

16 - Cinemax - West VC2

17 - T.N.T. VC2

18 - The Nashville Network VC2

19 - U.S.A. East VC2

20 - Black Entertainment Television B.E.T.

21 - Knowledge Television

22 - CNN Headline News VC2

23 - A&E - Arts and Entertainment VC2

24 - digital

There are several audio subcarriers and these will be listed in a later listing.

SBS 5 - 123 West - Ku-Band only - September, 1988 (9 years) - 20 and 40 watt transponders - 1-10 horizontal 11 - 14 - vertical Used for news, sports and other feeds and the old Holiday Inn Satellite Cinema Services in MAC -Russian American Satellite Network is NOW ON XPDR 12



Galaxy 9 - 123 West - Spring 1996 - 16 watts - 12 years C Band Only - Odds - Horizontal/Evens - Vertical; 1 and 2 - feeds 3 - NHK to Tokyo from New York - feeds 5 through 12 - feeds

13 - Infomercials

14 - Sundance Channel - East

15 - Showtime West VC2

16 -

17 - Nickelodean - West VC2

18 - The Movie Channel - West

20 - 21 - ESPNews VC2

22 -

23 - Computer TV Network



There will be many other services added to Galaxy 9 in the very near future.

Telstar 303 - 120 West - June 19, 1985 - (10 years) 5.5 Watts - inclined orbit - Odds-Vertical/Evens-Horizontal IS PROBABLY NOW TOTALLY OUT OF SERVICE

Echostar 1 - early 1996 Echostar 2 - October 1996 119 - West for both - KuBand only - 10 year life -16 transponders each - Power ???? - Is being used as a digital - Compressed Video DBS satellite service only. I have detected no video - but do get strong signal readings on meter.'

Thats all for now see you in 30.



TORONTO'S ONLY COUNTRY

Victor Frank 12450 Skyline Blvd. Woodside, CA 94062-4541 email frank@sneezy.sri.com (415)851-7031

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744

Equipment:

Emerson 1987 model 872 VCR used as the tuner ahead of a 9" B&W Keepsafer CCTV monitor. Archer V-100 and 8-bay bow-tie UHF array at 20' AGL with rotor.

October 16 1996 Es UTC 0158 KOTA 3 SD Rapid City

November 5, 1996 Es 2315 WBTV 3 NC Charlotte 2326 WSB 2 GA Atlanta

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

| September 1996 | CDT | |
|-----------------|-----|-----|
| Zilch | | |
| October 9, 1996 | Es | CDT |
| 4040 O.L. | 2 5 | |

| BUTTON I | | | | |
|------------------|-----|----|--------------------|-------------|
| October 9, 1996 | Es | | | CDT |
| 1910 Cuba | | | | |
| October 14, 1996 | Tro | po | | |
| 2231 WWMB | 21 | SC | ID-wow! | 715 |
| 2252 Atlanta U's | | | | |
| 2302 WRLK | 35 | SC | Color bars | 640 |
| 2310 WATC | 57 | GA | ID,"TV 57" supered | 455 |
| 2333 WUNU | 31 | NC | New tr state ID | 765 |
| October 15, 1996 | Tro | ро | | Taxable Co. |
| 0002 WNGM | 34 | GA | ID | 515 |
| 0021 WXIA | 11 | GA | see note 1 | 455 |
| October 20, 1996 | Tro | ро | | 22222 |
| 1934 WFTX | 36 | FL | ID HSC PBS | 620 |
| 1940 WBHS | 50 | FL | HSC | 550 |
| WBSV | 62 | FL | | 575 |
| 2136 WUSF | 16 | FL | PBS | 550 |
| 2155 WFCT | | | ID | 560 |
| 2205 WINK | 11 | FL | see note 1 | 625 |
| 2249 unID | 35 | | see note 2 | |
| 2317 W60BK | 60 | FL | TBN to SE not WT. | JP 550 |
| October 21, 1996 | Tro | ро | | |
| 2054 WDHN | 18 | AL | Mon Night Football | 340 |
| | | | | |

Note 1 - Both of these stations were logged thanks to local KIITT flickering on and off (5 sec. at a time each).

Note 2 - My first Miami? Suspect WDLP as the signal heading was a few degrees south of Orlando (WOFL). Programming was some sort of board meeting with some writing in the lower left. Heard also, "your local government channel." No listings in the Miami Herald. Can anybody help (Combs?)?

WUNU is my furthest tropo to date! I never would have expected to get NC via tropo, over such a long land path. My setup never ceases to amaze me!

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688

| September 20 1996 | Tropo | UTC |
|----------------------|--|-------------|
| 0255 unID 20 TX | TBN; west | |
| September 22, 1996 | Tropo unless noted | |
| 0325 XERV 9 TA | | 513 |
| 0345 KENS 5 TX | | 347 |
| KMOL 4 TX | | 347 |
| 0350 KLRN 9 TX | | 347 |
| 0430 KZTV 10 TX | | 385 |
| 1730 WMAR 2 MD | Short-lived Es | 1072 |
| September 23, 1996 | Tropo | |
| 0415 unID 42 TX | America 1; Houston bea | ring |
| 0635 unID 20 TX | TBN; west | |
| 0710 KAVU 25 TX | | 314 |
| | Longview TBN; ID 0830 | 57 |
| September 24, 1996 | Tropo | |
| 1615 K05HX 5 TX | Lufkin TBN | 93 |
| September 29, 1996 | Tropo | |
| 0235 XERV 9 TA | | 513 |
| Area tropo for a | few days | |
| October 1, 1996 Trop | | UTC |
| 1235 Houston V and L | J s/f until afternoon | |
| KOLR 10 MO | In until afternoon | 335 |
| 1600 KDEB 27 MO | | 335 |
| 1620 Tulsa 2,8 | | |
| 1640 KOZK 21 MO | | 335 |
| October 2, 1996 Trop | po | |
| 0110 Springfield, MO | 10, 21, 27 back | |
| 0130 KOCO 5 OK | | 303 |
| 0135 KFOR 4 OK | | 303 |
| KOKH 25 OK | | 303 |
| KWTV 9 OK | | 303 |
| 0310 Tulsa 2, 8 ba | | |
| 0402 unID 25 | NBC; north | |
| 0405 KHOG 29 AR | | 254 |
| 0510 Tulsa 6 (Floa | ating), 11, 23, 47 | |
| 0515 KRCG 13 MO | 500 00 00 | 435 |
| 0557 KETA 13 OK | | 303 |
| October 4, 1996 Trop | po | |
| 0150 WHBQ 13 TN | | 285 |
| October 7, 1996 Trop | po unless noted | |
| 0915 WGNO 26 LA | | 274 |
| | CBS, Es | |
| October 9, 1996 Trop | | |
| | TBN; west | |
| | Toward Houston | |
| 1320 WGNO 26 LA | | 274 |
| October 9, 1996 Es | | |
| | TV7; strong for 15 minu | tes |
| 2340 unIDs 2,3,4,5 | | |
| | Keeping up appearance | s 939 |
| Cuba 2 | The state of the s | - OTVERSION |
| | //2 | |
| 1757 FEBRUARY 1076 | | |

