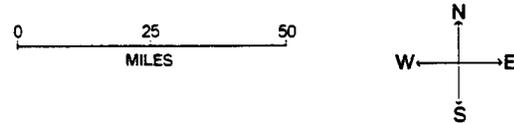


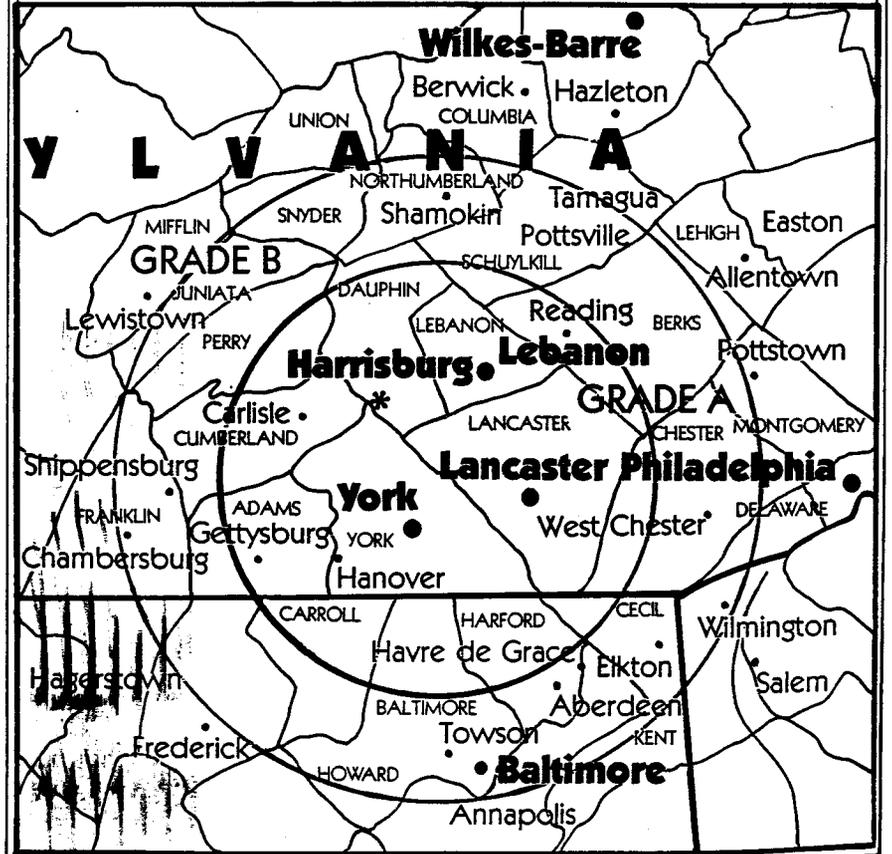
Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

AUGUST 1998



York-Harrisburg-Lancaster-Lebanon Market



WORLDWIDE TV-FM DX ASSOCIATION
PO BOX 501 - SOMERSVILLE, CT 06072



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first class mail



11/98
BILL NOLLMAN
24 A-1 LAKESHORE DR
FARMINGTON CT 06032

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.

CIRCULATION: MIKE BUGAJ EDITOR/PUBLISHER: BILL THOMPSON
COMPTROLLER: DAVE JANOWIAK CONVENTION CO-ORDINATOR: TOM BRYANT

EDITORIAL STAFF: TOM BRYANT, GREG CONIGLIO, VICTOR FRANK, GEORGE W. JENSEN, JEFF KRUSZKA, RUSSELL MILLER, FRED NORDQUIST, MATT SITTEL, DOUG SMITH, JIM THOMAS, THOMAS J. YINGLING, JR., JOHN ZONDLO
ORIGINAL COVER DESIGN: HARRY HAYES BACK ISSUES: DAVE NIEMAN

FROM THE STAFF:

E-SKIP SYNOPSIS: Depending on who you ask, this E-skip season has been anything between fantastic and a flop. They don't call it sporadic for nothing, and true to its' name, this year's event has been exactly that...sporadic. While there have been a few openings that made it into FM, the general feeling is that the season is pretty 'ho-hum'. The main oddities seem to be some unusually short hops and paths to seldom seen areas. Editors Greg Coniglio, John Zondlo, Victor Frank and Russell Miller have details in their columns. On that subject, here's a reminder to submit your reception reports to them in a timely manner. There are almost 300 VUD readers who would like to know what YOU logged.

THANKS TO DAVE AND GREG! As you read this the 1998 WTFDA Convention in Western New York State has just concluded. Deadlines don't permit inclusion of stats, but we knew in advance that a great weekend was planned, and anticipated a good turnout. Be on the lookout for a full report from co-hosts Dave Nieman and Greg Coniglio. If you missed our gathering you still have time to attend one or both of the AM club conventions. This is the last notice we will publish for these events:

IRCA - The International Radio Club of America gets together August 14-16 in Missoula, MT. For information contact Larry Godwin, 2390 Clydes Dale Lane, Missoula, MT 59804. Larry's e-mail address is <lb@selway.umd.edu>.

NRC - The National Radio Club convenes Labor Day weekend in San Antonio. For information, contact John Bowker, 1811 Ft. Dusquena Drive, Sun City Center, FL 33573 or e-mail <wa2wen@juno.com>.

MEXICAN MEMOS: "TV TIME TUNNEL" this month is devoted to Mexican TV history, and since there's a bit of extra space here we'll include a couple of notes of interest gleaned from the internet DX Chat files...items passed along by WTFDA's tropo superdxe Fernando Garcia.

CATS AND DOGS: Fernando's dog is named '*tenna*' (as in antenna)...and his cat's name is '*tropo*'! Here's a guy who really takes the hobby seriously. We wondered if he had children but didn't ask. The possibilities are endless but his son's name could be 'Skip' and a daughter might possibly be 'Rotoria' (as in rotator). If they were twins that would probably indicate a 'double-hop'!

UFO: Fernando also told how his neighbors became fearful of a glimmering object in the sky...UNTIL...they discovered it was his screened parabolic UHF antenna! We suspect too much antenna oil (tequila/cerveza) was flowing at the next door neighbor's party!

HASTA LUEGO AMIGOS, Y BUENO DXING!

WTFDA MAILBOX

Worldwide TV-FM DX Association
P.O. Box 501, Somersville, CT 06072

Mike Bugaj

lkon@Netcom.com

REJOINS

Robert Grant, Detroit MI
Mark Humenyk, Weston, ON Canada
David Bush, Sebring, OH

Gads! These mail sacks are heavy! Renewals: Alfred Laun, Peter George, Joe Perge, John Johnson, Jeff Kruszk, Tim Cronin, Dave Bright, John Marx, Mike Lapinski, William McGuire, Michael Hawk, James Wallace, Robert Ross, Michael Lazaro, David Austin, Stephen Ponder, Al Tobia, Leslie Green, Edward Ritchie, Stan Weisbeck, William Eckberg, Jeff Wolf, Chris Hanley, Glenn Lavender. I would like to thank Matt Sittel for continuing to send me mail that was sent to the Asheville address, and also for forwarding member email to me from people who were not receiving their VUDs.

Let's talk about some of the letters I've received recently. One member was a little upset that he was sending in items to various editors and finding that they were never printed. He was even more upset that he was never informed by the various editors why the items never made it into print. As far as the Mailbox is concerned, as people are already finding out, if you send something to me and if you are a WTFDAer with email, you will receive an acknowledgement telling you that I do or do not intend to use your submissions and why. And probably I will tell you in what month I intend to use it.

In another letter, a WTFDAer wondered why we don't list the publishers address and phone number in order to resolve problems. The member also wondered why the club doesn't have its own answering machine one could call to talk over and resolve problems. There was also a request for a membership list. As far as the list goes, it's club policy not to give out complete address lists. I don't think anyone wants their complete addresses given out. I sure don't. But if you have lost a friends address, or lost contact with another member I can help you. Regarding the answering machine, well, it would be great if we had a club office, but you won't find one. All the incoming mail and email comes to me here, where I use it or forward it to the correct person. You will find that I am pretty good at answering snail mail, and even better at replying to email. I don't think the club would fork over the money for a fax machine and a phone line. And regarding the publishers address and phone number, I think the fact that his email address is common knowledge should be enough.

Some of you who have received email from me know that I am actively soliciting comments, suggestions, gripes and complaints from any and everybody. If you wanted someone to complain to, you've found him. Some of you have been too kind. But one thread that seems to be running through your mail is the fact that you want no disruption in your VUD service around the period of your renewal date. We will try as much as humanly possible keep things flowing smoothly. However, if your check gets here late, or if you send your renewal to Ashville, all bets are off.

One member wished we had more technical articles, especially about signal propagation. However, he correctly added that you can't run articles you don't get from somebody. That is so true. If you noticed in the July VUD there was no QSL Corner. For there to be a QSL Corner, someone has to submit verie signers. And unfortunately, one of our veteran verie contributors is no longer with us.

Folks, I need your input regarding the WTFDA/ANARC situation. We need your mail and email comments. If you have something to say, say it now while there is time.

BANDSCANS ANYONE?

Dennis Smith of Santa Barbara, CA checks in with a few words about bandscans. Now I've been in the club a long long time, and every once in a while the subject comes up and opens up a can of worms. Well, lets open up another can right now, shall we?

Dennis writes: Would there be any interest and space in the VUD for a "bandscan-reporting" column? There have been such reports in the DX columns (though some editors publish them and some do not), as well as selected bandscans in the TV and FM News sections. However, it may be that the usual DX reporting columns are not the place for that, as it is not actual DX, whether a general bandscan from a temporary location, a scan of all locals with programming or networks, a travelling scan, etc. At the same time, more DXers are doing more travelling than ever before, with more portable and mobile equipment, to let us know what is out there to receive as potential DX by way of these scans, so there would seem to be the helpful interest in this type of reporting.

Let me put my 2 cents in here. Lets assume we decided to run bandscans. I agree with Dennis, a separate column for the scans (let's call it American Bandscan...with your host Dick Clark) would be the best way to showcase them. But you need a bandscan editor, and you need bandscan submitters, and I just wonder how much interest there is out there to support such a column. And some people absolutely hate bandscans. So, lets throw this question out to the membership.

TROPO 101

For those of you who don't know, the WTFDA has its own resident meteorologist in William Hepburn. For the past year, as an experiment, Will has been giving daily tropo forecasts on the internet. Recently Bill has had to curtail his forecasting due to heavy workload, but his forecasts remain one of the most popular attractions on the net. Here is his explanation of tropo formation. Caution: do not quit here and flip the page over to Southern FM or Western TV! There could possibly be a pop quiz on these pages next month. You never know what I'll do.

Basically, the atmosphere can have two conditions..unstable or stable. The atmosphere is unstable when warmer air is near the ground and colder air is aloft. (warm-cold in relative terms of course regardless of season). The warm air tends to rise because it is lighter (sparser) than the heavier (denser) cold air. These are the typical situations where you will see puffy cumuliform clouds that show the turbulent nature of the atmosphere. The air is usually more unstable in low pressure systems.

The atmosphere is stable when cooler air is near the ground and warmer air is aloft. Here, the cold air will tend to stay put as it is heavier and will not rise into the warm air. In fact, it can become so stable that a sharp boundary will form between the two temperature layers (often called an inversion), like oil and water. Again, temps are relative, so 75 degree air with 85 degree aloft is stable. So are 40 degree temps with 50 degrees aloft.

In this situation, the clouds are usually flat (stratiform) and often form just under the inversions where moisture sometimes becomes trapped. If this situation lasts for any length of time, any suspended particles build up and collect, creating haze and pollution and trapped VHF and UHF signals. They can refract off the inversion back to the ground at a distant location. So, over landmasses, haze and pollution come hand in hand with tropo.

Thanks for checking out the Mailbox, and I'll see you next month. And don't forget to write! -Mike

EUROPEAN DX SCENE-TV & FM

This is a sample of TV and FM DX taken from the logs of Bo Kristian Lindqvist's FMTVDX Web email list, which is a new email list that began in March of 1998. All times have been converted from UTC to EST. Take a look at what TV and FM dxers on the other side of the pond are logging:

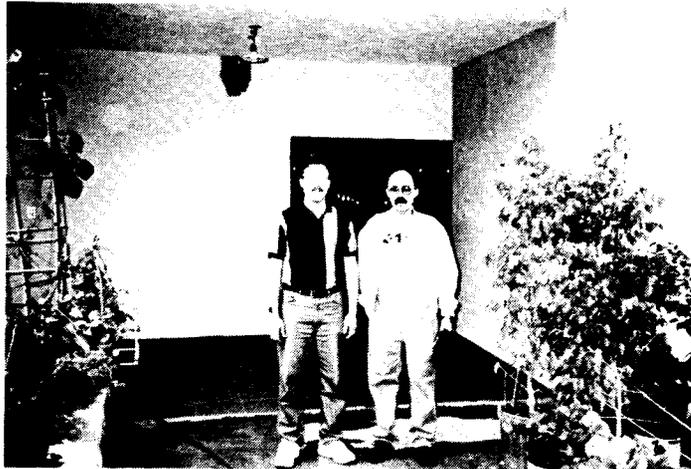
May 1998

- 1 Es 0635 Southern Finland to Ukraine-R1, TV, first Es of the season? BKL
1030 Holland to Lisbon, muf 98mhz R Brand
- 4 Es 1200 Finland to Norway, E2, E3 and FM BKL
- 5 Es 0440 Southeast Finland to Ukraine HPI
0550 Central Germany to Moscow R1, R2 and OIRT R.Nostalgie-70.25 Jurgen
0530 Finland to Balkans, Belgrade, Croatia (89.4, 89.5) Kujala
0600 Netherlands to Russia 70.10 van Arnhem
- 6 Es 0405 Finland to Italy, TV to E4, FM to 92mhz BKL
0445 Denmark to Russia and Eastward R1, 67-68mhz Neilsen
1135 Netherlands-Spain E3, 60.75 mhz van Arnhem
- 8 Tr 0115 Seville Spain to central Portugal, Lisbon area Jorge
- 17 Tr 1230 Denmark to UK, TV only Neilsen
Es 1300 Finland to Italy, muf 100mhz BKL
- 18 Es 0700 Sweden to UK
0800 Finland to Hungary/Switzerland/Germany/Czech strong TV Es BKL
- 20 Es 1120 Belgium to Italy, up to 98.8 mhz Wijnants
- 21 Es 1300 Tunisia to Kenya. The dxer, on vacation in Djerba, in southern Tunisia, watches KBC ch2 Kisumu Kenya every day for a week. Signal consists of strong video w/much shadowing...like F2 or TEP. Audio is perfect. Our dxer is using a dipole on a balcony of the hotel, with the view to the northeast. He's not sure if this is Es, F2 or TEP. R Brand/Neth.
- 22 R Brand reports this is a terrible start to the Es season
23 Dxr in Southern Sweden still looking for his first Es.
- May 16-23 DXer vacationing at Lake Balaton in Hungary has Es for five days.
17th Es from Turkey 89.0
18th Es from Greece
20th Es from Lebanon, Jordan, Cyprus, Turkey and Israel.
Lebanon-> 88.6, 89.6, 88.0
Jordan-> 90.0, 96.3, 99.0
Israel-> 95.5 and 100.2, Cairo up to 108.0
21st Es from Egypt and Lybia on 89.3, 91.9, 93.4, 96.6, 98.0
23rd Es from Spain 88.6

For those of you who would like to read more of this list on the web, go to Bo Kristian Lindqvist's web site at www.sci.fi and click on email list. BKL has the past three months worth of email list postings for you to read. Please write or email me if you would like to see this European list featured again in the VUD. -Mike Bugaj

This month we feature new photos from Fernando Garcia, Guadalupe, NL, Mexico. Outstanding tropo, Fernando! He promises more from the historic May Gulf opening that lasted practically all month long. First, here are some photos from my visit with him in April:

Me (left) and Fernando in front of his casa:



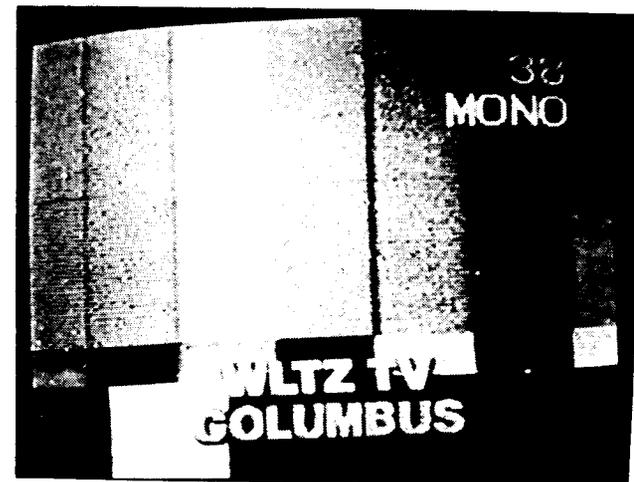
Fernando's shack interior and TV, located just below the tower (DX, as usual, is in!):



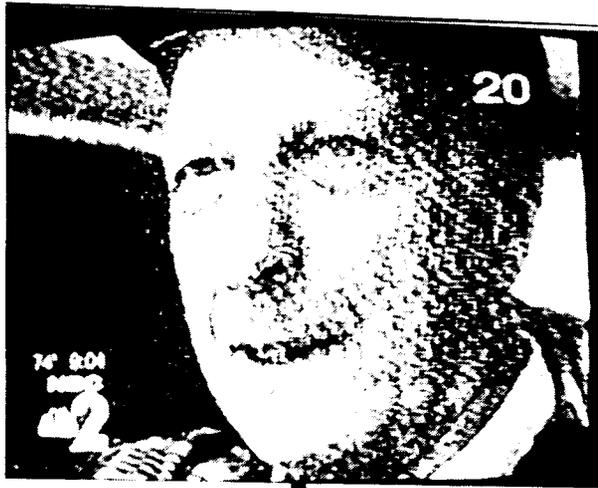
The magnificent 7' dish can be seen for miles around!



Equipment: Sony KV-27EXR15 TV, screened CM 7' dish @85' w/RG-11 and UA-900 preamp. Sony KV-13TR27 TV, CM 1110 @30' w/RG-6. Archer V-110, CM 8-bay UHF array at 60'.

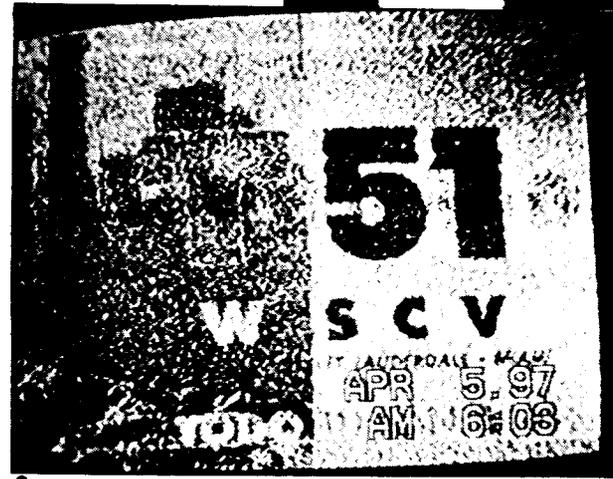
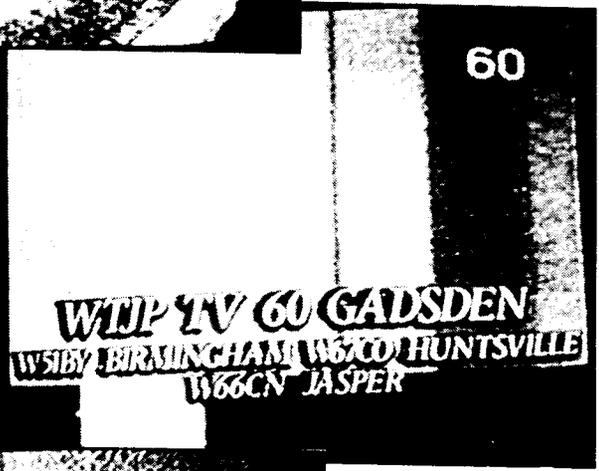


WLTZ-38 Columbus, GA
1036 mi Tr seen 4/13/98
@0400 CT



WBBH-20 Ft. Myers, FL
 1144 mi Tr seen 4/5/98
 @ 0804 CT
 Note ch. 2 (cable?) reference

WTJP-60 Gadsden, AL
 998 mi Tr seen 4/13/98
 @0200 CT



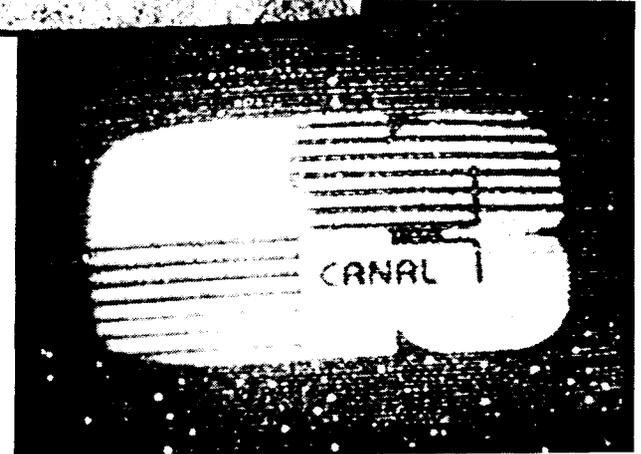
WSCV-51 Ft. Lauderdale, FL
 1242 mi Tr seen 4/15/98
 @0600 CT



WFTX-36 Cape Coral, FL
 1142 mi Tr seen 4/5/98
 @0700 CT



XHCCU-13, Cancun, QR
 897 mi Tr seen 4/11/98
 @0700 CT
 "La Imagen del Caribe Mexicana"



XHST-13 Merida, YU
 780 mi Tr seen 4/10/98
 @2330 CT

TV NEWS

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
w9wi@bellsouth.net

August 1998

*: non-commercial station
+/-: plus/minus offset
z/n: zero/no offset
.: Digital TV station

APPLICATIONS FOR NEW STATIONS

| St | Ch | ERP | Ht. | City | Applicant | Latitude | Longitude |
|----|-----|------|-----|------------|-----------|----------|-----------|
| CA | 25* | 316 | 205 | San Diego | KGTV [10] | 32-50-20 | 117-14-56 |
| FL | 9* | 15.9 | 294 | Miami | WPLG [10] | 25-57-59 | 80-12-44 |
| IN | 9* | 15.9 | 284 | Indpls. | WISH [8] | 39-53-25 | 86-21-20 |
| MO | 43* | 971 | 337 | St. Louis | KTVI [2] | | |
| OH | 10* | 13.7 | 280 | Cincinnati | WCPO [9] | 39-07-30 | 84-29-56 |
| TX | 14* | 475 | 500 | Dallas | KERA [13] | 32-34-43 | 96-57-12 |
| VA | 41* | 531 | 344 | Hampton | WVEC [13] | 36-49-00 | 76-28-06 |

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

| St | Ch | ERP | Ht. | City | Applicant | Latitude | Longitude |
|----|------|------|-----|--------------|------------------------|----------|-----------|
| AR | *36z | 2600 | 346 | Little Rock | | 34-47-56 | 92-29-44 |
| BC | 20 | .005 | | Passmore | Knowledge Network | | |
| BC | 3 | .001 | | Slocan | CKTN [8], CTV | | |
| BC | 6 | .001 | | Slocan | Knowledge Network | | |
| BC | 7 | .001 | | Slocan | to relay KXLY [4], ABC | | |
| BC | 10 | .001 | | Slocan | to relay KREM [2], CBS | | |
| CA | 29* | 1000 | 401 | S. Francisco | KPIX [5] | 37-45-20 | 122-27-05 |
| DC | 36* | 1000 | 201 | Washington | WTG [5] | 38-57-22 | 77-04-59 |
| FL | 9* | 15.9 | 294 | Miami | WPLG [10] | 25-57-59 | 80-12-44 |
| MA | 20* | 200 | 191 | Boston | WCVB [5] | 42-18-37 | 71-14-14 |
| MI | 44* | 200 | 323 | Detroit | WWJ [62] | 42-26-52 | 83-10-23 |
| MO | 43* | 834 | 337 | St. Louis | KTVI [2] | 38-32-07 | 90-22-23 |
| MO | 56* | 1000 | 333 | St. Louis | KMOV [4] | 38-31-47 | 90-17-58 |
| MS | *31- | 760 | 96 | Cleveland | MS ETV | 33-44-01 | 90-42-50 |
| MS | *43z | 743 | 141 | Columbus | MS ETV | 33-32-54 | 88-23-45 |
| MS | 45+ | 5000 | 506 | Houston | | 33-47-40 | 89-05-16 |
| MS | *32- | 769 | 11 | Yazoo City | MS ETV | 32-50-48 | 90-23-18 |
| ND | *22* | 97 | 392 | Bismarck | KBME [3] | 46-35-23 | 100-48-02 |
| PA | 26* | 770 | 375 | Phila. | KYW [3] | 40-02-33 | 75-14-33 |
| PA | 42* | 317 | 161 | Phila. | WTXF [29] | 40-03-33 | 75-14-21 |
| PA | 64* | 1000 | 332 | Phila. | WPVI [6] | 40-02-33 | 75-14-33 |
| PA | 67* | 759 | 343 | Phila. | WCAU [10] | 40-02-31 | 75-14-12 |
| TX | 27* | 261 | 534 | Houston | KRIV [26] | 29-34-28 | 95-29-37 |
| TX | 18z | 3680 | 202 | Midland | Univision | 31-54-48 | 102-02-39 |
| WY | 9+ | 1.78 | 291 | Sheridan | KTVQ [2], CBS | 44-37-20 | 107-06-55 |

APPLICATIONS TO CHANGE EXISTING STATIONS

| St | Ch | ERP | Ht. | City | Call | Latitude | Longitude |
|---------------------------------|-----|------|-----|-------------|---------|----------|-----------|
| CT | 61+ | 4990 | 611 | Hartford | WTIC-TV | 41-42-19 | 72-49-51 |
| FL | 10+ | nc | 307 | Miami | WPLG | | |
| GA | 64- | 1148 | 223 | Macon | WGNM | 32-45-51 | 83-33-32 |
| KY | 65z | 1259 | 207 | Beattyville | WLJC-TV | | |
| OH | 7+ | nc | nc | Dayton | WHIO-TV | 39-44-02 | 84-14-52 |
| (Correct coordinates - no move) | | | | | | | |
| OH | 45z | nc | 351 | Dayton | WRGT-TV | | |
| PA | 8+ | nc | 418 | Lancaster | WGAL | | |
| PA | 15+ | 12.9 | nc | Lebanon | WLYH-TV | | |
| TX | 26z | 1000 | 318 | Houston | KRIV | | |
| VA | 13- | 177 | 373 | Hampton | WVEC-TV | 36-49-00 | 76-28-06 |

(correction only)
(aux. Backup only)
(aux. Backup only)

CHANGES GRANTED TO EXISTING STATIONS

| St | Ch | ERP | Ht. | City | Call | Latitude | Longitude |
|----|-----|------|-----|----------------|---------|----------|-----------|
| AL | 31+ | 5000 | nc | Huntsville | WAAY-tv | | |
| AR | 29+ | nc | 266 | Fayetteville | KHOG-TV | | |
| AZ | 15- | 4000 | nc | Phoenix | KNXV-TV | | |
| AZ | 33z | 2290 | 510 | Phoenix | KTUV-TV | | |
| DC | 30z | 20.7 | nc | Washington | WMDO-LP | | |
| FL | 46z | 5000 | nc | Naples | WTVK | | |
| FL | 38z | 5000 | nc | St. Petersburg | WTTA | | |
| FL | 12z | nc | 309 | W. Palm Beach | WPEC | 26-35-18 | 80-12-30 |
| GA | 59- | 113 | nc | Atlanta | WSKC-LP | | |
| IA | 17+ | 5000 | 462 | Des Moines | KDSM-TV | 41-48-01 | 93-36-27 |

CHANGES GRANTED TO EXISTING STATIONS

| St | Ch | ERP | Ht. | City | Call | Latitude | Longitude |
|--------------|------|-------|-----|----------------|---------|----------|------------|
| IA | 46- | 69.3 | | Des Moines | K46EY | | from K23DM |
| IA | 40- | 5000 | 266 | Dubuque | KFXB | | |
| ID | 12+ | 198 | 802 | Nampa | KTRV | 43-44-40 | 116-06-33 |
| IL | 34z | 1.2 | | Arlington Hts. | W34CK | 41-53-56 | 87-37-23 |
| (From W17BD) | | | | | | | |
| IL | 60z | nc | 512 | Aurora | WEHS-TV | | |
| IL | 16+ | 1035 | 308 | Quincy | WTJR | | |
| IN | 63+ | 5000 | 328 | Bloomington | WIIB | 39-24-16 | 86-08-37 |
| IN | 29- | 5000 | nc | Kokomo | WTTK | | |
| KY | 56z | 5000 | 351 | Danville | WDKY-TV | | |
| KY | 21- | 1710 | 223 | Louisville | WBNA | 38-22-02 | 85-49-53 |
| KY | *68+ | 1360 | 251 | Louisville | WKMJ-TV | 38-22-01 | 85-49-54 |
| KY | 19+ | 5000 | nc | Newport | WXIX-TV | | |
| LA | 26z | 5000 | nc | New Orleans | WGMO | | |
| MA | 66z | 5000 | 356 | Marlborough | WHSN-TV | 42-23-03 | 71-29-41 |
| MI | *28- | 5000 | nc | Flint | WFUM | | |
| MI | 8- | 316 | 171 | Iron Mountain | WDHS | | |
| MO | 41- | 4000 | nc | Kansas City | KSHB-TV | | |
| MS | 8z | 0.022 | nc | Cleveland | WHCO-LP | 33-45-30 | 90-43-28 |
| NC | 17- | nc | 610 | Goldensboro | WNCN | 35-40-29 | 78-31-40 |
| NM | 29+ | 75 | 159 | Hobbs | KHPT | | |
| OH | 3z | 93 | 312 | Cleveland | WKYC-TV | | |
| OK | 34- | 5000 | 371 | Oklahoma City | KOCB | 35-33-36 | 97-29-07 |
| OK | 47z | 5000 | nc | Tulsa | KWHB | | |
| PA | 56z | nc | 503 | Hazleton | WWLF-TV | 41-11-00 | 75-52-10 |
| TN | 17+ | 5000 | nc | Nashville | WZTV | | |
| TX | 42- | 5000 | 394 | Austin | KEYE-TV | | |
| TX | 67n | nc | nc | San Antonio | KDZW-LP | 29-25-30 | 98-29-03 |
| WI | 5+ | nc | 384 | Green Bay | WFRV-TV | 44-24-21 | 88-00-19 |

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

| St | Ch | ERP | Ht. | City | Call | Latitude | Longitude |
|----|-----|------|-----|----------------|-------|----------|-----------|
| FL | 31- | 30 | | Orlando | W31AU | | |
| TX | 2+ | nc | 413 | Fredericksburg | KBEJ | 30-08-13 | 98-36-35 |
| WA | 34- | 2840 | 450 | Spokane | KGPX | | |

CHANGES GRANTED TO CONSTRUCTION PERMITS

| St | Ch | ERP | Ht. | City | Call | Latitude | Longitude |
|----|-----|-------|-----|------------------|---------|----------|----------------|
| CA | 7- | 0.249 | nc | Atascadero | K07WA | | |
| CA | 6+ | 0.053 | nc | Big Bear L. Vly. | K06MU | | |
| CA | 10z | nc | nc | Lompoc | K10OG | | 120-26-42 |
| FL | 58z | 138 | 57 | Ft. Walton Bch. | WAND | 30-23-43 | 86-30-11 |
| NE | 28- | nc | nc | Columbus | K28EN | | (from ch. 28+) |
| NE | 15z | nc | 554 | Omaha | KXVO | 41-04-15 | 96-13-30 |
| OH | 57- | 0.774 | nc | Steubenville | W57BH | | |
| PA | 69z | 1783 | 313 | Allentown | WFMZ-TV | | |
| TX | 55+ | nc | 553 | Conroe | KTBU | 30-13-53 | 95-07-26 |
| TX | 40z | 5000 | 576 | Rio Grande City | KAIO | 26-31-01 | 98-39-07 |
| TX | 63+ | 6.9 | nc | San Antonio | K63GD | 29-31-27 | 98-37-05 |
| WA | 45+ | 276 | 346 | Seattle | KHCV | 47-32-39 | 122-06-32 |

The wireless-cable systems at Anchorage and Fairbanks, Alaska have been granted power changes as follows:

Anchorage (3.6KW):
K43EY K44EK K44EN K49EE K50EP K50FI K53FN K53FT K64FA K66SM
K67EY K67FP

Fairbanks (9.0KW):
K43EY K66EY K66FP K67EY K67FP K67EY K67FP K67EY K67FP K67EY K67FP
K67EY K67FP K67EY K67FP K67EY K67FP K67EY K67FP K67EY K67FP
K67EY K67FP K67EY K67FP K67EY K67FP K67EY K67FP K67EY K67FP