Western TV DX (D.Oglethorpe's report continues)

| 2355 | WPTV | 5 | FL | NBC; World Series | |
|-------|-----------|-----|-----|-------------------|------|
| 2355 | WTVJ | 6 | FL | //WPTV; Floating | 939 |
| 2359 | WFOR | 4 | FL | | 939 |
| | per 10, 1 | | | | UTC |
| | | | | Note #1 | 958 |
| | | | | XHGC-5 | |
| | | | | TV7, others | |
| 0040 | Cuba | | | | |
| | per 10, 1 | | | | |
| 1220 | WN | IAH | 19 | MS | METV |
| | 31 | 9 | | | |
| | WHLT | 22 | MS | 3 | 274 |
| 1345 | WXXV | 25 | MS | FOX 25 | 309 |
| | WGNO | 26 | LA | | 274 |
| Octob | per 12, 1 | 996 | Tro | opo | |
| | KOLR | | | | 335 |
| 0104 | KDEB | 27 | MC | FOX 27 | 335 |
| 4000 | KTUL | | | | 288 |
| | | | | | |

Correction: Everything listed on August 16/17 in the October VUD and September 50 MHz DX Bulletin should have been listed on August 17/18. I am sorry about the error. I sent Victor the wrong dates.

Note #1: According to new information from Doug Smith, XHTV-4 ("Canal Quatro") is not relayed by any other carrier on a full-time basis, so for now I'm claiming this one.

Comments: Many thanks to Doug Smith for finding a list of Televisa affiliates on the Internet! (Doug and Fernando have contributed greatly to my success as a TV DXer.) Using information from the list and my reception notes, the following have been added to my log:

| XHVIZ-3 | Villahermosa, TAB (XEW-2) new state |
|----------|--|
| XHATU-5 | Atotonilco, JAL (XHGC-5) |
| XHHN-2 | Huajuapan de Leon, OAX (XHGC-5) |
| 377700 0 | new state |
| XHBQ-3 | Zacatecas, ZAC (XHGC-5) new state |
| XHAGU-2 | Aguascalientes, AGS (XEQ-9) new state |
| XHTV-4 | Tres Padres, DF new state |

Calls for previous loggings:

| XHCQR-2 | Cancun, QRO (XEW-2) |
|----------|--|
| | (Cancun ads in XEW programs) |
| XHSFT-25 | San Fernando, TAMPS (XEW-2) |
| (Ferr | ando provided the location for this one) |
| XHPVE-4 | Puerto Vallarta, JAL (XHGC-5) |
| | (Fernando verified location) |

ODO (VEW A)

In addition, this list confirms that the WRTH is correct about my most-frequently-IDed Mexican station: XHBS-4 has transmitters in both Sinaloa and Sonora. This is indeed a common situation in Mexico,

according to Televisa's list. Extremely interesting. . .

Jeff Kadet, K1MOD, Box 20, Macomb, IL 61455 (309)833-1809

| Ε | | | | | |
|---|--|--|--|--|--|

3 Zenith model 1310 13" color TV sets circa 1979-82, Icom R-7100 w/video adapter, JVC 25" color monitor, Panasonic 9" b&w monitor, Zenith AC/DC 9" color TV. Screened 7' CM dish up 85' fed w/.500 hardline, UA-90 preamp; CM 1110 up 80', PA-1795 pre-amp, .500 hardline, Winegard 5 el. lo-band vertically-polarized Yagi up 10' w/misc. pre-amps, RG-11.

| Augu | st 2, 199 | 96 | Es | | CDT? |
|-------------------------|------------------------------|----------------|----|-------------------------|-----------|
| | KPRC | | | | 799 |
| 1700 | XEFB | 2 | NL | | 1162 |
| 1800 | KMOL | 4 | TX | | 883 |
| 1900 | KDTN | 2 | TX | | 613 |
| | KMID | 2 | TX | | 866 |
| Augu | st 6, 199 | 6 | Es | | |
| 1300 | WCBD | 2 | SC | | 799 |
| | WUND | | NO | | 839 |
| Augu | st 17, 19 | 96 | Es | | |
| 1700 | KPRC | 2 | TX | | 799 |
| | | 3 | | | 968 |
| 1730 | KGBT | 4 | TX | | 1070 |
| 1816 | KRGV | | | | 878 |
| | KRIS | 6 | TX | | 962 |
| 2250 | KTVQ | 2 | MT | | 966 |
| 2307 | KKTO | 2 | NN | 1 | 918 |
| | ember 1, | | | | |
| - 10 mar - 100 mm - 200 | and the second second second | s salesimente. | | Galesburg; TBN | 35 |
| | ember 2, | | | | |
| | | | | I + ON's 22,29,42 | 558 |
| | | | | Elgin; TBN | |
| | ember 9, | | | | |
| | | | | Network 1 to Omaha | ; note #1 |
| | ember 10 | | | | |
| 0235 | | | | NSTV w/no audio (Gra | |
| 500000000 | | | | the usual MN LPTV/ | |
| | | | | w indep rel to just N o | |
| | | | | OAN CB TP W/ID | 229 |
| 2310 | - | _ | KS | Lawrence; ID slide | 263 |
| | in all a | m | | | |

2330 K39__ 39z IA? American Indep Net; Iowa City? September 11, 1996 Tropo

0020 K61GC 61+ KS Wichita; rel. see note #2 410 0546 KSBN 57 AR CB TP w/ID

0617 CFMT1 69 ON October 1, 1996 Tropo

0120 Big TX Opening, relogs on most Houston and Dallas U's plus chs 22,45,48,44,57,56 TX relogs (all in 645-825 mi range)

October 4, 1996 Tropo 0354 K22 22z AR? Bloomberg News; note #3 0500 WLFG 68 VA WSBN 47 VA 499