NEW STATIONS GRANTED/REQUESTING OPERATING LICENSES OR NOTED ON THE AIR

| St | Ch | ERP | HAAT | Call | City | Latitude | Longitude |
|----|-----|------|------|---------|-------------|----------|-----------|
| CA | 7+ | 316 | 389 | KVYE | El Centro | 33-03-06 | 114-49-41 |
| HI | 66z | 95.5 | 632 | KPZO | Kaneohe | 21-19-49 | 157-45-24 |
| ID | 55- | 27 | | K55HM | Twin Falls | 42-43-45 | 114-24-55 |
| KY | 67- | 11 | 169 | WACM | Morehead | 38-10-38 | 83-24-24 |
| OH | 35* | 100 | 305 | WLWT-DT | Cincinnati | 39-07-27 | 84-31-18 |
| WA | 33n | 1.7 | | K33EJ | Walla Walla | 45-59-04 | 118-10-08 |
| WI | 26* | 171 | 455 | WKOW-DT | Madison | 43-03-21 | 89-32-06 |

TECHNICAL CHANGES ON THE AIR

| St | Ch | Call | City | What Happened |
|----|------|---------|-------------|---|
| CA | 44z | K44DT | Simi Valley | Minor power decrease; major tower height increase; move about 40km east and change city from Santa Paula. |
| CO | 69n | K69CD | Holyoke | Major power & minor tower height increases; move a few meters north. |
| NC | 35- | WARZ-LP | Smithfield | Minor power & moderate tower height increases. |
| NY | 18+ | WETM-TV | Elmira | Major power increase. |
| OK | 43z | KELF-LP | Grove | Major power & minor tower height increases. |
| OK | 62+ | KOPX | Okla. City | Major power & moderate tower height increases; move about 2km south-southwest; change from zero offset. |
| OR | 55n | K55CM | Gold Beach | move a few meters northeast, moderate tower height increase. |
| VA | *15z | WHRO-TV | Hampton | Minor power increase. |
| WI | 14- | WPXG | Suring | Major power & minor tower height increases; move about 25km southeast. |

NEW-STATION APPLICATIONS DISMISSED/DENIED/ETC.

| St | City | Channel | St | City | Channel |
|----|-----------|------------|----|-----------|------------|
| MD | Baltimore | 30 | MS | Houston | 45, 4 apps |
| TX | Midland | 18, 8 apps | VA | Dale City | 30 |
| VA | Manassas | 30 | | | |

CHANGES DISMISSED/DENIED/ETC.

| St | City | Call | St | City | Call |
|----|-------------|---------------|----|----------|-------|
| TN | Jackson | W46CG | TX | Amarillo | K67GW |
| TX | Brownsville | K17EK (to 28) | | | |

STATIONS DELETED/DISMISSED/ETC.

| St | City | Call | St | City | Call |
|----|-------------|--------------|----|---------------|--------------|
| FL | Ft. Myers | W59CY | GA | Augusta | W46CQ |
| MN | Erhard | K33EN, K65GG | NC | Midway | W41BS, W52BY |
| SC | Columbia | W67DP | SC | Honea Path | W45BP |
| SC | Summerville | W48BV | TN | Memphis | W14CF [59] |
| TX | Beaumont | K21DT | CA | Arroyo Grande | K08MD |

CALL CHANGES

| Was: | Now | City | Was: | Now | City |
|--------------|---------|-----------------|--------------|------|------------------|
| K07WS | KJLF-LP | San Antonio, TX | NEW [24] | KBGC | Pullman, WA |
| K33BY | KJOI-LP | Bakersfield, CA | NEW [18] | KBGF | Farwell, TX |
| K52CQ | WLFT-LP | Baton Rouge, LA | NEW [3] | KBGF | Douglas, AZ |
| K60ES | KCSO-LP | Sacramento, CA | NEW [23] | WBDF | Waterville, ME |
| KBDF [23] | KPWB-TV | Ames, IA | NEW [21] | WPXO | Minden, LA |
| KBEU [34] | KGFX | Spokane, WA | NEW [30] | KBGB | Odessa, TX |
| W08BV | WINJ | Columbus, OH | KBSP [22] | KPXG | Salem, OR |
| KMPH-LP [58] | KBFX-LP | Bakersfield, CA | WFBI [50] | WPXX | Memphis, TN |
| KTLC [43] | KPSG | Oklahoma City | WHTV-LP [19] | WJHJ | Williamsburg, VA |
| WPNS-LP [8] | WRBD | Pensacola, FL | KBGB [30] | KPKX | Odessa, TX |
| WYHS [69] | WAMI-TV | Hollywood, FL | W65DI | WCNT | Chattanooga, TN |
| W47BA | WDGA-LP | Dalton, GA | W27BQ | WTNB | Cleveland, TN |
| K28DK | KJLR-LP | Little Rock, AR | K13UW | KZJR | Little Rock, AR |

The following stations have dropped the -TV suffix:

KDFW [4] KTBC [7] WAGA [5] WGHP [8] WITI [6] WJBK [2] WJW [8]

PROGRAMMING CHANGES

| Call | Location | Programming |
|-------------|------------|---------------|
| "KATH" [?] | Juneau, AK | NBC. |
| KSCT-LP [5] | Sitka, AK | NBC & WB. |
| K52EG | Yuma, AZ | sold to 3ABN. |

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PROGRAMMING CHANGES

| Call | Location | Programming |
|--------------|-----------------|-----------------------------------|
| K16EI | Yuma, AZ | also sold to 3ABN. |
| KJOI-LP [33] | Bakersfield, CA | to VCC shopping. |
| KVHF-LP [4] | Fresno, CA | "HTV" Hispanic videos. |
| K28EZ | Fresno, CA | "KJKZ-TV" (still VCC). |
| KQJA-LP [68] | Fresno, CA | from VCC to PSN. |
| W30BF | Bangor, ME | sold by Maine PBS. |
| KBBJ [9] | Havre, MT | co-owned with KTVH [12], NBC. |
| KBAO [13] | Lewistown, MT | co-owned with KTVH [12], NBC. |
| KYUS [3] | Miles City, MT | now a satellite of KULR [8], NBC. |
| WLYJ [46] | Clarksburg, WV | sold, to no longer be religious? |

OTHER STUFF

K19DD Scottsdale, Arizona has requested experimental permission to operate as a DTV station. KSCI [18] San Bernardino, California has applied to change its city of license to Long Beach. No change in transmitter location has been requested. WYOW [34] Eagle River, Wisconsin has been sold to Shockley Communications. It was already relaying Shockley's WAOW [9] Wausau.

NBC's Web site lists a KATH Juneau as an affiliate. It doesn't say what channel the station operates on, and there is no KATH or KATH-LP.

As I feared, the LPTV Displacement Applications got out of hand in a real hurry. I had five pages full with a week left before column deadline, and the FCC has been releasing a couple of dozen more every day. Printing all of them would probably result in a VUD containing LPTV displacements and nothing else! I will make an attempt to keep a current list on my Web page at personal.bna.bellsouth.net/~w9wi - no promises though!

A WKOW-TV engineer reported on the Internet that the digital transmitter on channel 26 was first tested on June 25. He indicated the test ended with the carrier being cut on and off to send the station's callsign in Morse Code - do not expect this to be a regular feature of DTV broadcasts!

Randy Miltier corrects me on the programming source for the new KBDM [20] Yreka, CA. KIXE [9]'s ownership is not common with the new station, and KIXE personnel don't know anything about it. My guess is it'll be a religious station. Randy also believes KOTI [2]'s power increase is now on the air. They hold a CP to go from 35.5 to 85.1KW from the same site.

Thanks to Chip Kelley for the Alaska and KYUS programming info, and for directing me to the Cocola Broadcasting Web page (cocolatv.com, no "www" needed) for the California programming info.

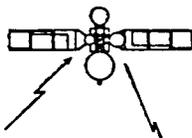
Dave Nieman (our convention host!) Sent an item from the Buffalo News about WNGS [67] Springville, one of the last of the "ma and pa" TV stations. Yes, the call letters stand for Wings - quoting co-owner Bill Smith, "Buffalo wings are just huge at Penn State. We spent many an evening having wings for dinner." Smith met his co-owner and wife Caroline Powley at the Pennsylvania engineering college. Powley's father John operated WOPC [23] Altoona (now WATM) for many years. Tower chasing during family vacations wasn't very enjoyable for Ms. Powley as a child - but it led to a vocation, and eventually the application for channel 67. Now that the station has a UPN affiliation and carriage on TCI cable in Buffalo, financing has been received to increase power to 5000KW and increase the tower height. (the FCC has already approved the application)

I received a clipping on DTV from the July 9 Atlanta Journal-Constitution, but the sender forgot to write their name on the clipping or envelope, so I don't know who to credit! We're out of space anyway; I'll use this one next month. Hope everyone enjoys the convention, and the Es that's been leading up to it..

73 Doug

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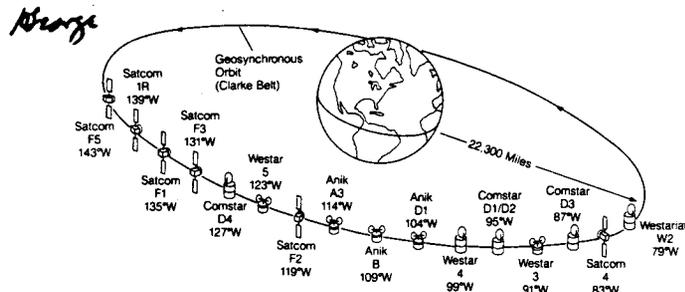
SATELLITE NEWS



GEORGE W. JENSEN
4604 ANNTANA AVE
BALTIMORE MD 21206-4220

This month- a review of Audio-Sub-Carriers which I have neglected for several years.
First - though - new on the video/digital side:
NEW SATELLITE:- Intelsat 8?? at app. 40 West - 4DTV receiver gives it an I2 designation with 32 C Band transponders. - Here's what's on - all with grade A+ signals -
ATC - Buenos Aires, Argentina in PAL color with Radio Nacional de Buenos Aires sub-carrier digital:
750 -
751 -
752 - Senal Colombia - type of public/educational channel
753 - Teleantioquia - medellin?
754 - Tele Caribe - Barranquilla/Cartegena?
755 - Telepacifico - Cali
756 - audio only from Canal Uno - Bogota?
757 - open
Anik E2 - Ku digital
434 - WSBK - Boston, Massachusetts
Satcom 3
24 - Military Channel
Telstar 5 - all digital feeds gone except 584 - C-Span 1
Telstar 402 - 3 - Exxxplore in now Rogue in VC2
NOW to the new sub-carrier listings
Satcom C1
2 - Radio America/People's Radio Network
3 - Colorado Rockies Talking Book service
6 - Bonneville International Latter Day Saints Radio/World Web News Network
10 - KHCB - 105.7 FM - Houston, Texas
14 - Orbit 7 Radio Network
21 - Cable Radio Network
Satcom C4 -
8 - United Video Background Music
10 - In-Touch Reading Service/Business News Network/WUSF - 89.7FM Tamoa, Florida
24 - AM 650 - WSM - Nashville, Tennessee
Galaxy 1 -
11 - WEWN - Birmingham, Alabama - EWTN's Short Wave services
17 - Amerinet/Mix 106 FM - Charlotte, North Carolina
24 - Yesterday U.S.A.
Satcom C3-
7 - World Radio Network/BBC World Service
13 - Classical Music - NO ID
Galaxy 5
2 - KLON - 88.1FM - Jazz FM - Long Beach, California/Cable Radio Network/Music Channel - no ID
6 - Brother Stairs Radio/World Radio Network
7 - WFMT- 98.7 FM - Chicago, Illinois/Yesterday U.S.A
11 - WYNS AM 670 - Hampton Roads, Virginia
17 - CNN Radio News en Espanol
21 - Super Audio Music Channels

Morelos 2
8 - XEWA - San Luis Potosi/Monterrey 540 kHz
14 - XEW - 900 - Mexico City, Mexico
Anik E2 - C-Band
1 - CBF-FM 100.7 - Montreal, Quebec/CBM-AM 940 - Montreal
5 - WOKI 100.3 FM "The Eagle" - Knoxville/Oak Ridge, Tenn
GE Americom GE1 -
4 - Radio Tropical - French
12 - Wisdom Radio/West Virginia Public Radio
16 - a Hindi/Punjabi radio Service
22 - Deutsches Welle Radio feeds and Short Wave radio feeds
Ku-Band -
22 - no sign of KAZN, but a station with a totally unidentifiable language and NO english ID's
Spacenet 4
14 - WQXR 96.3 FM - New York, New York/Antenna Radio Greek
16 - WCBS 101.1 FM New York, New York
19 - American Freedom Network (KHNC 1360 Johnston Col with KTMG 1370 Deer Trail, Colorado)/Truth Radio Network
Galaxy 6:-
6 - KBVA - 106.5 FM - Belle Vista, Srkansas/WCRP - 88.1 FM Guayama, Puerto Rico/Ozarkana Big Band Radio/IAM - relegious
15 - WHME - 103.1 - South Bend, Indiana/World Harvest radio International Short Wave Radio Feeds
Telstar 5 -
Radio Desjardins feeds on one of the porn channels
Galaxy 3 -
9 - Beautiful Music - No ID
Galaxy 7 -
10 - Radio Maria - Italian from Rome/Radio Maria - Polish from Warsaw/Radio Dubai - 1314 - Dubai, U A E
14 - RAI - Italian Radio Network from Rome, Italy/Republic Radio International
19 - WCBS - 880 AM - New York, New York
GE Americom - GE3 -
3 - WROL - 950 - Boston, Massachusetts
15 - Ambassador Radio
6 - WCCO - Minneapolis/St. Paul, Minnesota (830)
9 - Talk America 1 and 2
GE Americom GE2
22 - Aram Radio Network of America - WWTL - 700 kHz - Walkersville, Maryland - serves the Washington D.C. area
Intelsat 27.5 West - 14 - Jazz FM 102.2 - London, England
That's all for this month - see you in 30





SOUTH OF THE BORDER

(U. S. and Canadian DXers aren't likely to think of Mexico when naming early television pioneers or technical accomplishments. As a result, we have missed some very interesting developments. The following information, found in the website of Mexico's equivalent of the National Association of Broadcasters, was translated by Doug Smith and edited by Tom Bryant. It gives us a glimpse of Mexico's role in TV development... a role that is often overlooked.)

The first attempts at television in Mexico were demonstrated in 1934 by a 17 year old student at the National Polytechnic Institute who had undertaken experiments with a closed-circuit television system in a small laboratory located at radio station XEFO.

For several years that student, Guillermo Gonzalez Camarena, who later became an internationally recognized engineer, worked with his original equipment; and in 1939 he impacted the world by inventing the Trichromatic Sequential System for COLOR TELEVISION. Camarena obtained patents for his invention both in Mexico and in the United States on August 19, 1940.

The first over-the-air black and white transmission in Mexico took place on August 19, 1946. It originated from the

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bathroom of 74 Havre St. in the capitol; the home of engineer Gonzales Camarena. The success was such that, on September 7 of that year at 8:30pm, XEIGC, the first experimental television station in Latin America was inaugurated. This station transmitted a program of artists and interviews on Saturdays for two years. In September of 1948, daily broadcasts began. Thousands of people saw the broadcasts thanks to receiving apparatus installed in various commercial centers.

For all this work, we recognize the engineer Gonzalez Camarena as the Father of Mexican Television.

The first commercial TV station in Mexico, and Latin America, was inaugurated on August 31, 1950. On September 1, it began its first scheduled programs with a lecture of "TV Informe de Gobierno del Presidente de Mexico", Lic. Miguel Aleman Valdes, over the O'Farrill family's station XHDF-TV channel 4. In this year, XETV channel 6 in Tijuana, Baja California and XEQ-TV channel 9 (at the time signing XHTM on channel 10) in Altlzomoni, Mexico State, also began broadcasting.

XEW-TV channel 2, property of the Azcarraga family, began in 1951 from Delta Park in Mexico City. This same year, XHGC channel 5, belonging to Guillermo Gonzalez Camarena, also appeared on the television dial. Another 1951 milestone was the transmission of anatomy lectures from the National School of Medicine. Later stations included XEIPN channel 11 (1959) of the National Polytechnic Institute, XHTIM channel 8 (1968) of the Monterrey Group (today XEQ-TV channel 9 of the Televisa consortium), and XHDF channel 13 (1968).

It was in 1968 that our country entered the era of satellite communications, to transmit to the world the diverse events of the 19th Olympic Games "Mexico 68". 17 years later, in 1985, we placed in orbit the first two national communications satellites, Morelos I and II. In 1992 and 1993, we orbited two more satellites, Solidarity I and II. These satellites, using the most advanced technologies of radio and television transmission, have the capacity to offer telecommunications to all of Mexico's territory and to 23 countries of the American continent.