Western TV DX (Jeff Kadet's report concludes)

| 0500 WMSY 52 | VA | 550 |
|-----------------|--------------------------|-----|
| | AR Fayetteville; UPN | 354 |
| See note # | | |
| K62DQ 62 | AR Fayetteville; KFSM-5 | 354 |
| October 5, 1996 | Tropo | |
| 0030 "KKYK" 22 | AR? See note #5 | |
| 0355 WPBA 69 | | 578 |
| 2200 | opening still going stro | ng |
| October 6, 1996 | Tropo | |
| 0200 | Toronto U's | 620 |
| | | |

Notes

- 1. May be the former K67 from Lincoln, NE back on the air
- Love these Locke Supply Company religious LPTVs. They keep their calls on a lower corner of the screen all the time.
- 3. Bloomberg news with a scrolled ad across the screen for the House of China.
- 4. IDs as "KFDF 32/36"
- Z Music videos with callsign "KKYK" on upper R
 of screen. Suspect this is the same station as above
 due to direction and offset. Perhaps K22FA Little
 Rock??

A pretty miserable fall tropo season so far. I spent a lot of the summer finally putting my TVlog onto a computer. All sorts of interesting statistics can be obtained by crunching some numbers. For instance:

of TBN LPTVs: 97
of 3ABN LPTVs: 11
of The Box LPTVs: 12
of STV Stations (all not currently STV): 40
of LPTV/xltrs E of the Mississippi: 224
of LPTV/xltrs W of Mississippi: 342
Lo-band channel with the most loggings: ch 2 - 72
Hi-band channel with the most loggings: ch 13 - 29
UHF channel with the most loggings: ch 15 - 28
Channel with most LPTV/xltr loggings: ch. 57 - 18
Es loggings per channel: ch. 2 - 60; ch. 3 - 52;
ch. 4 - 51; ch. 5 - 49; ch. 6 - 40; ch. 9 - 1.

Also, these rather depressing observations since moving here in 1983:

| | 1983 | 1996 |
|---------------------------|------|------|
| Stations within 50 miles | 4 | 11 |
| Stations within 75 miles | 10 | 28 |
| Stations within 100 miles | 20 | 48 |
| Stations within 150 miles | 43 | 109 |
| Stations within 200 miles | 71 | 170 |

I agree with ye editor that it would be nice if the R-7100's narrow FM filter were just a bit wider. 73

In Search Of A Broadband Null

Regular readers of VUD may have noticed the absence of mention of phasing boxes in the TV columns. These are devices used to combine antenna outputs in such a way as to null out (reduce the amplitude of) unwanted stations. Phasing boxes are used for FM reception, however, where the percentage bandwidth used is small enough (0.1%) that a null can be maintained over the whole channel.

Consider, however, the low VHF TV band, where reception of DX stations is more likely limited by interference from other TV stations rather than by noise. The percentage bandwidth occupied by TV stations in this band is not 0.1%, but is about 10%.

A signal may be cancelled by combining two equal amplitude sources of that signal that are 180° out of phase. Theoretically we could obtain perfect cancellation, but in practice we have trouble maintaining the necessary amplitude or phase conditions, especially over a wide band of frequencies.

To give you some idea of the precision required, note that if one of the amplitudes is 10% different from the other, or the phase difference is more than 5.7° from the required 180° difference, then the best null obtainable is only -20 dB. If both phase and amplitude errors of this magnitude are present, the null is only -17 dB. To obtain a more respectable -37 dB null the amplitudes must be equal within 1% and the phases within 0.57° of 180°.

Thus if the 180° phase reversal is provided by a length of transmission line, or even by lumped constants, a good stationary null will not likely be obtained over a wide band of frequencies.

There are other ways to reduce the strength of local stations relative to skywave propagated DX stations. One way, mentioned by our reporters, is to mount the antenna close to the ground. The ground reflected image of a horizontally polarized antenna is almost of equal amplitude and shifted by 180° for signals arriving near the horizon. The result is a null at the horizon for all azimuth angles. Although present for all antennas, it is broader for lower antennas.

I have already mentioned in this column using vertically polarized antennas to reduce the strength of local stations. In future columns, I plan to write about combinations of antennas in which the phase shift is obtained with a 180° hybrid or by inverting one antenna. Then differences in transmission line lengths may be used to position a frequency-independent null.

EASTERN TVDX

WILLIS MONK - WB5KHD P.O. BOX 1452 COLLEGEDALE, TN 37315

Today is 14 November as I start to write this edition of Eastern TV DX and due to the death of my Father and that my deadline is the 14th, I am unable to write the a full column. I've had to spend some two weeks in Texas working out the problems that all funerals seem to bring. Please forgive the delay in reports. All reports will be up to date by the December issue.

-...- -...- -...- -...-DAVE NIEMAN

Ho Sta Geh Road, Rock City, N.Y. 14749

OCTOBER 1996

6 Tr 0730 WGTU-29 MI 380
0843 WGKU-45 MI 377
0859 WPNE-38 MI 507
27 Tr 0614 WRDC-28 NC 437

ERIC VOYTKO

1721 Dalewood Place, McLeon, Va. 22101

| OC | TOBE | R 1996 | | | |
|----|------|--------|----------|--------|-----|
| 7 | Tr | 0752 | WMGC-34 | NY | 230 |
| | | | WSKG-46 | NY | 230 |
| | | | WNEP-16 | NY | 170 |
| | | 0757 | WFVT-55 | SC | 340 |
| | | 0758 | WLTX-19 | SC | 390 |
| | | | WNEH-38 | SC | 420 |
| | Tr | 0800 | WRLK-35 | SC | 390 |
| | | 0803 | WHNS-21t | NC | |
| | | 0805 | WRJA-27 | SC | 370 |
| | | | WJWJ-16 | SC | 480 |
| | | 0808 | WUNJ-39 | NC | 320 |
| | | 0815 | WCNC-36 | NC | 320 |
| | | | WJZY-46 | NC | 330 |
| | | 0817 | WOLO-25 | SC | 390 |
| | | 0827 | WJPR-21 | VA | 170 |
| 7 | Tr | 0827 | WEFC-38 | VA | 200 |
| | | 0829 | WPDE-15 | SC | 340 |
| | | | unID-48 | 'WVVN' | |
| | Tr | 0934 | WGPT-36 | MD | 130 |
| | Tr | 1054 | WKBS-47 | PA | 130 |
| | Tr | 1340 | WBRA-16 | VA | 200 |
| | | | WSBN-47 | VA | 330 |
| | | | WMSY-52 | VA | 270 |
| | Tr | 1815 | WUNE-17 | NC | 320 |
| 7 | Tr | 2257 | W1CZ-40 | NY | 230 |
| | 55.7 | 2318 | WBNG-12 | NY | 230 |

BOB SEYBOLD

76 E 6th St. Dunkirk, N.Y. 14048

OCTOBER 96

27 Between 1500-2200 EST had a surprise tropo opening. As the band was dead shortly before 1500 and dropped off rapidly after 2200. Band very crowded with channels several deep but only a few with strong signals, normal close stations were weak or not there. First noticed channel 15 from North Dakota and 32 from eastern Iowa. Then noticed stations from central and southern Illinois, Missouri, Oklahoma, Arkansas, Louisiana, Mississippi and then into Indiana. Some of my loggings are as follows... WICD-15, WICS-20, Peoria-19& 31, Ft. Wayne-15 & 39 Louisville-32, Lexington-36, KISB-52, KWMJ-53, KFAA-51 WLFI-18 WOVC-44 WTCT-27 K64DT-64, channel 30 & 36 from St. Louis, KDEB-27; WDBD-40; WHNO-20; WCMB-44; WNOL-38; KLRT-16; KARD-14; KASN-38; KTVH-26 16 from Joplin, Mo; Mansfield, OH-50 & 68; WKOI-43; W39BH-39, WICD-15; A few Canadians sneaked in from the north. Quite an opening althought on 28 October trops from 1100-1300 WCUE-43 Battle Creek; also 41,23,47.

HARRY HAYES

9 Henry St. Wilkes Barre, PA 18702 OCTOBER 1996

| 1 | Tr | 2105 | WVTA-41 | VT | |
|---|----|------|---------|------|-----------|
| | | 2115 | WMEA-26 | ME | |
| | | 2117 | WNNE-31 | VT | |
| | | 2159 | WETK-33 | VT | |
| 2 | Tr | 0400 | WBNE-59 | CT | |
| | | 0420 | WTXX-20 | CT | |
| | | 0440 | WTIC-61 | CT | |
| | | 0448 | WVIT-30 | CT | |
| | | 0458 | WLVI-56 | MA | |
| | | 0500 | unID-41 | Span | ish |
| | | 0505 | WHSH-66 | MA | |
| | | 0530 | unID-64 | S/ON | 1 |
| | | 0713 | W33AV | MA | |
| | Tr | 0740 | WUNI-27 | MA | |
| | | 0800 | WMFP-62 | MA | S.A.H. |
| 6 | Tr | 2124 | WETK-33 | VT | |
| | | 2125 | WRNN-62 | NY | |
| | | 2332 | WVTA-41 | VT | |
| 7 | Tr | 0444 | WNHT-21 | NH | W/WABU-68 |
| | | 0900 | WITF-33 | PA | |
| 8 | Tr | 0828 | WLVI-56 | MA | |
| | | 0840 | WFXT-25 | MA | |
| | | 0900 | WMFP-62 | MA | |
| | | 0901 | WVIT-30 | CT | |
| | | 1012 | WTIC-61 | CT | |

D-D-D-D DAT'S ALL FOLKSIIII MERRY CHRISTMAS 73's

NORTHERN FM-DX

GREG CONIGLIO 90 SLATE CREEK DR. APT #3 CHEEKTOWAGA, NEW YORK 14227 new mail address above!!!

e-mail: coniglio@localnet.com

For DXers in: MA,NH,VT,CT,MA,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,WY,ID, WA,OR,AK,Canada DECEMBER 1996 DEADLINE: The 5th 106 CHTOIF: 3 months from postmark Still relatively quiet this autumn, with no major DX openings, skip or trop. The skip season seems to have ended abruptly, with no sign of "off-season" openings noted. There have been some decent Tr openings however. Most of the reports here involve trops along the Eastern Seabord or inland a bit from there. Many of these openings seem to be hurricane related. If you have had some DX recently, let's hear from you!! Thanks to all who reported in 1996, looking forward to hearing from you all throughout 1997 as well!

DANIEL OETTING - 4106 ELAND DOWNE - PHOENIXVILLE, PENNSYLVANIA Equipment: Harmon-Kardon Citation 23, rabbit ears, & FM yagi at 18 ft AGL

SEPTEMBER 1996 DX

2116 WZWW 95.3 PA Bellefonte, wx, "3WZ"

1700 Hurricane Tropo to Central VA/N.England 19 TrS

1400 WRRN 92.3 PA Warren, b, rare

29 Tr

0656 unID 101.7 k, Jamestown, NY? OCTOBER 1996 DX

2200 All Norfolk VA FM in solid! Even on local used frequencies

2233 WERO 93.3 NC Washington

2235 WKHK 95.3 VA Colonial Hts, k, v.strong 2300 WCXL 104.1 NC Kill Devil Hills, XL104

2306 unID 105.1 ?? k station calls "WRAQ"

2325 WXGM 99.1 VA Gloucester, Extra 99.1

2355 Tropo stronger to Hudson Valley/L.Island

0932 WAAF 107.3 MA Worcester, rp, strong 4 Tr

1021 WSQX 91.5 NY Binghamton, t, calls

OCT. 6 Tr (Super - Hurricane related) 0958 Harrisburg PA 94.9 on very low power! 0959 Lots of strange in and out stuff 1027 WKLL 94.9 NY Frankfort, rp, K-Rock 1123 WHOM 94.9 NH Mt. Washington, rm, calls 1301 WPVR 94.9 VA Roanoke, "Arrow 94.9" See note at end of report 2223 WHOM 94.9 NH Mt. Washington, in very good and steady 2320 unID 100.9 ?? 30 min. straight piano music heard 2322 WROVt 96.3 VA Martinsville, rp 2350 Went to bed thinking the tropo was losing it's punch. Wrong! Joe Fela tole me what I missed. See this his report. 0802 WPVR 94.9 VA Roanoke, still in good with Harriburg back to regular power 2030 WXTK 94.9 MA W.Yarmouth, t NOVEMBER 1996 DX 1 TrS 1030 WKDN 106.9 NJ Camden, OFF AIR 1032 WAFX 106.9 VA Suffolk 1035 WARX 106.9 MD Hagerstown, o. ad

The October 6/7 tropo will last in my mind for a long time. It was so strange hearing NH close to noontime, then as I was travelling to a wedding early that afternoon in Lancaster, Pa, I was amazed at Roanoke, VA coming in so well on 94.9. I thought I had found the "ultimate hill" that I was travelling on. Then when we left the wedding in Lancaster and returned home that evening, I turned the radio back on and found 94.9 Roanoke, "more rock and roll - The Arrow" in solid as a rock! It was still in at home and I rushed to the tape recorder and started some serious DXing on my HK-Citation 23. Well, not only was I getting 250 miles hard path DX to the SW, I was getting 300+ mile hard path DX to the NNE. Mt. Washington, NH was in beautiful! Wish I had stayed up past 2AM for Interior S.C. stuff.