SOUTHERN FM DX



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

August 1998

John Zondio
4009 Driftwood Circle
Yukon, OK 73399
E-mail: jzondio@aol.com
Deadline: 12th

Check out my website, FM DX Web!
It's at <http://members.aol.com/fmdxweb>

Pat Dyer - WA5IYX
5315 Silvertip Drive
San Antonio, TX 78228-2744
<http://home.swebell.net/pdyer/index.html>
pdyer3@juno.com CDT

Realistic TM-1001 tuner (two IF mod w/150 kHz filters) into Allied 426. 52 ohm step-attenuator box used to reduce local intermod/overload when needed. 6 element Archer antenna at 20' with rotor.

| | | | | |
|---------|-----------|-------|----|--|
| 6/3 Es | 0855 KXRA | 92.3 | MN | Alexandria, "KX-92" 1150 |
| | 0923 KJYE | 92.3 | CO | Grand Junction, "K-Joy," local ads 880 |
| | 0925 KEZJ | 95.7 | ID | Twin Falls, ID 1269 |
| | 0927 KKMV | 92.5 | ID | Rupert, area ads 1220 |
| | 0939 KPKY | 94.9 | ID | Pocatello, local ad 1206 |
| | 0940 KZBQ | 93.7 | ID | Pocatello, ID 1205 |
| | 0959 KTAG | 97.9 | WY | Cody, ID 1189 |
| | 1012 KTKA | 93.9 | WY | Riverton, local ad 1058 |
| | 1013 KLZY | 92.5 | WY | Powell, area ad 1189 |
| 6/3 Tr | 0931 KTCY | 104.9 | TX | Pilot Point, "Praise" 277 |
| | 0934 KRNB | 105.7 | TX | Decatur, area phone # 299 |
| 6/4 Es | 1854 WOZZ | 93.5 | WI | New London, ID 1178 |
| | 1902 KORB | 93.5 | IA | Bettendorf, "The Planet," area ad 959 |
| | 1910 WTTS | 92.3 | IN | Bloomington, ID 986 |
| | 1911 KKPR | 98.9 | NE | Keamey, o, 800 phone # 784 |
| | 1915 WVGR | 104.1 | MI | Grand Rapids, local psa 1167 |
| | 1920 WCLR | 95.7 | OH | Piqua, "Ohio Oldies" 1097 |
| | 1922 WCOE | 96.7 | IN | LaPorte, county ad 1070 |
| | 1922 WLQI | 97.7 | IN | Rensselaer, ID 1022 |
| | 1925 WYCA | 92.3 | IN | Hammond, rel 1044 |
| | 1929 WLHT | 95.7 | MI | Grand Rapids, "W-Lite" 1178 |
| | 1932 WJPD | 92.3 | MI | Ishpeming, ID 1321 |
| | 1936 WQLH | 98.5 | WI | Green Bay, ID 1195 |
| | 1946 WMEV | 93.9 | VA | Marion, "FM 94 Super Country" 1110 |
| | 1956 WBWI | 92.5 | WI | West Bend, "Pure Country" 1120 |
| | 1958 WKLH | 96.5 | WI | Milwaukee, local ad 1112 |
| | 1958 KQWC | 95.7 | IA | Webster City, state ID 937 |
| | 1959 KRXL | 94.5 | MO | Kirksville, "The X," classic r 822 |
| | 2000 WACD | 106.1 | WI | Antigo, ID 1197 |
| | 2003 KSOU | 93.9 | IA | Sioux City, state ID, r 949 |
| | 2024 WEBX | 93.5 | IL | Tuscola, "The Web" 928 |
| | 2025 WKIO | 92.5 | IL | Urbana, "Oldies 92" 940 |
| | 2030 WUSW | 96.9 | WI | Oshkosh, "US-96" 1152 |
| | 2036 WIL | 92.3 | MO | St. Louis, ID, k 779 |
| | 2041 WKLQ | 94.5 | MI | Holland, "KLQ" 1160 |
| | 2041 WLAV | 96.9 | MI | Grand Rapids, "LAV" 1168 |
| | 2042 WGRD | 97.9 | MI | Grand Rapids, area ad 1168 |
| | 2043 WKFR | 103.3 | MI | Battle Creek, local ad 1156 |
| | 2046 WLWJ | 97.7 | IL | Petersburg, EAS msg 885 |
| | 2048 WAIR | 92.5 | MI | Atlanta, ID 1325 |
| | 2054 WZTR | 95.7 | WI | Milwaukee, area ad 1111 |
| | 2104 WXLK | 92.3 | VA | Roanoke, "K-92" 1188 |
| | 2105 WPVR | 94.9 | VA | Roanoke, "Arrow" 1188 |
| 6/12 Tr | 2333 WKSJ | 94.9 | AL | Mobile, ID 659 |
| 6/13 Tr | 0000 WCKW | 92.3 | LA | LaPlace, ID 473 |
| | 0001 WKNN | 99.1 | MS | Pascagoula, area ad 595 |
| | 0006 WYCL | 107.3 | FL | Pensacola, "Cool 107" 674 |
| | 0007 KXKC | 99.1 | LA | New Iberia, ID 412 |
| | 0007 KTDY | 99.9 | LA | Lafayette, ID 412 |
| | 0028 WDGL | 98.1 | LA | Baton Rouge, area ad 446 |
| | 0108 KYKS | 105.1 | TX | Lufkin, "Kicks 105" 269 |
| 6/14 Tr | 0013 WWRM | 94.9 | FL | Tampa, "Warm" 997 |
| | 0029 WJDX | 96.3 | MS | Jackson, "Mix 96.3" 522 |
| | 0031 WKSJ | 94.9 | AL | Mobile, ID 659 |
| | 0034 KTUX | 98.9 | TX | Carthage, "99-X" 388 |
| | 0050 WTYX | 94.7 | MS | Jackson, ID, "Arrow 94" 529 |
| | 0109 WDGL | 98.1 | LA | Baton Rouge, "Eagle" 446 |
| | 0113 KCTG | 107.3 | TX | Ingleside, ID, "Oldies 107" 139 |
| | 0251 WYCL | 107.3 | FL | Pensacola, "Cool 107" 674 |
| | 0259 WTIK | 94.3 | LA | Galliano, ID 527 |
| | 0337 WKZB | 93.5 | AL | Butler, ID 628 |
| | 0359 WCKW | 92.3 | LA | LaPlace, ID 473 |
| | 0912 WLWI | 92.3 | AL | Montgomery, ID 762 |
| 6/14 Es | 1000 WYFQ | 93.5 | NC | Wadesboro, ID 1134 |
| | 1011 WKKT | 96.9 | NC | Statesville, "Cat Country" 1117 |
| | 1029 WIKQ | 94.9 | TN | Greeneville, local ad 1029 |
| | 1336 WKHY | 93.5 | IN | Lafayette, "KHY" 1000 |
| | 1530 WMXL | 94.5 | KY | Lexington, "Lexington Mix" 1007 |
| | 1533 WWSW | 94.5 | PA | Pittsburgh, "3WS" 1294 |
| | 1538 WAXZ | 97.7 | OH | Georgetown, area ads 1184 |
| | 1540 WQMF | 95.7 | IN | Jeffersonville, "QMF" 940 |
| | 1540 WCMJ | 96.7 | OH | Cambridge, regional ad 1205 |
| | 1543 WNCI | 97.9 | OH | Columbus, ID 1142 |
| | 1546 WKIO | 92.5 | IL | Urbana, "Oldies 92," area ads 940 |
| | 1554 WCOL | 92.3 | OH | Columbus, ID 1141 |
| | 1558 WYCA | 92.3 | IN | Hammond, area ad 1044 |
| | 1600 WEMM | 107.9 | WV | Huntington, ID 1122 |
| | 1617 WNEB | 94.5 | NY | Buffalo, cx 1427 |
| | 1623 WXBG | 96.9 | TN | Bristol, ID 1067 |
| | 1626 WCLR | 95.7 | OH | Piqua, area wx 1097 |
| | 1627 CHRE | 105.7 | ON | St. Catharines, "Lite 105.7" 1427 |
| | 1629 CFMX | 103.1 | ON | Coburg, cx, area ad 1509 |
| | 1641 WHTT | 104.1 | NY | Buffalo, area ad 1431 |
| | 1644 WKLR | 94.5 | MI | Holland, "KLQ" 1160 |
| | 1645 WBWI | 92.5 | WI | West Bend, "Pure Country," ID 1120 |
| | 1646 WNIJ | 96.9 | IL | Zion, xc 1080 |
| | 1648 WVKC | 92.5 | OH | Toledo, "Kiss FM" 1183 |
| | 1654 WBCM | 93.5 | MI | Boyer City, "TCM" 1325 |

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Southern FM DX

Dyer continued

1700 WBDK 96.7 WI Algoma, ID, area ads 1210
1701 WSJY 107.3 WI Fort Atkinson, area ad 1061
1713 WOOD 105.7 MI Grand Rapids, "EZ 105.7" 1167

1715 WOLX 94.9 WI Baraboo, area ad 1084
1715 WCLX 93.9 MI Mio, regional ID 1310
1716 WBCT 93.7 MI Grand Rapids, "B-93," regional ad 1163

1749 WTBX 93.9 MN Hibbing, ID 1273
1910 WAJI 95.1 IN Fort Wayne, "Majic" 1101
1913 WCRC 95.7 IL Effingham, ID 877
1918 WJLB 97.9 MI Detroit, ID 1241
1919 WAZY 96.5 IN Lafayette, ID 994
1920 WMMC 105.9 IL Marshall, "Magic 106," local ad 919

1924 WKEE 97.9 IL Effingham, "The X," local ad 875

1929 WVIC 94.9 MI East Lansing, area ad 1198
1930 WAHV 103.9 MI Owosso, area ID 1236
1952 CIMX 88.9 ON Windsor, ID 1235

6/15 Tr
0300 KSMB 94.5 LA Lafayette, ID 387
0303 WKSJ 94.9 AL Mobile, ID 659

6/16 Tr
2336 KZMZ 96.9 LA Lafayette, ID 388
2359 WADU 94.9 LA Reserve, ID 480

6/17 Tr
0001 WCKW 92.3 LA LaPlace, ID 473
0008 KSMB 94.5 LA Lafayette, ID 387
0052 WKSJ 94.9 AL Mobile, ID 659

6/17 Es
1424 KKQW 96.9 KS Pittsburg, area and local ads 584

6/20 Tr
2352 WDGL 98.1 LA Baton Rouge, "Eagle" 446

6/21 Tr
0029 WTIK 94.3 LA Galliano, ID 527
0059 WADU 94.9 LA Reserve, ID 480
0156 WCKW 92.3 LA LaPlace, ID 473

Considering how good April/May Es was it was a disappointing June here. Some trans-Gulf tropo into the summer is a little rare, but that often made it difficult to find the fainter Es! 73, Pat - WA5IYX

 **Doug Smith**

1385 Old Clarksville Pike - Pleasant View,
TN 37146-8098

w9wi@bellsouth.net CDT

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

6/2 Tr
1039 KOOL 106.5 TX Jacksonville, Tyler promo 556

6/13 Tr
0900 KWND 88.3 MO Springfield, "The Wind FM," legal ID 334

0900 unID 95.1 ?? ??, "Oldies 95.1," WXLT?

0930 KJEZ 95.5 MO Poplar Bluff, area request, "Classics 95.5," over 20 mile local WSM 183
0935 KWXD 103.5 MO Asbury, "103.5 KWXD," ID 425

August 1998

0935 KLTO 96.5 MO Sparta, "96.5 The Max," Ozark talk 346

6/13 Es
1351 KXPK 96.5 CO Evergreen, Denver ad 1012
1351 KBCO 97.3 CO Boulder 1016
1412 KLZX 106.9 UT Brigham City, (#1) 1399
1417 KUWZ 90.5 WY Rock Springs, tornado warning 1242

1417 KUWR 91.9 WY Laramie, // to 90.5 1042
1417 unID 91.9 ?? ??, (#2)
1425 KID 96.1 ID Idaho Falls, "K96," local ad 1418
1425 KLCE 97.3 ID Blackfoot, "Classy 97 KLCE" 1433

6/14 Es
1152 XETI 94.1 NL Monterrey, "La Caliente, La 94.1"

2025 KTEQ 90.5 TX Wichita Falls, legal ID 669

6/19 Tr
2330 WYMG 100.5 IL Jacksonville, calls 273

6/27 Es
1333 KBNL 89.9 TX Laredo, "Radio Maniental" & stn address 936
1333 XEQY 89.7 DF Mexico City, "Morena FM," member of Nucleo R. Mil 1380

1348 unID 95.3 ?? ??, Grupo Acir station w/pre-game for World Cup
1357 XHAHC 90.9 CH Chihuahua, legal ID, "Super Estelar" 1226

1408 XHPS 93.3 VC Veracruz, local slogan 1308
Other unIDable Mexicans on 90.1, 93.5, 93.1, 93.9, 94.1, and 99.5

6/28 Es
1119 CKGN 89.7 ON Kapuskasing, calls in FF 930
1119 CBON24t 90.7 ON Kapuskasing, mono talk in FF
1119 CINNT 91.1 ON Hearst, ethnic mx and announcements in FF

#1 - "K-Rock Rocks the Wasatch on 103.1"
#2 - Brief mention of Utah in news before KUWR faded up. Suspect KPCW, the only 91.9 in Utah

 **Fred Laun - K3ZO**
5801 Huntland Rd.
Temple Hills, MD
20748
aalaun@ibm.net
EDT

Denon TU-800 Tuner, Winegard antenna @ 35'

6/1 Es
2035 KWYR 93.7 SD Winner, ID 1230
2042 KKRZ 93.5 OK Altus, local ads 1284
2043 KFXI 92.1 OK Marlow, ID 1200
2053 KANS 92.9 KS Osage City, "Kansas Radio" 1032

2054 KICM 93.7 OK Healdton, ID 1179
2057 KNIN 92.9 TX Wichita Falls, ID 1246
2100 KSPI 93.7 OK Stillwater, ID 1135

6/24 Es
1200 KCCU 90.3 OK Lawton, ID 1214
1205 KNIN 92.9 TX Wichita Falls, "NIN" 1246
1206 KICM 93.7 OK Healdton, ID 1179
1209 KFXI 92.1 OK Marlow, ID 1200
1222 KKRZ 93.5 OK Altus, ID 1284

6/28 Es
1014 KOLL 94.9 AR Redfield, "Cool 95" 899
1018 WTCD 96.9 MS Indianola, ads for MS delta 831
1029 KITT 93.7 LA Shreveport, "Cat Country" 1041

Southern FM DX

 **Eric Bueneman**

NOUIH - 631 Coachway Lane - Hazelwood, MO
63042-1347 - (314) 839-9751 (prepaid only) -
NOUIHERIC@aol.com, EricB631@juno.com -
http://members.aol.com/nouiheric/k-index.html
CDT

Realistic STA-90, Archer VU-110 antenna with Archerotor at 33' AGL. Miles/kilometers.

6/19 Tr
2217 WHOP 98.7 KY Hopkinsville, local rx, calls 205/330

2220 WWTN 99.7 TN Manchester, "Super Talk 99-7 WTN," t 320/515

2224 WFGE 103.7 KY Murray, "Froggy 103," k (x-WBLN) 190/306

2241 WCBF 102.1 KY Clinton, "The Fox," local ad, classic r 160/258

2303 WQUL 97.7 IL West Frankfort, "The Bear," classic r 100/161

2305 WGIC 98.5 TN Cookeville, "Magic 98.5," soft AC, o/KTJJ 325/523

2316 WDXR 94.3 IL Golconda, o, calls 160/258

2327 WBKR 92.5 KY Owensboro, local ads, calls, wx k 190/306

2352 WHRZ 97.7 KY Providence, Madisonville ads, wx, calls, k 175/282

2355 WGGC 95.1 KY Glasgow, "Country 95," calls, k 175/282

6/20 Tr
0000 WQXQ 101.9 KY Central City, "Q-102," hot AC 200/322

0004 WBLG 107.1 KY Smiths Grove, "The Gator, G107," AC 225/362

0023 WHHT 103.7 KY Cave City, "Mix 103," hot AC 230/370

0057 WSOY 102.9 IL Decatur, "Y-103," legal ID, hot AC, no KEZS 110/177

0110 WDKS 106.1 IN Newburgh, "The New Kiss 106.1," hot AC 170/274

0113 WDNL 102.1 IL Danville, calls, hot AC 175/282

0116 WCVS 96.7 IL Virden, "Classic Hits 96," wx, promo 70/113

0122 WNIN 88.3 IN Evansville, c, slight ACI from KDHX 165/266

0632 WILL 90.9 IL Urbana, calls, c 155/249

0633 WLRW 94.5 IL Champaign, "Mix 94.5," ads, wx, hot AC 150/241

0640 WHMS 97.5 IL Champaign, "Light Rock 97.5," soft AC 150/241

0648 Columbia MO 91.3, 96.7, 101.5 \$ 105/169

1953 KGMO 100.7 MO Cape Girardeau, "Classic Rock 100-dot-7" 115/185

1955 WBGL 91.7 IL Champaign, CCM, ACI from KSIV 150/241

2322 WBNO 101.5 IL Bloomington, calls, ads, promos, Backtrax USA 135/217

2328 WXKO 100.9 IL Pana, "KO Country 101," k, promos 80/128

2330 WPBG 93.3 IL Peoria, o, = to KNSX 140/225

2337 WFMB 104.5 IL Springfield, calls, k, obliterating KSLQ 80/128

August 1998

Many stations in the 80-160 mile range were coming in like locals during this period. Logged WGIC 98.5 (x-WHUB) and WFGE 103.7 for call letter changes. Noted Bowling Green KY stations on FM and TV, as well as WQXQ 101.9 (last heard in '86 as WKYA). Also noted format changes on WQUL 97.7 (look for a call change on this one shortly) and WCVS 96.7.