-Have a great Holiday season! Dan O.



HAPPY HOLIDAYS FROM YOUR FRIENDS AT WTFDA!!

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - McIntosh MR-78 tuner/stacked Stereo Probe 9s + a single Stereo Probe 9, on rotors, at 40 ft., Bolin phase box.

| | | , Bolin phase box. |
|--|-------|--|
| | Time: | |
| AUGUST 1996 | | OCTOBER 1996 |
| 2 Tr | 0.00 | 1 Tr |
| 0120 W232AC 94.3 NY Pomona, t-WJUX-99.7 | 47 | 2200 Strong opening to Richmond |
| 0131 {WAXB}105.5 NY Patterson, "B-105", | | eastern North Carolina |
| area mentions, Ex: WRVH/WMJV | 76 | 2234 WPNC 95.9 NC Plymouth, loc |
| 7 Tr | | "Magic 96" |
| 2255 WGSK 103.5 DE Bethany Beach, ads, r, | | 2259 WDRP 98.9 NC Windsor, lega |
| "The Shark", legal ID, WKTU phased | 143 | gospel, WUSL pha |
| 2322 WBEY 96.9 MD Crisfield, "Bay Country | ," | 2317 WPTM 102.3 NC Roanoke Rapid |
| + call, k, WFPG phased | 194 | "New Country" |
| 8 Tr | 55000 | 2340 WGRO 95.9 VA Colonial Beac |
| 0100 WPBX 88.3 NY Southampton, ID, into | | oldies, legal |
| BBC World Service, strong over a | | 6 Tr |
| phased WBGO | 88 | 2102 WPVR 94.9 VA Roanoke, "Arr |
| | | |
| 0946 WNOR 98.7 VA Norfolk, "FM99" + call, | | local promo/c |
| contest, WRKS phased | 275 | [2200-0200 very little on FM but |
| 31 Tr | | Toronto, NE Ohio, and Roanoke n |
| 0119 WXPH 88.1 PA Harrisburg, | | _7 Tr |
| // to WXPN-88.5 | 131 | 0030 WPIG 95.7 NY Olean, "The P |
| 0158 W297AD 107.3 PA Philadelphia, | | After Midnigh |
| t-WRDV-89.3, WRQX phased | 58 | 0153 WYSN 101.7 PA Central City, |
| 0242 (WSVY) 107.7 VA Windsor, "The V", | | 0153 WYSN 101.7 PA Central City, "Sunny 101.7" |
| local ads, urban, Ex: WXRI | 287 | 0222 WWXMt 97.7 SC Georgetown, " 0248 {WHBZ}99.7 SC Port Royal, " |
| 0938 WYFL 92.5 NC Henderson, gospel | 364 | 0248 {WHBZ}99.7 SC Port Royal. " |
| SEPTEMBER 1996 | ~ ~ . | wind - The Breeze", lega |
| 01 Tr | | mostly j, some o, Ex: WHIK |
| 2222 WDSP 96.9 NY Arlington, jazz pgm., | | 0313 WHLZ 92.5 SC Manning, "Whe |
| | 81 | 0333 {WSTS}100.9 NC Fairmont, ad |
| WDST references | | |
| 2254 WMXW 103.3 NY Vestal, call | 133 | ref. to southern gospel, E |
| 2330 WKSB 102.7 PA Williamsport, | | 0359 WSUY 100.5 SC Charleston, " |
| "Kiss 102.7", WNEW phased | 142 | PSA, legal ID |
| 2355 WAVT 101.9 PA Pottsville, | | 0405-0500 Tentative Charlestons |
| "T-102 FM", WQCD phased | 93 | 98.9-102.5 + who runs |
| 02 Tr | | on 95.1 at this hour?? |
| 0005 WHYL 102.3 PA Carlisle, call, k | 148 | 0416 <u>WAZZ</u> 96.5 NC Laurinburg, "Oldies 96.5", |
| 0010 WKGB 92.5 PA Susquehanna, "KGB-PM" | 116 | "Oldies 96.5", |
| 5 Tr | | 0419 WROV 96.3 VA Martinsville, |
| 2153 WWWV 97.5 VA Charlotteville, "3WV" | | "ROV", r, WQX |
| + legal ID, WPST phased | 277 | 0442 WMHK 89.7 SC Columbia, cal |
| 2321 (WCYK)99.7 VA Staunton, "New Country" | | 0500, Strong! |
| local ads, Ex: WANV/WVAO | 292 | 0525 {WEGX}92.9 SC Dillon, "Eagl |
| 2345 WFQX 99.3 VA Front Royal, "Froggy 99 | | call, k, Ex: WDS |
| | | 16 GW |
| sounded k but was r while going thru | | 2302 (WRAT)95.9 NJ Pt. Pleasant, |
| the area a week or so later. | 235 | "The Rat", r, Ex |
| <u>6 Tr</u> | | Ine Rat , r, b) |
| 0002 WMRA 90.7 VA Harrisonburg, s/off, | | |
| mention of WMRA/WMRL/WMRY net. | 279 | COMMENTS: Totals now stand at 1 |
| 0044 WMGH 105.5 PA Tamaqua, call + | | I might have counted the 98.9 SC |
| "Magic 105.5", o, | 82 | the legal ID was noted. But the |
| 0102 (WJZW)105.9 VA Woodbridge, smooth j, | | garbled as it was well on its wa |
| legal ID of sorts, Ex: WXRA/WVKX/WCXR | 190 | out at the time. Unfortunately |
| 0113 {WWZZ}104.1 MD Waldorf, "Washington's | S | to have a tape rolling at that m |
| New Z-104", Ex: WSMD/WXTR | 187 | progamming was // to WHBZ-99.7. |
| 0135 WFRB 105.3 MD Frostburg, ID, k | 246 | |
| 0150 (WWBZ)103.9 MD Braddock Hts., legal | | I |
| with and // to WWZZ-104.1, Ex: WZYQ | 180 | 1 |
| with and // to wass loads by asid | 100 | |

| LT | | | | | |
|------|--------|---------|--------|--|----------|
| OCTO | BER 19 | 996 | | | |
| _1 T | r | | | | |
| 2200 | | | | g to Richmond and Carolina | |
| 0001 | | | | | |
| | | | | Plymouth, local ads, "Magic 96" | 350 |
| 2259 | WDRP | 98.9 | | Windsor, legal ID, | |
| | | | | spel, WUSL phased | 352 |
| | | | | Roanoke Rapids, call, "New Country" | 334 |
| 2340 | WGRQ | 95.9 | VA | Colonial Beach, "Q-96" | , |
| | | | | oldies, legal at 0000 | 212 |
| 6 T | 'r | | | | |
| 2102 | WPVR | 94.9 | VA | Roanoke, "Arrow", local promo/contest | 374 |
| [220 | 0-020 | Vory | 1; | ttle on FM but Altoona, | |
| | | | | and Roanoke noted on U | |
| 7 1 | r | | | | |
| 0030 | WPIG | 95.7 | NY | Olean, "The Pig 95.7", After Midnight pgm. | |
| | | | | | 233 |
| 0153 | WYSN | 101.7 | PA | Central City, | 100 |
| | | | | "Sunny 101.7" | 233 |
| 0222 | WWXM | 97.7 | SC | Georgetown, "Mix 97.7" Port Royal, "It's in t | |
| 0248 | {WHB | 2)99.7 | SC | Port Royal, "It's in t | he |
| | W: | ind - ' | The | Breeze", legal at 0303 | , |
| | mos | tly i. | 80 | me o. Ex: WHTK/WLOW | 656 |
| 0313 | WHLZ | 92.5 | SC | Manning, "Wheels 92.5" | 57 |
| 0333 | {WST | \$1100. | 9 N | C Fairmont, ads, call, | |
| | | | | | |
| 0359 | WSUY | 100.5 | SC | hern gospel, Ex: WZYZ Charleston, "Sunny 100 | ". |
| | | _ | 90 | PSA, legal ID | 59 |
| 0405 | -0500 | Tenta | tiv | e Charlestons on 96.1-9 | 6.9 |
| | | | | .5 + who runs Black gos | pel |
| | | | | at this hour???? | |
| 0416 | WAZZ | 96.5 | NC | Laurinburg, | |
| | | | | Oldies 96.5", contest | 49 |
| 0419 | WROV | 96.3 | VA | Martinsville, promo, "ROV", r, WQXR off. | 384 |
| 0442 | WMHK | 89.7 | | Columbia, call, legal 0500, Strong! | at 57 |
| 0525 | func | v102 0 | 00 | Dillon, "Eagle" + | 21 |
| 052 | (WEG. | NJ72.7 | 30 | 11, k, Ex: WDSC/WZNS | 50 |
| | 200 | | ca | 11, K, EX. WDSC/WZNS | 50 |
| 16 0 | | | | | 601 |
| 2302 | WRA' | 1}95.9 | NJ | Pt. Pleasant, legal II he Rat", r, Ex: WADB. | |
| | | | T | he Rat", r, Ex: WADB. | .3: |
| COMP | MENTS: | Tota | ls | now stand at 1999 heard | ι, |
| I m | ght h | ave co | unt | ed the 98.9 SC. above. | as |
| the | legal | ID wa | s n | oted. But the signal w | ras |
| garl | oled a | s it w | as | well on its way to fadi | ng |
| out | at th | e time | erenin | Unfortunately, I fails | d |
| | | | | ling at that moment. T | |
| LV I | | cabe | 111 | and at the months. | |

73. Joe

DAVE NIEMAN - HO STA GEH ROAD - ROCK CITY NEW YORK 14749

Equipment: Carver TX-11 tuner; IF filter modified. Channel Master model 4408 (Stereo Probe 9) at 60 feet AGL on a Alliance HD-73 rotor. Winegard FT-7600 variable FM trap for 95.7MHz, Belden RG-11/u coax feed.

New loggings are underlined. Call letters in { } are new ones.

| SEPTEMBER 1 | 996 DX | |
|---|---------------------------------|-----|
| 21 Groundwo | ave and tropo | |
| 1147 WKBI | 93.9 PA St. Mary's, call+ | |
| | "Variety-94", rm\$, ex. 94.3 | 44 |
| 1152 (WARW) | 94.7 MD Bethesda, "Arrow 94.7 | 7" |
| 110000000000000000000000000000000000000 | op\$, ex. WLTT | 222 |
| 1648 WQYX | 93.1 PA Clearfield, call+ | |
| | "Q-93", r\$, ex. 93.5 | 65 |
| OCTOBER 19 | 96 DX | |
| 6 tropo | | |
| 0950 WYXZ | 98.7 OH Crestline, Icl ads + | |
| | "wixy-radio", op\$ | 238 |
| 1022 WSSZ | 107.1 PA Greensburg, "106-Jar | ns" |
| | "106.7 & 107.1" //WAMO, s\$ | 132 |
| 1148 WCCW | 107.5 MI Traveres City, | |
| | Icl ads, o\$ | 408 |
| 1153 WKHQ | 105.9 MI Charlevoix, | |
| | "Hits-106-KHQ", r\$ | 396 |
| 1158 WGFM | 105.1 MI Cheboygan, ID, op\$ | 381 |
| 1203 WRVM | 102.7 WI Suring, ID, g\$ | 537 |
| 1233 WLDR | 101.9 MI Traveres City, "Sunny- | |
| | 102 + call, rm\$ | 409 |
| 1300 WLXT | 96.3 MI Petoskey, ID, mr\$ | 392 |
| 1436 WMMJ | 102.3 MD Bethesda, | |
| | "Majic 102.3 FM", s\$ | 224 |