6/24 Tr
0027 WOOZ 99.9 IL Harrisburg, "New Country Z-100," ads, hot k, over KFAV 130/209

0038 WGIX 105.9 TN Memphis, "Kix 106," hot k, ACI from KPNT 105.7 250/402

0040 WRAJ 96.5 IL Anna, dance CHR, sever ACI from KIHT 96.3 110/177

0058 WMC 99.7 TN Memphis, "FM 100," hot AC, slight ACI from KFAV 99.9 250/402

0150 KLUH 90.3 MO Poplar Bluff, "Victory 90.3," Southern g, o/KGNN 145/233

0214 KCGQ 99.3 MO Gordonville, "Rock 99.3," AOR, slight ACI from KFUD 99.1 110/177

0217 WGCN 89.3 KY Paducah, calls, CCM, o/WIPA 155/249

0230 KWFC 89.1 MO Springfield, underwriting anncmt CCM 190/306

0238 KIYS 101.9 AR Jonesboro, "101.9 Kiss FM," CHR, mixing w/WQQL 200/322

0243 KWTO 98.7 MO Springfield, "Rock 99," classic r, mixing w/WNNS 190/306

0315 KLRQ 96.1 MO Clinton, "Q96," o, slight ACI from KIHT 96.3 185/298

0317 KTXR 101.3 MO Springfield, "The Gentle Giant," still EZL/AC, ACI from WVRV 101.1 190/306

0321 KCVO 91.7 MO Camdenon, calls, CCM, ACI from KSIV 91.5 140/225

0340 KLSC 93.9 MO Fayette, "Mix 93.9," local ads, hot AC, ACI from KSD 93.7 125/201

0344 KBMX 101.9 MO Eldon, EZL, mixing w/KIYS & WQQL 130/209

0348 KFMZ 98.3 MO Columbia, "98-3 The Buzz," modern r, slight ACI from KYKY 98.1 105/169

0355 KAMS 95.1 AR Mammoth Springs, wx, mention of West Plains MO, k, o/WVDZQ 170/274

0400 KGNN 90.3 MO Cuba, legal ID/KGNN 89.9, light CCM 70/113

0403 KICK 97.9 MO Palmyra, legal ID, k, slight ACI from KYKY 98.1 90/145

0408 WTRI 94.9 IL Mount Carmel, "Tri 95," slight ACI from KSHE 94.7, classic hits 145/233

0434 WLLR 103.7 IA Davenport, x-101.3, k, in/out w/WDBR/KJEL 190/306

0455 WZNX 106.7 IL Sullivan, "106.7 The Fox," AOR 115/185

0458 WXET 107.9 IL Arcola, "107-9 The X," hot AC, legal ID, slight ACI from KSLZ 107.7 130/209

0506 WIKK 103.5 IL Newton, "Hits 103.5," hot AC, slight ACI from KLOU 103.3 135/217

Another format change has been noted here, as KLSC 93.9 has dropped its classic rock format for hot AC. Expect a call change on this soon (if not already). Memphis was noted for the first time this season, as WGKX 105.9 was noted, even with KPNT blasting away on 105.7. WMC 99.7 has been more regular around here, even with KFAV 99.9

Southern FM DX

Bueneman continued
on. Another Poplar Bluff station was noted in KLUH 90.3. In past years I had used KJEZ 95.5 as a barometer on conditions into the Poplar Bluff area, but with WFUN parked there, the barometer station became KOKS 89.5 (even with local KCFV on). Also added another Paducah station with WCGF 89.3, a new Arkansas stations with KAMS 95.1, and also continued to clean up on the stations adjacent to my locals with the new additions being WTRI 94.9, WIKK 103.5 and WXET 107.9. The most difficult local to even receive stations adjacent to is WALC 104.1 (figures, their transmitter is 6 miles N of me).

6/29 Es

1705 XHAAA 93.1 TM Reynosa, local ads in SS 990/1593

6/29 Tr

1710 KAMS 95.1 AR Mammoth Spring, local announcements 175/282

6/30 Tr

0240 WXLT 95.1 IL Carterville, "Big Dog 95.1," classic r, change from soft AC 100/161

0255 WNKK 92.1 IL Carthage, "Wink FM, Oldies 92.1," local ads, wx, o, ACI from WIL 125/201

0259 WXAN 103.9 IL Ava, local ads, legal ID, USA news, ACI from WALC 104.1 100/161

0347 KCMO 94.9 MO Kansas City, "Oldies 95," o, light ACI from KSHE 94.7 225/362

0350 KLTE 107.9 MO Kirksville, "K-Lite," Christian talk //KSIV 91.5 155/249

0353 KOZN 102.1 MO Kansas City, "102.1 The Zone," local ads, modern AC, \$ 225/362

0358 KXTR 96.5 MO Kansas City, c, legal ID, light ACI from KHT 96.3 225/362

0409 KKFI 90.1 MO Kansas City, ID in t pgm, obliterating WTSG 225/362

An Es opening (however brief) was noted on June 29, seeing KIII-3 and hearing XHAA 93.1. However, tropo into southern MO and northeastern AR masked the MUF. I had worked Es into the same area on 50 Mhz on June 27, as well as the Rocky Mountain states, and the Es continued into the morning of June 28, when I worked Vermont on the same band at 1AM. Later, I would finally hear WXAN 103.9 (finally, something via tropo with WALC 104.1 on!), and also another new station on 107.9 with KLTE carrying the Bott Radio Network // KSIV 91.5. Turning the antenna to the west, Kansas City was all over the dial, except for KYYS 99.7 (KTTR was dominant on 99.7, even with KFAV 99.9 on). KOZN 102.1 came in like a local on 102.1. I have decided in favor of a Radio Shack VU-210XR for my new antenna, with the current VU-110 being relegated to local TV duty. I hope to take delivery by the time you read this. 73, Eric (NOUIH)

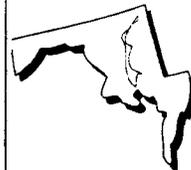


Dennis Park Smith
3703 Dixon St.
Santa Barbara, CA
93105-2419
(805) 687-7803 PST

Besides a few new California FM loggings noted from Santa Barbara and Wasco of a more or less routine nature, there was also this one, observed on the car radio (moving and parked) on the morning of June 27, between approximately 2000 and 0720. It had characteristics of Es, on

August 1998

89.5, with typical rough fading up and down, good strength, over and under fair Tr signal of KPBS 89.5 San Diego (KPBS is about 185 miles). Programming of this possible Es signal was upbeat r mx in SS, with \$ pilot (KPBS signal was mono). I wasn't around a TV to note if Es was present. I am wondering if there are other TV-FM Es reports then, to be sure if this really was a skip opening. Best of DX to all, Dennis



Gus Mancuso
5615 Inwood St.
Cheverly, MD 20785-1120
(301) 773-3072
EDT

This report is from Bartow, FL, where I reported from in 1986-88 and 1990. Best results ever, "good" humidity and one late night directional opening. Many new stations, new translators and frequency changes helped. All listed are new.

6/25 Tr

2330 WDXD 103.3 FL Holly Hill
2331 WHFX 103.3 GA Waycross (freq vacated by WDUV's move to 103.5)

2334 WDUV 103.5 FL Bradenon
2336 WEAZ 88.3 FL Union Park, new stn
2340 WWRZ 98.3 FL Arcadia, new stn

2345 WWOJ 99.1 FL Avon Park, x-106.3
2348 WZZS 106.9 FL Zolfo Springs, new stn
2350 WXGJ 105.5 FL St. Petersburg, spot opened when WKZM Sarasota moved to 104.3

2359 W244BE 96.7 FL Brandon, WJIS btr

6/26 Tr

0634 WCVU 104.9 FL Solana, x-105.3
0635 WMLO 104.9 FL Havana
0700 WSMR 89.1 FL Sarasota

0715 WKRO 93.1 FL Edgewater, new stn
0720 WMMO 98.9 FL Orlando
0724 WYMR 105.7 FL Sebring, x-105.5

0725 WWRZ 98.3 FL Arcadia, new stn
0725 WHKR 102.7 FL Rockledge, new stn
1220 WGYL 93.7 FL Vero Beach, x-93.5

1411 WLLV 96.7 FL Holmes Beach, new stn
1450 WQNU 105.5 FL Naples
1610 WLVU 97.1 FL Holiday, x-106.3

1859 WKZM 104.3 FL Sarasota, x-105.5
1900 WJST 106.3 FL Fort Myers Villas, previously blocked by 3 stns which changed frequency

1901 W242AK 96.3 FL Lakeland, WJIS btr
1940 WZZT 89.5 FL ??, WEAZ btr
1947 WZMQT 106.3 FL Key Largo, SS, not sure on this one, ID'd very fast, mentioned simulcast with 3 other stns, one of which was AM

1952 WSRZ 106.5 FL Sarasota, x-106.3
1954 WGUL 96.1 FL New Port Richey, x-105.5
2000 WBBE 94.7 FL Gifford
2030 W291AG 106.1 FL Highland City, WJIS btr

2100 WLAZ 88.7 FL Clermont, SS

6/27 Tr

0010 WSKY 97.3 FL Micanopy, null on adj WPCV, all medical format
0642 WQOL 103.7 FL Vero Beach, "Rock 104"

Southern FM DX

Mancuso continued

0700 WKAT 105.1 FL Panama City, "Kat Country," null on Orlando
0715 WWDO 99.7 FL Vero Beach, null on adj St. Petersburg, x-101.7
0720 WSTS 100.9 NC Fairmont, best catch of the trip!
0730 unID 104.1 ?? ??, "The Way," or "Wave," probably WYAV SC considering above 100.9

6/28 Tr

0001 WQLC 102.1 FL Watertown
0054 KCIL 107.5 LA Houma
0056 WSRX 89.5 FL Naples, "Praise FM"
0102 WPCS 89.5 FL Pensacola
2125 WDWG 104.1 AL Atmore

6/29 Tr

0041 WAVH 106.5 AL Bay Minette, null on Sarasota
0100 WPCF 100.1 FL Panama City
0121 WJUS 96.5 FL Fort Walton Beach, null on Orlando

0129 WILN 105.9 FL Panama City, "Island 106," null on DeLand
0130 WSEB 91.3 FL Englewood
0200 WJBX 99.3 FL Fort Myers
0210 WMAH 90.3 MS Biloxi, Haines City local off
0211 WXAH 105.7 AL Ocean Beach, null on Sebring, "Sunny 105.7"

0315 WMTU 93.5 FL Port St. Joe, null on adj Tampa, classic r
0320 WKSYY? 106.1 LA ??, sounded like "WKSYY Monroe-New Orleans" but they are hundreds of miles apart! 1995 Atlas shows KMMY Monroe on 106.1.

0325 WNFB 94.3 FL Lake City, "Mix 94.3"

Above opening surprising considering humidity drop.

6/30 Tr

0853 WNDD 95.5 FL Silver Springs
0900 WGNE 98.1 FL Titusville

Great reception, hope to move into FL state stats with next trip.

McIntosh MR-78, Channel Master Stereo Probe 9 at 30'

4/23 Gw
1830 WYAM 105.7 AL Addison, \$, new to the air
5/1 Es
1345 unID 93.1 ?? ??, Mexico

5/15 Tr

1709 WZZL 106.7 KY Reidland, rp, ID 210
1725 WNRZ 91.5 TN Dickson, dual ID w/WNAZ 89.1 121

1739 WMJL 102.7 KY Marion, k 215
1745 KPBB 101.3 AR Pine Bluff, ID 321
1759 KASU 91.9 AR Jonesboro, ID 259
1812 WFGE 103.7 KY Murray, "Froggy 103" 180
1945 KHTX 107.1 AR Marion, s 221

5/16 Tr
0358 WKQQ 100.1 KY Winchester, op, ID 268
0411 WBZX 99.7 OH Columbus, "The Blitz" 418
0421 WKQV 96.7 OH Wellston, local ad 382

1353 KBTE 102.3 TX Rockport, s, "The Beat" 774
1407 WEEZ 99.3 MS Heidelberg, "Gospel 99" 236
1420 KWYX 102.7 TX Jasper, k, ID 508
1424 KN0E 101.9 LA Monroe 357
1530 unID 91.1 ?? ??, McAllen ref, SS, L, \$
1855 KIXB 103.3 AR El Dorado, "Kix Country," local ads 371

1900 KTXN 98.7 TX Victoria, SS, ID 739
1906 KCXY 95.3 AR Camden, area ads, "Y-95" 374
1926 KBXX 97.9 TX Houston, s, "97-9 The Beat"

5/22 Tr

0415 unID 105.3 ?? ??, "Nashville 95," btr?
1325 KPLX 99.5 TX Fort Worth 641
1346 KSYG 103.7 AR Little Rock, "Talk 103.7" 333

5/15 Tr

1709 WZZL 106.7 KY Reidland, rp, ID 210
1725 WNRZ 91.5 TN Dickson, dual ID w/WNAZ 89.1 121

1739 WMJL 102.7 KY Marion, k 215
1745 KPBB 101.3 AR Pine Bluff, ID 321
1759 KASU 91.9 AR Jonesboro, ID 259
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5/16 Tr

0358 WKQQ 100.1 KY Winchester, op, ID 268
0411 WBZX 99.7 OH Columbus, "The Blitz" 418
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August 1998

5/17 Gw
1630 W287AD 105.7 AL Hartselle, WEUP xtr
5/18 Tr
1244 WAMJ 107.5 GA Roswell, r&b, "Magic 107.5" 71

5/18 Es

1821 XHAAA 93.1 TM Reynosa 918
1824 KUNM 89.9 NM Albuquerque 1150
1821 KWBI 91.1 CO Morrison 1080
1830 KALQ 93.5 CO Alamosa 1107
1836 KYOG 98.5 CO Denver 1086
1843 XHEC 91.9 CL Sabinas, city ref 985
1846 XHDL0 88.9 TM Nuevo Laredo 916
1850 KROM 92.9 TX San Antonio, "\$ Latino"
1856 KBNL 88.9 TX Laredo, "R. Manantial" 915
1904 XHNOE 91.3 TM Nuevo Laredo
1922 KACC 89.7 TX Austin, op, ID, \$ 628
1925 KZFM 95.5 TX Corpus Christi, "Hot Z-95" 800
1934 KUWRW 91.9 WY Laramie, nx, wx 1146

5/21 Tr

0434 KSBJ 89.3 TX Humble, g, ID, local WLRH Huntsville off 605
0434 KHFI 96.7 TX Georgetown, r, ID 710
0436 WFMM 97.3 MS Flora, Art Bell 268
0439 KJFK 98.9 TX Lampassas, Art Bell 727
0440 KNON 89.3 TX Dallas, ID 610
0455 KQID 93.1 LA Alexandria, "Q93" 416
0500 KBHT 93.5 TX Crockett, r, ID 571
0500 KQXX 98.5 TX McAllen, SS, ID 911
0507 KKPS 99.5 TX Brownsville, "Que Pasa" 892
0508 KBFM 104.1 TX Edinburg, "B-104" 903
0512 KBTZ 107.5 TX Lake Jackson, "The Buzz" 653
0516 KIWVV 96.1 TX Harlingen, "Tejano 96"
0534 KKITL 97.1 TX Cleveland, "97 Talk," Houston ref, mono 858

0542 XHMZI 91.1 CL Melchor Muzquiz
0544 XHAA 93.1 TM Reynosa, "\$ Tam" 918
0549 KHRT 95.3 TM Reynosa
1312 unID 90.7 ?? ??, "Red River Radio," c (KLSA Alexandria LA-jz)

1315 WTIK 94.3 LA Galliano, ro, ID 380
1319 KRBE 104.1 TX Houston 619
1329 WCKW 92.3 LA Laplace, "Rock 92.3" 390
1335 XHVCH 107.1 TM Matamoros, "Super Estelar" 892

1353 KBTE 102.3 TX Rockport, s, "The Beat" 774
1407 WEEZ 99.3 MS Heidelberg, "Gospel 99" 236
1420 KWYX 102.7 TX Jasper, k, ID 508
1424 KN0E 101.9 LA Monroe 357
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1900 KTXN 98.7 TX Victoria, SS, ID 739
1906 KCXY 95.3 AR Camden, area ads, "Y-95" 374
1926 KBXX 97.9 TX Houston, s, "97-9 The Beat"

5/22 Tr
0415 unID 105.3 ?? ??, "Nashville 95," btr?
1325 KPLX 99.5 TX Fort Worth 641
1346 KSYG 103.7 AR Little Rock, "Talk 103.7" 333

1315 WTIK 94.3 LA Galliano, ro, ID 380
1319 KRBE 104.1 TX Houston 619
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1926 KBXX 97.9 TX Houston, s, "97-9 The Beat"

5/22 Tr
0415 unID 105.3 ?? ??, "Nashville 95," btr?
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1926 KBXX 97.9 TX Houston, s, "97-9 The Beat"

5/22 Tr
0415 unID 105.3 ?? ??, "Nashville 95," btr?
1325 KPLX 99.5 TX Fort Worth 641
1346 KSYG 103.7 AR Little Rock, "Talk 103.7" 333

TALK103.7
THE SIGNAL

1349 KOOL 94.9 AR Maumelle 340
1350 KKDA 104.5 TX Dallas, "K104" 610
1408 KQXX 98.5 TX McAllen 911
1408 KIWVV 96.1 TX Harlingen, SS 887

5/23 Tr
0414 KUT 90.5 TX Austin, c, ID 725
0416 KEOM 88.5 TX Mesquite, ID 599
0422 KDXT 106.7 TX Granbury, "Estereo Latino" 672
0430 KYNG 105.3 TX Dallas 610

Southern FM DX

Pugh continued

| | | |
|-----------|----------|--|
| 0433 KOOL | 106.5 TX | Jacksonville 543 |
| 0435 KYUL | 105.5 TX | Harker Heights, "Cool 105.5" 696 |
| 0441 KVRW | 97.7 TX | Rusk, o, "CD-97 FM" 540 |
| 0444 KHFI | 96.7 TX | Georgetown 710 |
| 0452 KNUK | 101.5 TX | Tyler 535 |
| 0500 KITT | 93.7 LA | Shreveport, "Cat Country" 446 |
| 0504 KXEE | 106.9 AR | Dumas, k, ID 294 |
| 0508 KRVL | 94.3 TX | Kerrville, ID 806 |
| 0521 KHBM | 93.5 AR | Monticello, ID 314 |
| 0535 KZPS | 92.5 TX | Dallas 610 |
| 0540 KLJT | 102.3 TX | Jacksonville, "KLJT, New Light," g, mono 543 |
| 0545 KSMG | 105.3 TX | Seguin, "Magic 105.3" 874 |
| 0550 unID | 104.3 ?? | ??, Georgetown ref, o, o/local WZYP Athens |

5/24 Tr

| | | |
|------------|----------|------------------------------|
| 0429 XHMZI | 91.1 CL | Muzquiz |
| 0432 KJFK | 98.9 TX | Lampassas 727 |
| 0437 KEYI | 103.5 TX | Austin 725 |
| 0448 KTUX | 98.9 TX | Carthage, "99X" 487 |
| 0448 KISS | 99.5 TX | San Antonio, "99-5 KISS" 792 |
| 0451 KXKZ | 107.5 LA | Ruston, "Kicks 107.5" 385 |
| 2054 WKES | 91.1 FL | Lakeland, g, ID 519 |

5/25 Tr

| | | |
|-----------|----------|----------------------------|
| 0323 WBVM | 90.5 FM | Tampa, g 511 |
| 0325 WMPX | 103.5 FL | Callaway, "Magic 93.7" 244 |
| 0341 WNFB | 94.3 FL | Lake City 371 |
| 0349 WDRK | 107.9 FL | Panama City, ID 305 |
| 0404 WTMG | 101.3 FL | Williston, ID 425 |

5/28 Es

| | | |
|------------|----------|--|
| 1548 XHXL | 91.7 NL | Monterrey, ads (Monterrey FMs to 107.7) 1033 |
| 1549 XHRP | 94.7 CL | Saltillo 1077 |
| 1555 XHAAA | 93.1 TM | Reynosa 918 |
| 1558 XHOX | 95.3 TM | Tampico, "Estereo Vida" 1099 |
| 1559 KGBT | 98.5 TX | McAllen, SS, ID 911 |
| 1602 XHVCH | 107.1 TM | Matamoros 892 |
| 1603 X--- | 92.3 TM | Rio Bravo, "Radio Tamaulipas" 915 |

| | | |
|-----------|---------|---|
| 1610 KRYS | 99.1 TX | Corpus Christi, o/local WAHR Huntsville 800 |
| 1614 KLUX | 89.5 TX | Robstown, ID 813 |
| 1614 KULT | 92.3 TX | Victoria, "92.3 K-Light," city ref 739 |

| | | |
|-----------|---------|---|
| 1624 KVRT | 90.7 TX | Victoria, "90.3 & 90.7, south Texas public radio," phone # 800-307-KEDT |
| 1628 KYKR | 95.1 TX | Beaumont, ID 545 |
| 1633 KTFX | 97.5 TX | Kingsville, k, ID 834 |
| 1638 KAJA | 97.3 TX | San Antonio, "KJ97" |
| 1639 KRNH | 95.1 TX | Comfort, k, ID, o/local WNDA Huntsville 791 |

| | | |
|-----------|----------|---------------------------------------|
| 1640 KNCN | 101.3 TX | Sinton, "C101" 653 |
| 1640 KTFM | 102.7 TX | San Antonio |
| 1644 KTDR | 96.3 TX | Del Rio 922 |
| 1646 KKBA | 92.7 TX | Kingsville, r, ads |
| 1649 KXTN | 107.5 TX | San Antonio |
| 1654 KLID | 101.7 TX | Temple, Waco ad 679 |
| 1658 KUT | 90.7 TX | Austin 725 |
| 1704 KFST | 94.3 TX | Fort Stockton, nx 991 |
| 1707 KSTV | 93.1 TX | Dublin, ads, ID |
| 1711 KPXT | 96.3 TX | Pecos 1014 |
| 1715 KCRS | 103.3 TX | Midland 923 |
| 1719 KTZA | 92.9 NM | Artesia, "KZ93" 1041 |
| 1928 KAHO | 93.5 TX | Junction, //co-owned KMBL AM 1450 828 |

| | | |
|-----------|----------|-------------------------------|
| 1929 KAFF | 92.9 AZ | Flagstaff, "92 KAFF" 1432 |
| 1930 KMGH | 93.9 AZ | Flagstaff, op, ID |
| 1932 KQST | 102.9 AZ | Sedona, ID 1441 |
| 1935 KZEP | 104.5 TX | San Angelo, "K-ZEP" |
| 22 KVMX | 96.7 AZ | Williams, "Cool Oldies 96.7," |

August 1998

| | | |
|-----------|----------|------------------------------|
| 1942 KTEG | 107.9 NM | Albuquerque, "The Edge" 1150 |
| 1950 KWYK | 94.9 NM | Aztec 1222 |
| 1955 KIOT | 102.5 NM | Los Lunas 1156 |
| 1956 KSFR | 90.7 NM | Santa Fe 1130 |
| 2008 KFQX | 102.7 TX | Merkel 797 |
| 2021 KODM | 97.9 TX | Odessa 942 |
| 2025 KNFM | 92.3 TX | Midland |
| 2030 KZYA | 92.1 AZ | Holbrook, "Z92" 1350 |
| 2123 KOYE | 94.9 TX | Laredo, "Y95" 915 |
| 2129 KSHI | 93.1 TX | El Paso 1178 |

6/1 Es

| | | |
|-----------|---------|---|
| 1412 KEZO | 92.3 NE | Omaha, "Z92" 698 |
| 1421 KKYA | 93.1 SD | Yankton, k, ID 827 |
| 1423 KP5D | 97.1 SD | Faith 1102 |
| 1426 KLND | 89.5 SD | Little Eagle, local ref, EE and Indian language |

| | | |
|-----------|----------|---|
| 1427 KLXS | 95.3 SD | Pierre 1008 |
| 1448 KYVA | 92.9 ND | Bismarck 1134 |
| 1642 WBRN | 100.9 MI | Big Rapids, ID 635 |
| 1645 WMRK | 100.9 MI | Pinconning, local ads, "Magic 101 & 104.5," o 657 |

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|-----------|----------|--|
| 1648 WMLA | 104.5 MI | Saginaw, ads, "Magic," // 100.9 WMJK 628 |
|-----------|----------|--|

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|-----------|----------|--|
| 1630 WTLZ | 107.1 MI | Saginaw, ads, "Jam FM" |
| 1652 unID | 106.3 ?? | ??, "Sunny 106.3" |
| 1653 WKLA | 106.3 MI | Ludington, ID 651 |
| 1656 WSUE | 101.3 MI | Sault Ste. Marie 834 |
| 1657 WKZC | 94.9 MI | Scotsville, ID 651 |
| 1659 WHML | 95.7 MI | Marquette, g, ID 832 |
| 1708 WGLQ | 97.1 MI | Escanaba 776 |
| 1712 CBOQ | 103.3 ON | Ottawa, city ref 941 |
| 1718 WHIC | 97.9 MI | Newberry, ads, "Hot New Country, 97.9" 818 |

| | | |
|-----------|---------|-----------------------------------|
| 1723 WCYI | 93.9 ME | Lewiston, ID 1089 |
| 1727 WCLZ | 98.9 ME | Brunswick, ID 1093 |
| 1729 WSKQ | 97.9 NY | New York, SS 801 |
| 1736 WGRC | 91.3 PA | Lewisburg, "WGRC Christian Radio" |

| | | |
|-----------|---------|-------------------------------|
| 1737 WTHK | 93.5 NY | Hudson, "Thunder Country" 867 |
|-----------|---------|-------------------------------|

| | | |
|-----------|----------|--|
| 1740 WFCC | 107.5 NY | Chatham, c 1021 |
| 1742 unID | 99.7 ?? | ??, "Zed FM," FF, \$ |
| 1745 WQBJ | 103.5 NY | Cobleskill, area ads, "The Edge 103-5 & 103-9" 855 |

| | | |
|-----------|----------|---------------------------|
| 1750 WBSQ | 102.5 NY | Bridgehampton, r, ads 888 |
| 1752 WBLM | 102.9 ME | Portland 1069 |
| 1754 WCTK | 98.1 MA | New Bedford 974 |
| 1755 WWBB | 101.5 RI | Providence, "B101" |
| 1758 WIZN | 106.7 VT | Vergennes, ID 968 |

| | | |
|-------------|---------|----------------------------------|
| 1800 WSMU | 91.1 MA | North Dartmouth, ID |
| 1802 WBSU | 89.1 NY | Brockport, ID 753 |
| 1818 WDRQ | 93.1 MI | Detroit, "93-1 DRQ" 569 |
| 1825 CKBW | 93.1 NS | Shelburne, k 1297 |
| 1825 CKBW-1 | 94.5 NS | Liverpool, k 1332 |
| 1835 WHYI | 96.3 MI | Detroit, "Planet 96" |
| 1848 CHAY | 93.1 ON | Barrie, m, ID 771 |
| 1900 CKGN | 89.7 ON | Kapuskasing, p, \$, ID 1048 |
| 1952 WJBL | 93.1 WI | Ladysmith, DI 797 |
| 1953 unID | 96.7 ?? | ??, Dells WI mention, "Hot Rock" |

| | | |
|-----------|---------|---------------------|
| 1954 WYTE | 96.7 WI | Whiting, k, ID 708 |
| 1958 KTCO | 98.9 MN | Duluth, ads 898 |
| 2000 KTIS | 96.5 MN | Minneapolis, ID 808 |
| 2000 WTBX | 93.9 MN | Hibbing, "Mix" 953 |

| | | |
|-----------|----------|-----------------------------|
| 6/13 Es | 97.9 WY | Cheyenne, ID 1104 |
| 1351 KING | 101.9 WY | Burns, "Moose Country" 1082 |
| 1354 KMUS | | |

6/14 Es

| | | |
|-----------|----------|---------------------------|
| 1744 CFQR | 92.5 PQ | Montreal, ads, "Q92" 1018 |
| 1759 CBM | 93.5 PQ | Montreal, "CBC Radio 2" |
| 1801 WAVX | 106.9 ME | Thomaston, wx 1133 |
| 1810 WKOL | 102.3 NH | Concord, nx 993 |

Southern FM DX

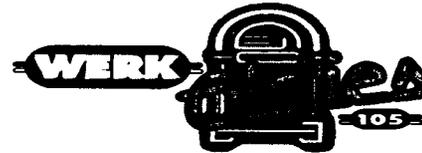
Pugh continued

| | | |
|-----------|----------|------------------------------------|
| 1812 WHRL | 103.1 NY | Albany, ID 884 |
| 1812 WCMC | 103.3 ME | Rockland 1137 |
| 1815 WRVE | 99.5 NY | Schenectady, ID 884 |
| 1825 WTKW | 99.5 NY | Bridgeport, op, "TK99 & TK105" 818 |

| | | |
|-----------|---------|---------------------------------|
| 1825 WQSE | 91.1 NY | Corning, ID w/co-owned WSKG 730 |
|-----------|---------|---------------------------------|

| | | |
|-----------|----------|--|
| 1832 WOKO | 98.9 VT | Burlington, ID 983 |
| 1834 WOLE | 96.7 NY | Oswego, //WOLF AM 957 |
| 1839 WTKV | 105.5 NY | Oswego, //99.5 "TK99 & TK105" |
| 1845 unID | 104.5 ?? | ??, "Variety 104.5," Seaway valley ref |

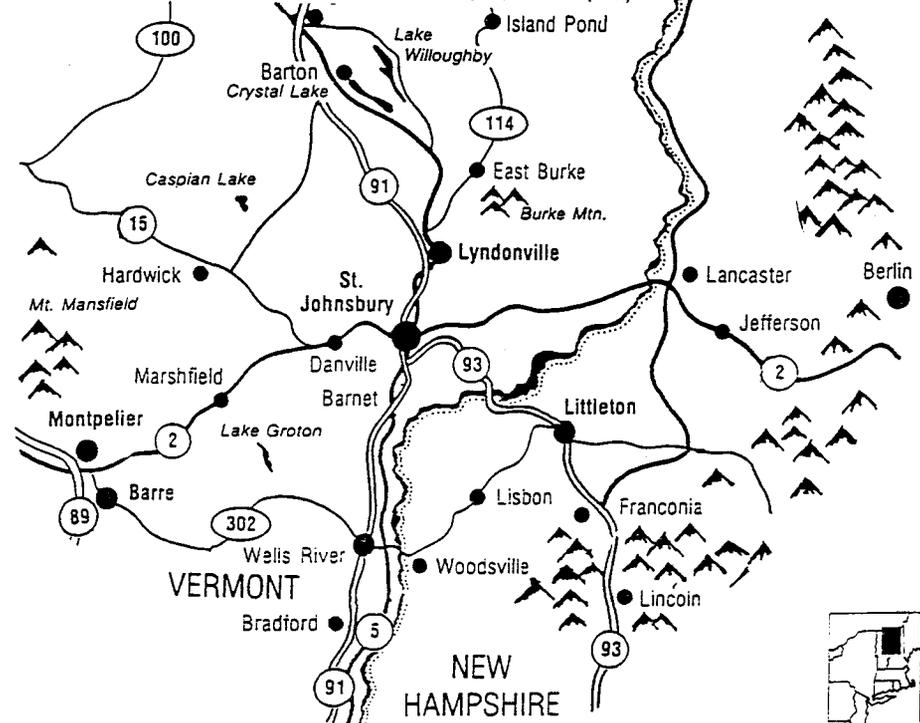
| | | |
|-----------|---------|----------------|
| 1853 WSNV | 92.1 PA | Lock Haven 668 |
|-----------|---------|----------------|



V 105.5 WNKV FM

THE VOICE OF THE NORTH COUNTRY

P.O. Box 249 • St. Johnsbury, VT 05819 • (802) 748-2345 • (802) 748-2361 (FAX)



From the Editor



Way to go, y'all! Looks like you've been getting some DX despite the poor conditions. So far it looks like a toss-up with last year and 1996 for the worst we've seen in a while. Hopefully tropes this month and September will make up for it.