MAJIC 102.3 FR WASHINGTON'S BEST VARIETY OF HITS & OLDIES

1454 WBHV 103.1 PA State College, Icl ads + "B-103", r\$

OCTOBER 1996 DX

13 Groundwave & tropo

12 tropo 0951 (WUBZ) 105.9 PA Philipsburg, call+"The



| 1000 WQRM | 106.6 PA Smethport, "Q-106+c | all |
|---------------|--------------------------------|------|
| | m\$, operating off freq. | 14 |
| 1015 WCDK | 106.3 OH Cadiz, "106.3CD- | |
| | Kountry", k\$, IcI WQRM Smethp | ort, |
| | PA operating off freq. | 176 |
| 27 Groundw | ave & tropo | |
| 1151 WJQZ | 103.5 NY Wellsville, call, r\$ | |
| | moved from 93.5 | 29 |
| The following | stations were heard because of | of |
| WJQZs frequ | ency change: | |
| 1159 WBTQ | 93.5 WV Buckhannon, ID, o\$ | 231 |
| 1201 CRCI | 93 5 ON London CRC by the | 140 |

| 1201 CRCT | 93.50N London, CBC nx, im | 100 |
|--------------------|-----------------------------|-----|
| 1205 CBCP | 93.5 ON Peterborough, | |
| | CBC news, † Mono | 146 |
| 1218 WVBR | 93.5 NY Ithaca, call, rp\$ | |
| Decide John Lawren | (folk music), | 107 |
| 1227 WJSA | 93.5 PA Jersey Shore, | |
| | call, gM | 84 |
| 1232 WTPA | 93.5 PA Mechanicsburg, | |
| | "TPAyour rock station", r\$ | 151 |
| 1 | | |

I had a good tropo opening on October 6th but the rest of the month was quiet.

Dave

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX-11 and Sherwood rx, (both IF modified), Probe 9 at 30 feet with rotor.

Bolin phase box used. New are underlined. AUGUST 1996 DX

20 ES

0931 WKGR 98.7 FL Ft. Pierce, The Gator

0934 WZZR 92.7 FL Stuart

0941 WOSN 97.1 FL Indian Ocean Shores, 40s & 50s music

98.5 ?? 98-Frog, Orlando area ment. (Mike, could this have been on 28 98.1? This sounds a little like WGNE-gc)

AUG 20. Es cont.

0947 WPAW 99.7 FL Vero Beach, k. Panther 0949 WKES 101.5 FL St. Petersburg, g 0955 WAVW 101.7 FL Vero Beach

0958 WWGR 101.9 FL Ft.Myers,k, Gator Cntry 0959 WEAT 104.3 FL W.Palm Beach,

Sunny 104.3 1005 WJBW 99.5 FL Jupiter, Jukebox 99.5 MIKE BUGAJ's report continues...

AUGUST 1996 DX CONT.

LORTHCRA IM DX

22 TR 1111 WLTJ 92.9 PA Pittsburgh, Lite Rock 1112 WWSW 94.5 PA Pittsburgh, oldies 3WS

1117 WDVE 102.5 PA Pittsburgh 1121 WKYE 95.5 PA Johnstown, Key 95

1000 CJBC 106.3 ON Peterborough, FF, mono 1000 CBCP 93.5 ON Peterborough, CBC EE

mono programming 1015 CKQM 105.1 ON Peterborough, ID, Crook & Chase Country Countdown

1020 CKWF 101.5 ON Peterborough, The Wolf 101.5

1022 CJMX 105.3 ON Sudbury, Mix 105 1026 CJRQ 92.7 ON Sudbury, Q92, alt. rock

1031 CJOJ 95.5 ON Belleville, OJ 95.5

1044 WNGN 97.5 ID heard on 92.1, is this still Pt. Henry?

SEPTEMBER 1996 DX

1 Tr (This & Aug. 31 due to Hurricane Edouard)

0910 WKEZ 94.1 VA Yorktown, easy stuff 0920 Norfolk: 92.9, 94.9, 99.7, 105.3

1420 WASH 97.1 DC Washington, Liter 1429 WRQX 107.3 DC Washington, Mix 107.3

1437 WGMS 103.5 DC Washington, c 1510 WMZQ 98.7 DC Washington, k

1825 WQSR 105.7 MD Catonsville, oldies 1840 WQCB 106.5 ME Brewer, Q106.5, k

1843 WXBB 105.3 ME Kittery, Arrow 105.3

1918 WTOS 105.1 ME Skowhegan 1922 WMCM103.3 ME Rockland, Real k 103.3

1923 WBLM 102.9 ME Portland, WDRC phased

1925 WQSS 102.5 ME Camden, local sports 1927 WKCG 101.3 ME Augusta

1933 WBQQ 99.3 ME Kennebunk, concert 1935 WLNH 98.3 NH Laconia

1946 WXGL 95.5 ME Topsham, oldies and // 96.7 Boothbay Harbor

2044 WWBX 97.1 ME Bangor, "97 X Bangor's modern rock"

SEPT 1. TR CONT.

2105 WZPK 103.7 NH Berlin, 103-7 Peak FM with WKNE phased

2000 WROR 105.7 MA Framingham, WKLB goes to 96.9 and WBCS 96.9 self destructs WROR is a reincarnation of WROR 98.5 in the 70s & 80s, same sound, maybe even DJs?

OCTOBER 1996 DX

1 TR

2240 WFSI 107.9 MD Annapolis, Family R. 2255 WWZZ 104.1 MD Waldorf, Wash's new

Z-104 2321 WVKR 91.3 NY Poughkeepsie, asking for money

2330 WQXA 105.7 PA York, modern, The Edge

2204 WPVR 94.9 VA Roanoke, "Arrow"

2207 WFRB 105.3 MD Frostburg

2220 WKYE 95.5 PA Johnstown, "Key 95"

2230 WXLK 92.3 VA Roanoke, K92 with WXRK phased out

7 TR

0647 WFGY 98.1 PA Altoona, Froggy and "Frog Net news" When is all this "froggy stuff going to burn itself out?

0712 WKCY 104.3 VA Harrisonburg, k

0729 WGAY 99.5 DC Washington, calls 0751 WGTY 107.7 PA Gettysburg, Cntry 108

18 GW

2100 WNSX 96.1 NY Poughkeepsie, modern



Something weird happening on 92.1 since Sept. 1st. I have a strong signal to my north which began rebroadcasting WOKQ 97.5 and WNGN 97.5 and for the last month settled in with WQGN 105.5 out of Groton, CT. So urban rock won out over country and religion. Good

GREG CONIGLIO - 90 SLATE CREEK DR APT #3 - CHEEKTOWAGA, NEW YORK 14227 Equipment: Pioneer TX-9100 tuner modified with 150khz and 180 khz filters, CM Stereo Probe 9 FM antenna ~ 20' AGL, CAC11 & RG6 coax, Phasing: Jerrold 10 element TV antenna at ~ 25' AGL, rotatable, into "two capacitors in a phase box", and switchable rabbit ears both into a 0-10-20 db Radio Shack amp. (Note: This eapt is still at old Williamsville address)

This is the only notable DX I have had since OCTOBER 27, 1996 TR July 9th! Granted I have been busy and may 2230 WERK 104.9 IN Muncie, ads "Work 105" have missed stuff, but not that much, from hearing of other DXers poor results also. Hope you and yours have a Happy Holiday!!

country and local political ads



EDITED FOR THE 'VHF/UHF DIGEST' BY TOM BRYANT. 849 TODD PREIS DR., NASHVILLE, TENNESSEE, 37221

Early opinions on the value of DX signals varied Some thought there was no practical use. Others, as this article from the December 1951 issue of "Radio/Television News" points out, felt that selling DX receiving gear might be a money-making proposition. Now, we know the truth. DXing can be expensive!