Remember- the Perseids meteor shower is this month from the 9th thru the 14th. It's usually the best shower of the year, and may well make your local news it's so big... at least it does here.

Thanks for your support of SFM, and keep those reports coming!

August 1998

EASTERN TV DX

August, 1998

Russell Miller
 HC 61, Box 86B
 N. Amity, ME 04471-9622
 email address - estvdx@ainop.com

LOCAL TIME UNLESS OTHERWISE NOTED

Skip has been excellent with more double hop for Bob Seybold, Roy Barstow and myself.

Bob Seybold, 1865 W. Main Rd., Silver Crest, NY

Here's my report for the month of June, 1998. It has been a great month for E-skip here. I have been able to watch dials frequently this month and have seen a lot of E-skip. Some high band tropo but not much UHF seen as UHF amp has been broke all month and not yet replaced. That will be taken care of soon. E-skip was seen on 20 of 29 days with at least 5 major openings. June 1, 12, 25, 27 were great with 2 occasions of double hop, one opening on 27th going as high as Channel 8. On 27th in evening, there was E-skip from Louisiana to Dakota at some time. Some openings were so massive that ID's were nearly impossible as there was scramble for stations to be dominant. Now report:

June, 1998

June 1 - mid morning to evening with a few breaks. Florida on 2-6; Georgia low band; Mississippi - WLBT 3 and others; Alabama; Louisiana, Arkansas, Texas (very heavy east, central, south) Oklahoma 2, 3, 4, 5, 6; Kansas 2, 3, 4, 5, 6; Nebraska; Dakota's, brief Wyoming 4 Colorado; FM loaded;
 June 3 & 4 - short openings. 1700-2300 - Texas, Louisiana, Arkansas, Oklahoma mostly channels 2, 3, 4, brief 5 & 6;
 June 5 - 11 - not much in period - spotty E-skip channels 2 & 3;
 June 12 - excellent opening starting at 0700 or earlier, all channels 2-6 - several deep listed nearly all day with brief breaks. Florida to Texas (very heavy Texas & Louisiana, also Oklahoma, Kansas, Missouri & Nebraska - heavy into channel 6, FM good;
 June 13 - another good opening heavy into Dakotas & Canadian border; Colorado & Wyoming all channels 2-6; Texas - especially Bryon, Houston, Dallas area;
 June 14 - good again - Florida, Georgia especially good channel 2-6, some Gulf Coast into eastern Texas;
 June 15 - Dakotas, Nebraska, Kansas - evening
 June 16 - big opening - spreading around and moving from Florida to Dakotas - mid-day, into evening heavy into channel 6 and FM.
 June 17-24 - some E-skip on all days but no massive openings in this period - most occurred 1000-1200 and after 1800.
 June 25 - terrific opening, especially 1000-1300 and

again after 1700 - Florida, Georgia & Gulf Coast -

Texas even into west Texas; Oklahoma, Kansas, Nebraska, Missouri ending in Dakota. Channels 2-6
 June 26 - some E-skip - busy that day
 June 27 - best of month - day long opening - reaching channel 8 - (Dallas) also double hop into Idaho and Montana channels 3 & 4; at one time Louisiana & Dakotas in at same time - locals 2 & 4 completely wiped out; at one time saw channel 2 Buffalo wiped out on cable; signals very strong, ID's difficult - channels many deep - FM super.
 June 28-29 - some skip especially after 1600 - Kansas, Nebraska, Oklahoma, northern Texas, Dakotas, Tropo up at times during month - nothing super 400 miles limit.
 73's Bob

Roy Barstow, P. O. Box 2488, Teaticket, MA 02536

Equipment: CM1110-VHF-25' A.G., CM Titan II amp. 875 Hardline. 2-Set. CH-5-6
 Ants. Vert. 15' on shed - spaced 13' apart, w/rotor.
 2-CH-2-3 10 El. ants. on house 20' high. .750
 Hardline, 7' Dish, RDX Labs amp. .750 Hardline, 30' A.G.

May, 1998

| | | | |
|-------|-----------|----------------|-------|
| 26 Es | 1700-1740 | RCTV 2 Ven | 2,275 |
| | | Radio Caracass | |
| | 1715-1740 | RCTV 3 Ven | 2,275 |
| | | Radio Caracass | |
| 27 Tr | 0700 | WHRO 15 VA | 450 |
| | | WTVZ 33 VA | 450 |
| | 2100 | WXLV 45 NC | 685 |
| | | UP for 15 min. | |
| 30 Tr | 2000 | WFXX 8 NC | 580 |
| | | WYDO 14 NC | 562 |
| | 2030 | W35BH 35 VA | 400 |
| | | WUNJ 39 NC | 660 |

June, 1998

| | | | |
|-------|------|-----------|------|
| 01 Es | 1950 | WDAF 4 MO | 1270 |
| | 2000 | KCTV 5 MO | 1269 |
| | | KIMT 3 IA | 1035 |
| | 2015 | WCBI 4 MS | 1132 |
| | 2030 | KUSD 2 SD | 1385 |
| | 2045 | KGAN 2 IA | 1091 |
| | 2100 | KSDK 5 MO | 1060 |
| | | KDLT 5 SD | 1361 |
| 11 Es | 1300 | CBIT 2 NS | 587 |

- Off. Local Furniture Ad

| | | | |
|-------|------|--|------|
| 14 Ms | 0223 | KMTV 3 NE | 1311 |
| | | Flash Flood Warning R/S | |
| | 0315 | KMTV 3 NE | 1311 |
| | | America's Store Call/Logo U/R | |
| | 0501 | WSIL 3 IL | 1007 |
| 15 Es | 1735 | KETS 2 AR | 1268 |
| | 1743 | KYTV 3 MO | 1226 |
| | 1755 | WREG 3 TN | 1127 |
| | 1810 | KARK 4 AR | 1272 |
| | 1820 | WEAR 3 FL | 1209 |
| | 1830 | WTVF 5 TN | 941 |
| | 1835 | KFSM 5 AR | 1344 |
| | 1900 | WPSD 6 KY | 1024 |
| | | Only on verticles | |
| | 1905 | WMC 5 TN | 1130 |
| | 2000 | WWAY 3 NC | 660 |
| | 2015 | WUND 2 NC | 500 |
| | | WCBD 2 SC | 777 |
| | 2020 | KTBS 3 LA | 1416 |
| 19 Es | 1100 | C- 2 CBC English | |
| | | On tape - off back of ant. SW | |
| | | Children program - a square with a C inside - plus a star on top of C!! (Canada ratings .RM) | |
| 28 Es | 2200 | WAGA 5 GA | 921 |
| | 2230 | KCTV 5 MO | 1269 |
| | 2300 | KJRH 2 OK | 1396 |
| | 0000 | WBAY 2 WI | 898 |
| 29 Es | 0030 | WDTN 2 OH | 726 |
| | 0148 | KDLH 3 MN | 1120 |

Many thanks to Russ Miller for the phone call tip of 2 Es to Ven. The period from May 15 to June 15 has been weird and exciting. During this period I have logged my longest VHF Tr, most distant low power TV, longest Es and also shortest Es. The 2 Vert. Ants. for Es help a lot. Some stations are in on them and not on the CM1110. It seems when there is thunderstorms in the Caribbean Sea, that is when to try to 2 Es to Ven. This could even happen in the north sea for 2 or 3 Es to Europe.

Harry J. Hayes, 9 Henry St., Wilkes-Barre, PA 18702 (EDT)

Equipment: VHF: ch 2 and 5 switchable Quad loop, Radio shack amp UHF: 6ft. screened dish w/RDX Labs UA901 amp in attic and Zenith Sentry II, 1991 model

May, 1998

| | | | |
|-------|------|-----------|---------|
| 31 Es | 1955 | WEDU 3 FL | Tampa |
| | 2101 | WREG 3 TN | Memphis |

June, 1998

| | | | |
|-------|------------|----------------------------------|-------------|
| 01 Es | 1800-2015+ | Intense skip 2-6 (Too busy w/FM) | |
| 13 Es | 2313 | KPRC 2 TX | Houston |
| 15 Es | 1915 | KARK 4 AR | Little Rock |
| 28 Es | 1025 | WWL 4 LA | New Orleans |
| | 1030 | KFSM 5 AR | Ft. Smith |
| | 2230 | KARK 4 AR | Little Rock |
| | 2300 | KQTV 2 MO | St. Joseph |

A very busy work schedule with the home based business precluded me from doing too much Dxing this month. The best openings were on 6/1 and 6/28. No tropo this month to speak of; just too many thunderstorms.

Eric Voytko, 1721 Dalewood Place, McLean, VA 22101 evoytko@erols.com

Equipment: Home: UHF-2/Broadside-stacked RS U120/Winegard PA-4975/RG-11
 VHF-RS V185/RG-11, 1982 Sylvania turret-tuner

Work: UHF-CM 6'chicken wire screened dish/RDX UA900/RG-11
 VHF-CM Quantum 1110/RG-11, Icom R7100 and Sony KV-8 (Approximately 7 air miles between these locations)

May, 1998

| | | | | |
|-------|------|-----------|-------------|------|
| 24 Es | 2026 | WLBT 3 MS | ID | 870 |
| | 2029 | KBTX 3 TX | ID | 1210 |
| 25 Es | 2133 | WLBT 3 MS | Wx map | 870 |
| 31 Es | 1742 | KDLO 3 SD | CMN telethn | 1100 |

June, 1998

| | | | | |
|-------|------|-----------------------|----------|------|
| 01 Es | 1718 | KDLO 3 SD | ID | 1100 |
| | 1813 | KBSD 6 KS | | 1260 |
| | | KWCH-12 news unID | | |
| | | 6 CBS "The News on 6" | | |
| | 1854 | muf 105.5 | | |
| | 1914 | WDAY 6 ND | ID | 1160 |
| 03 Es | 1350 | KSNW 3 KS | KSN news | 1110 |
| | 1400 | KSWK 3 KS | ID | 1300 |
| | 1400 | KSNK 2 KS | ID | 1160 |
| 05 Es | 2100 | KOTA 3 SD | ID | 1390 |
| 08 Es | 1944 | KSNW 3 KS | KSN News | 1110 |
| 21 Es | 0800 | WPBT 2 FL | ID | 910 |
| 22 Es | 1300 | WISC 3 WI | ID/news | 680 |
| | 1300 | KIMT 3 IA | ID/news | 880 |
| 24 Es | 1100 | KYTV 3 MO | ID | 870 |
| | 1130 | KLNE 3 NE | Neb.PTV | 1190 |
| | 1130 | KOET 3 OK | | 1030 |
| | | OETA audio ID | | |
| | 1155 | KFDX 3 TX | ID | 1240 |

Despite limited DX time, so far both tropo and Es seem way down this year. June 1 was the best Es day based on MUF and intensity.

Keith Smith, 24900 Field St. #49, Flat Rock, MI 48134 (734)783-5334
 email: wvgmradioproject@hotmail.com

May, 1998

| | | | |
|-------|------|------------|----------------|
| 30 Tr | 2246 | WICU 12 PA | Erie |
| | | WILX 10 MI | Onondaga |
| | | WJW 8 OH | Cleveland |
| | | WEWS 5 OH | Cleveland |
| | | WUAB 43 OH | Lorain |
| | | WOIO 19 OH | Shaker Heights |

30 WQHS 61 OH Cleveland
 WLNS 6 MI Lansing
 WVIZ 25 OH Cleveland
 CFPL 10 ON London
 (audio mx/WILX video)

June, 1998

21 Tr 2208 WJRT 12 MI Flint
 WILX 10 MI Onondaga
 WKAR 23 MI East Lansing
 2212 WUAB 43 OH Lorain

Jim Ayers, 2497 Wind Forest Court, Norcross, GA 30071

jimayers@raider.net

Equipment: Panasonic 19" TV; CM Quantum 1110 VHF at 30 ft; antennacraft P-7 UHF dish w/Winegard PA-4975 preamp at 38 ft (feedpoint); alliance HD-73 rotor; RG-8 coax; Hi-Q traps for high-band VHF plus UHF (still need low-band VHF model!)

May, 1998

20 Tr 0738 WDNN-LP 43 GA 72
 0741 W26BE 26 TN 108
 23 Tr 0649 WOPX 56 FL 469
 0700 WRBW 65 FL 413
 0707 WPBF 25 FL 521
 0732 WTVY 4 AL 225
 0736 WTCE 21 FL 503
 0742 WBSF 43 FL 434
 0744 WOGX 51 FL 334
 0755 WZVN 26 FL 540
 0800 WLTW 23 FL 598
 0813 WFLA 33 LA 482
 0819 WIIQ 41 AL 237
 0823 KTMD 48 TX 716
 0824 KXLN 45 TX 728
 (Farthest trop to date)
 0827 WAFB 9 LA 477
 0828 WGMB 44 LA 482
 0832 WHLT 22 MS 340
 (over local LPTV)
 0835 KLEY 10 LA 538
 0844 W58BQ 58 MS 450
 0848 WXXV 25 MS 357
 0916 WTVA 9 MS 279
 0924 KRIV 26 TX 727
 0925 WLPB 27 LA 476
 0935 KVVV 57 TX 722
 (ghosting on local WATC)
 0957 WMPV 21 AL 301
 28 Es 1641 KRIS 6 TX 901
 1659 KMOL 4 TX 887
 1722 KACB 3 TX 956
 1730 KDFW 4 TX 743
 1734 unID 6 //Azteca-13
 1751 KFDX 3 TX 823
 1756 KIDY 6 TX 961
 1804 KWAB 4 TX 1004
 1809 KAMR 4 TX 1007
 1813 KLBY 4 KS 1019

28 1821 KOCT 6 NM 1156
 1830 KLNE 3 NE 949
 1836 KTVS 3 CO 1131
 1837 WDAF 4 MO 677
 1901 KAAL 6 MN 824
 1904 WCCO 4 MN 903
 1918 KSNB 4 NE 867
 1925 fade
 2234 KDBC 4 TX 1300
 2300 KIII 3 TX 904
 2308 unID 4 //XHDF
 29 Tr 2214 W55CD 55 TN 107
 (over local LPTV)
 2234 W66BA 66 GA 73
 2300 WYHB-LP 39 TN 107
 (local WSB-DT off)
 2324 WPRGD 50 TN 217
 31 Es 1235 KTVI 4 IA 883
 2018 CFQM 4 PQ 1117
 2058 CKVR 3 ON 759
 2107 unID 4 "X Files" on Global Netw
 2141 KPXY 4 SD 1100
 2226 KDUH 4 NE 1178
 2257 unID: Christine Haas anchoring "The Late News" on "NBC 4"
 2259 unID: Phyllis and Jeff anchor Fox 4 news
 Tr 2302 WCBF 4 MS 268
 June, 1998
 01 Tr 0630 WJTC 44 FL 301
 0643 WEIQ 42 AL 311
 (over local LPTV)
 Es 1829 WRGB 6 NY 818
 1834 CJOH-TV 6 ON 802
 1904 WISC 3 WI 692
 1918 WJMN 3 MI 854
 1936 WTOM 4 MI 809
 1959 CHFD 4 ON 1039
 2134 KDLO 3 SD 1042
 03 Tr 0117 WFTS 28 FL 435
 0543 WFGC 61 FL 549
 0551 WTGL 52 FL 434
 0604 WACX 55 FL 385
 (over local LPTV)
 0632 WXEL 42 FL 559
 (over local LPTV)
 0647 WMFE 24 FL 411
 (tp over local LPTV)
 04 Es 2048 KSWK 3 KS 983
 2100 KENW 3 NM 1117
 2204 KCNC 4 CO 1228
 05 Tr 2209 WLOV 27 MS 279
 10 Tr 1914 WUPN 48 NC 283
 1921 W45BP 45 SC 125
 1934 W52AA 52 GA 65
 2022 WJPM 33 SC 258
 2027 WMMB 21 SC 282
 2035 W32BM 32 GA 81
 2122 WVAN 9 GA 195
 2159 W18BF 18 SC 103
 11 Tr 0728 WSST 55 GA 141
 (over local LPTV)