J. A. STANLEY

ONGMONT, Colorado-a pleasant little city about thirty miles due east of famed Longs Peak-is over 500 miles from the nearest television station. But that hasn't prevented McKee's Modern Home Center, an appliance store right on Main Street, from erecting a television antenna, installing a receiver, and actually receiving television signals

As a matter of fact, Lawrence Pickerell, technician for the store, has logged twenty-four stations, and is adding new ones regularly. Howard McKee, the owner, says that television DX-ing will pay off businesswise-and has had previous experience to prove

McKee and Pickerell were associated in another appliance store in Iowa, and that is where the story begins.

"A station with TV came on the air over a hundred miles away," says Mc-Kee. "One was due to be built which would be a lot closer. But instead of waiting for it-one store in town went right to work doing everything they could to pick up the 'fringe' station.

"Naturally, reception wasn't good at times. But at other times it was OK.

thing. The store which first began pulling in the distant station got a tremendous amount of local publicity. Further, their service department got a lot of practical experience from working with TV equipment.

"Well, as was expected, a TV station was finally built close by, and long distance reception was no longer necessary. But when TV sets began to sell in the town, the store which had become known locally as 'the television store' wound up with a lion's share of the TV set business.

Having watched all of this work out in Iowa, McKee and Pickerell decided to follow the same plan in Colorado,

Table 1. Log of TV stations received in Longmont. Colorado, at McKee's Modern Home Center. TV DX-ing has paid all handsomely.

| City Birminghom | Station | Channe |
|----------------------------|---------|--------|
| Birmingham | WBRC | 1 |
| Hellywood San Francisco | KEON-TV | |
| Atlanta | WAGA-TV | |
| | WNBO | |
| Chicago | WREB | 2 |
| Louisville | WAVE-TV | - 2 |
| Detroit | WIBK-TV | |
| Minneapolis | WYCN-TV | - 7 |
| Egnaga City | WDAF-TV | - 2 |
| Kansas City Omaha | WOW-TV | |
| Albuquerque | ROB-TV | 4 |
| Churlotte | WBTV | 5 |
| Greensboro | WFMY-TV | 2 |
| Cincinnati | WLW.T | 4 |
| Columbus | WLW-C | 3 |
| Memphis | WMCT | 4 |
| Nashville | WSM-TV | 4 |
| Dallas | ERLD-TV | 4 |
| Houston | KPRC-TV | 3 |
| Sait Lake City | KSL-TV | 2 |
| Seattle | KING | 5 |
| Milwaukee | WIM | |
| Rock Island | WHEP | 4 |

Longmont, Colorado, however, is far from being in a "fringe" area. The only large city nearby is Denver-and Denver is one of the two cities of its size in America to be caught in the TV "freeze" without a single television station.

The nearest TV station is in Omaha, Nebraska-over 500 miles away. It all looked pretty hopeless but "Pick" and McKee decided to give it a whirl anyway

They decided that despite the distance Omaha was probably the best bet, so they bought a stacked array for Channel 6, and fitted it with a rotator. Then they added an Anchor booster to their Sentinel receiver and they were ready to go.

In the Spring of 1950 they began to receive stations with increasing regularity in the season which Pick says corresponds roughly to the "short skip" season on the 10 meter band. During '50, the best times of day were the noon hour, from 5:00 to 6:00 p.m., and from 8:30 on in the evening. During '51 8:00 a m and early afternoon were the best, with no late evening recep-

Reception during '51 was not as good as in '50, again corresponding to the short skip activity on the 10 meter

Approximately 25 per-cent of the stations are received with "program quality." Another 50 per-cent of the stations are of passable quality, good

crough to allow identifying test patterns readily. The remaining 25 percent are pretty rough going, with lots of "snow" and intermittent reception.

"Pick" wondered if nearby Longs Peak, which is over 14,000 feet high and is surrounded by other high mountains, was helping reception along. In 1950 he was about convinced that it was, for in nearly every case reception was better with the antenna pointed at the mountain-regardless of the actual direction of the station from Longmont. But this phenomena was not apparent in most of the reception in 1951, so "Pick" hasn't reached any definite conclusions regarding it.

Another interesting phenomenon occurred one day when the antenna was pointed away from the station. A bit of looking out-of-doors revealed a large, black cloud-toward which the antenna was pointed. Turning the antenna away from the cloud made the station fade out completely.

The equipment used for reception is all standard. "Pick" has grounded the a.g.c on the TV receiver to improve contrast, but otherwise the set is an ordinary TV receiver. The location is right in the heart of the business district, on a street which is also a highway, so receiving conditions are far from ideal. "Pick" is working on a neutralized 6J6 booster, which he hopes will improve signal-to-noise ratio.

Checking over Pickerell's log (see Table 1) shows that despite the fact that the antenna is cut for Channel 6, most of the reception is on Channels 2, 4, and 5. The most consistent station, and the one with the best signal, is KPRC in Houston, Texas. Pickerell

Howard McKee (left) of McKee's Modern Home Center believes that television DX-ing will pay off in future business—and he has had previous experience to prove it.

from this city, a broadcast which was "program quality" all of the way.

Will TV DX-ing pay off for the store? It is pretty hard to answer that question now, of course. However, there is no question but that having a TV set to work with-and maintain -is giving McKee's a jump on competitors when it comes to practical experience. Chances are good that the

watched the MacArthur broadcast TV DX-ing will do the job of identifying the store with TV.

At any rate, the first place where the writer stopped to track down the rumor that someone in Longmont was receiving TV, a man behind the counter knew all about it.

"Go down to McKee's on Main Street," he told me. "They're the television store in Longmont.

This stacked television array, mounted on the roof of McKee's Modern Home Center in Longmont, Colorado, has pulled in tele vision stations from as far away as Charlotte, North Carolina.



Using this equipment, Lawrence Pickerell has logged a total of 24 television stations-all from Longmont, Colorado, which is over 500 miles from the nearest television broadcasting outlet.