14 Es 1628 unID 3 //XHDF
 15 Tr 0511 WFLA 8 FL 435
 (local off after storm)
 15 Es 1948 unID 4 Cayman Islands
 address on 555-CASH ad with lady with thick accent
 2000 unID 4 MCTV (net ID?) into "Remembering Canada at War" pgm [Mid Canada TV (RM)]
 16 Tr 0757 WXGA 8 GA 210
 (local off after storm)
 0808 WCTV 6 GA 225
 19 Tr 1901 WCTE 22 TN 167
 (local LPTV off ... storm)
 2050 WJUNU 31 NC 302
 2106 WLFL 22 NC 331
 (local LPTV off ... storm)
 2308 WKOH 31 KY 322
 2316 WKSO 29 KY 226
 2323 WDRB 41 KY 318
 2331 W48BM 48 KY 226
 2333 WEHT 25 IN 330
 2344 WKYT 27 KY 284
 2350 WKNT 40 KY 241
 (over local LPTV)
 20 Tr 0005 WBKO 13 KY 250
 0014 W27BQ 27 TN 96
 0040 WEVV 44 IN 330
 0100 W35BE 35 AL 116
 0116 WNPX 28 TN 163
 0629 W47BA 47 GA 72
 0725 WJEB 59 FL 296
 (over local LPTV)
 1028 W51AB 51 GA 97
 26 Tr 0652 WNTQ 27 FL 358
 0658 WCJB 20 FL 321
 0718 WBCC 68 FL 434
 0720 WTLV 12 FL 297
 30 Tr 2115 W24CB 24 AL 97
 (local LPTV off ... storm)
 Several helpful websites: Doug Smith's, Chip Kelley's, FCC, TV Guide, yellow pages, and the one that computes distance and antenna bearing.
 73, Jim
 Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098
 w9wi@bellsouth.net
 June, 1998
 02 Tr 1021 KEMV 6 AR Mountain View 293
 1030 KTBS 3 LA Shreveport 466
 NOTE #1
 1041 KLTJ 22 TX Galveston 680
 10 Tr 1224 W48BM 48 KY Bowling Green 62
 "WHT"
 W64AV 64 KY Hopkinsville 39
 flea-powered WKMA translator
 strongest ever seen
 13 Tr 0842 W57CG 57 TN Memphis 173
 PSN shopping

WEOA-LP 67 IN Evansville 110
 //WWAZ-19 NOTE #2
 0930 WBUY 40 MS Holly Springs 175
 TBN, rare
 KARD 14 LA W. Monroe 415
 KIPB-LP 65 AR Pine Bluff 316
 "JRMCM" local medical center ad
 13 Es 1334 KREG 3 CO Glenwood Springs 1122
 1357 KRMA 6 CO Denver 1012
 KGWNt 5 WY Cheyenne. CBS
 under local WTVF
 unIDs to channel 4
 14 Es 1026 KIII 3 TX CorpusChristi 861
 ad for KOPY-1070 AM
 1901 KWGN 2 CO Denver 1011
 "Ask the Rockies"
 KMID 2 TX Midland, ID 945
 15 Es 0719 unID 2
 16 Es 0729 unID 2
 17 Tr 0832 WICS 20 IL Springfield 268
 WRSP 55 IL Springfield 268
 WTVP 47 IL Peoria 322
 0843 unID 56 PSN shopping suspect
 Evansville
 19 Tr 0900 WHSL 46 (MO) E. St. Louis, IL 232
 19 Tr 0900 K45CA 45 MO Cape Girardeau ACTS 151
 WICS 20 IL Springfield 268
 1102 KOLR 10 MO Springfield 329
 2311 W38BK 38 IN EvansvilleTBN 106
 K62DA 62 MO Malden 160
 WREG-3
 W56DN 56 IN Evansville 113
 //WTSN-LP 63
 WTSN-LP 63 IN Evansville 113
 WEOA-LP 67 IN Evansville 113
 20 Tr 0000 W57CG 57 TN Memphis PSN 173
 WRSP 55 IL Springfield 268
 unID 65 TBN, suspect
 Elizabethtown, KY
 W53AF 53 MS Booneville TBN
 WYMT 57 KY Hazard 222
 WICS 20 IL Springfield 268
 0024 W28AI 28 IL Salem 183
 3ABN o/WNPX NOTE #3
 21 Es 1100 KMID 2 TX Midland 945
 22 Es 0944 unIDs to ch. 4
 23 Es 0927 unID 2 peaks Canada
 24 Tr 0802 WICS 20 IL Springfield 268
 WRSP 55 IL Springfield 268
 WTVP 47 IL Peoria 322
 WEHSt 60 IL Aurora, HSC 380
 0824 WLFJ 18 IN Lafayette 277
 public-file annc.
 0827 WEIUt 51 IL Charleston, PBS
 0830 WXIN 59 IN Indianapolis.ID246
 25 Es 0949 XEFB 2 NL Monterrey 1075
 26 Tr 0000 KVTJ 48 AR Jonesboro 199
 ID color bars, new to air (thanks Ed Phelps!)
 0736 Cincinnati 9, 12, 64 235
 WKEF 22 OH Dayton 276

| | | | | |
|-------|---|-------|----------------|------|
| 26 | WCVN | 54 KY | Covington | 230 |
| 27 Es | 1335 XEFB | 2 NL | Monterrey | 1075 |
| | 1345 KIII | 3 TX | Corpus Christi | 861 |
| 28 Es | 0745 WFSB | 3 CT | Hartford | 848 |
| | unIDs to ch 6 Northern Ontario in on FM | | | |
| 29 Es | 0842 KGFE | 2 ND | Grand Forks | 982 |
| | "Prairie Public TV" | | | |
| 29 | 0842 CBWFT | 3 MB | Winnipeg | 1060 |
| | SRC logo and French | | | |

NOTE #1: At this time, I saw a promo on WKNO-TV [10], promoting WREG [3] newscasts on WKNO-FM... Guaranteed to confuse both types of Dxr!

NOTE #2: Also, most other LPTVs within 200 miles. Local WPGD [50] was completely gone, totally buried by WFBI at 175 miles. WMC [5] Memphis was briefly over my closest local, WTVF (18 miles); there was heavy CCI on WUXP [30] (same site as WTVF), WBKO [13] at about 70 miles was in color on the UHF antenna (which usually can't even get locals on VHF!), and a 180-mile FM station overrode 20-mile local WSM-FM. Amazing intensity to this opening.

NOTE #3: The most intense enhancement ever noted. W28A1's signal was briefly snow-free. And on the car radio on the way home from work, I heard 100+ mile DX stations on frequencies adjacent to 100KW locals - on 105.7, 200-mile KPNT was heard while driving past the 105.9 tower!

WBUY [40] is running much lower power than the listed 4680KW. It was about the same strength as W57CG...

Russell Miller, HC 61, Box 86B, North Amity, ME 04471-9622

June, 1998

| | | | | |
|-------|-----------------------|-----------------|------|--|
| 12 Es | 2100 WCB | 2 SC | 1111 | |
| | 2113 WJXT | 4 FL | 1311 | |
| 13 Es | 1825 WFM | 2 NC | 920 | |
| | 1837 WCB | 2 SC | 1111 | |
| | "Record Temperatures" | | | |
| | 1902 WYFF | 4 SC | 1080 | |
| | 1910 WBAY | 2 WI | 985 | |
| | 1910 IPT C.K.P.R. | 2 ON TBT 2/5 | 7019 | |
| | 2106 WSBTV | 2 GA | 1213 | |
| | 2234 WKRN | 2 TN | 1194 | |
| 15 Es | 1730 WMAB | 2 MS | 1426 | |
| | 2024 WCB | 2 SC | 1111 | |
| 16 Es | 0848 WESH | 2 FL | 1359 | |
| | 2030 WESH | 2 FL | 1359 | |
| 18 Es | 2214 WBBM | 2 IL | 1022 | |
| | 2326 WFM | 2 NC | 920 | |
| 19 Es | 0826 WCB | 2 SC | 1111 | |
| | 0840 WUND | 2 NC | 816 | |
| 20 Es | 1500 KGAN | 2 IA | 1214 | |
| | 1502 KTCAT | 2 MN PBS minus | | |
| | 1520 KGFE | 2 ND Z PBS | 1384 | |
| | 1602 WKAQ | 2 PR in 4 mins. | 1898 | |
| | 1624 WMAR | 2 MD | | |
| | Comcast 410 area code | | | |
| | 1729 WKAQ | 2 PR in 1 min. | 1898 | |

| | | | |
|-------|------------|------|------|
| 22 Es | 0811 WBBM | 2 IL | 1022 |
| | 0814 KGAN | 2 IA | 1214 |
| | 0845 WCIA | 3 IL | 1103 |
| | 0857 KSDK | 5 MO | 1246 |
| | 1204 WSBTV | 2 GA | 1213 |

23 Ms 0833 unID 15Z KY or WI

| | | | |
|----|-----------|------|------|
| Es | 0850 KDKA | 2 PA | 718 |
| | 0900 WAVE | 3 KY | 1057 |
| | 0900 WDTN | 2 OH | 932 |
| | 0901 WTVW | 2 IN | 1086 |
| | 0911 WTTV | 4 IN | 1018 |
| | 0933 WEWS | 5 OH | 753 |

5 Logo (Thanx Danny)

| | | | |
|-------|-----------|------|------|
| | 0957 WRTV | 6 IN | 1018 |
| | 0958 KMOV | 4 MO | 1246 |
| | 0959 KSDK | 5 MO | 1246 |
| | 1000 WSYX | 6 OH | 868 |
| | 1032 WCMH | 4 OH | 868 |
| | 1143 WMAQ | 5 IL | 1022 |
| | 1202 WTMJ | 4 WI | 1007 |
| 24 Es | 2058 WUND | 2 NC | 816 |

26 Es 0841 WTOP 4 MI 4/7

| | | | |
|-------|-------------|------------|------|
| 27 Es | 1130 WUND | 2 NC | 816 |
| | 1200 WUNC | 4 NC | 904 |
| | 1200 WWAY | 3 NC | 966 |
| | 1202 WCB | 2 SC | 1111 |
| | 1318 WFM | 2 NC | 920 |
| | 1423 WRAL | 2 NC | 897 |
| | 1811 CJONTV | 6 NF + CTV | 727 |
| | 1814 CBNT | 5 NF + CBC | 612 |
| | 1820 CBNT | 4 NF + CBC | 577 |
| | 1823 CJAPTV | 3 NF Z NTV | 667 |
| | 1825 CJQXTV | 2 NF + NTV | 608 |
| | 1832 CJCNTV | 4 NF Z NTV | 608 |
| | 1840 CBYT | 5 NF Z CBC | 510 |
| | 1840 CBNT | 5 NF Z CBC | 703 |
| | 1850 CBNAT | 3 NF Z CBC | 609 |
| | 1856 CBYT | 2 NF Z CBC | 525 |
| | 1912 CBYT | 6 NF + CBC | 432 |
| | 1940 CBFJTV | 4 NF - SRC | 727 |

291 watts Thanks D. Smith

| | | | |
|--|-----------|------|------|
| | 2314 WDTN | 2 OH | 932 |
| | 2316 WTTV | 4 IN | 1018 |

Showing WRTV 6 NXS WTTV & 782-4444 in sync bar

| | | | |
|-------|-------------|------|------------------|
| 28 Es | 0815 WSJK | 2 TN | 1027 |
| | 0820 WSBTV | 2 GA | 1213 |
| | 0900 WEARTV | 3 FL | 1499 |
| | 0909 WJXT | 4 FL | 1311 |
| | 1419 WDTN | 2 OH | 932 |
| | 1428 WJBK | 2 MI | 792 |
| | 1431 WBAY | 2 WI | 985 |
| | 1551 WSBTV | 2 GA | 1213 |
| | 1554 KGAN | 2 IA | Tornado warnings |
| | 1557 WOITV | 5 IA | Tornado warnings |
| | 1630 WSJK | 2 TN | 1027 |
| | 1954 WJBK | 2 MI | 792 |
| | 1955 WDTN | 2 OH | 932 |
| | 1955 WCIA | 3 IL | 1103 |
| | 1957 WTTV | 4 IN | 1018 |
| | 2048 WAVE | 3 KY | 1057 |
| | 2100 WKRN | 2 TN | 1194 |

WESTERN TV-DX

August 1998

Marvin Shults, RR #1, Toulon, IL 61483

May 1998 CDT

28Es 1800 X 2 SS

Kill 3TX
KENS 5TX

29Es 1800 KMID 2TX
-1815 X 2 SS

1825 WEAR 3FL
1900 KIII 3TX

31Es 1800 WHSV 3VA
1810 WESH 2FL

1909 WFSB 3CT
1923 WPBT 2FL
1929 WEDU 3FL

June 1998
01Es 1600 WESH 2FL

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

May 1998 CDT

01Es 1300 WBRZ 2LA 784
06Es 1100 XEJ 5CH 1162

14tr 0430 KSAX 42MN 404
0530 KYNE 29NE 464

1100 WBMG 42AL 582
15tr 0030 KYNE 29NE 464

0035 XKNE 19NE 402
0045 WYMT 57KY 449

17Es 1500 WCBT 2FL 1229
1515 WWAY 3NC 800

1520 WEDU 3FL 1031
18Es 2215 XEJ 5CH1162

2255 KASA 2NM 972
24Es 2200 WPBT 2FL 1229

27Es 2340 KRGV 5TX 1189
28Es 1815 KMID 2TX 967

1825 WESH 2FL 983
1830 WPBT 2FL 1229

1900 KUTV 2UT 1139
1905 KSL 5UT 1139

1910 KTVK 3AZ 1348
KPHO 5AZ 1348

2220 KRGV 5TX 1189
29Es 1710 XHCH 2CH1305

Chihuahua
1825 KRGV 5TX 1189

31Es 1900 WEDU 3FL 1031

1610 WJXT 4FL
1612 WBT 3NC

1615 WWAY 3NC
1621 WCB

25C
1650 WRAL 5NC
1653 WGBH 2MA

1717 WSAV 3GA
1730 WLBZ 2ME

1730 WCBST 2NY
1750 WCSC 5SC

1800 WFSB 3CT
1800 CJCH 6NS

1806 C 4
1830 CKCW 2NB

1950 WUFT 5FL
1950 WEDU 3FL

04Es 1950 KPRC 2TX
1925 WPBT 2FL 1229

2000 WESH 2FL 983
June 1998

01Es 1620 WCB

25C 797
1625 WBT 3NC 638

1630 WCIV 4SC 797
1655 WTVJ 6FL 1229

1715 WMAR 2MD 677
WGBH 2MA 918

1730 WTVH 5NY 671
Syracuse
1800 WCSH 6ME 958

Portland
KYW 3PA 741

1825 WABI 5ME 1031
1830 WCVB 5MA 918

2000 WUND 2NC 797
2005 WPBT 2FL 1229

02Es 2030 KTVQ 2MT 968
KBCI 2ID 1321

03Es 1200 WBRZ 2LA 784
1210 KPRC 2TX 893

04Es 2100 KASA 2NM 972
KUTV 2UT 1139

2110 KWGN 2CO 811
08Es 1955 WPBT 2FL 1229

11Es 1115 WLBZ 2ME 1030
13Es 1730 KNAZ 2AZ 1258

14Es 1230 WEDU 3FL 1031
1300 WPBT 2FL 1229

Victor Frank
12450 Skyline Blvd.
Woodside, CA 94062-4554
e-mail frank@horizon.sri.com
(650)851-7031

1950 X 2 SS
2040 XHPN 3

2045 KMID 2TX
2055 KFDM 6TX

2057 KDTN 2TX
2100 KDFW 4TX Fox4

13Es 1250 XEPM 2
1252 KASA 2NM

1400 KENW 3NM
14Es 1200 WEDU 3FL

1730 WBRZ 2LA
1735 WWL 4LA

1800 KPRC 2TX
1800 KENS 5TX

1815 KRGV 5TX
1837 X 2

1430 KACV 2TX 803
1900 KENW 3NM 912

18Es 2000 KXMA 2ND 732
20tr 0655 77Xlr 42 KSMQ15

23Es 1055 CBHT 3NS 1272
1100 WCAX 3VT 821

1130 CHAU 5PQ 1184
29Es 0100 KTVQ 2MT 968

WGBH 2MA 918
1745 CKCW 2NB 1221

1830 CFAP 2PQ 938

1620-2005 on June 1 will most likely comprise the best Es opening of the year. I received two new stations. Es was short, went into an area not seen often, and was fast moving.

A snowfree pix was taken of KSMQ-15, Austin, MN on ch. 42 just before sign on. Antenna heading was 325 degrees or just east of Minneapolis from Dixon, IL. I can not find where anyone has logged such a station. My sources list no possibilities. Does anyone have any ideas? Reception was too good to be anything but a translator.

Dennis Park Smith, 3703 Dixon St., Santa Barbara, CA 93105-2419 (805)687-7803

This report is for June 1998, any times are PST.

Even with regular (though not constant observation, there was almost no Es noted in June. While in Wasco on June 5-7, only this was seen: Jun 6 Es 0756 Ch 3 approx 5 seconds, V & A Good Es 0805-0820 Ch 2 in & out, V & A vy Good

Sometimes severe weather conditions, including tornadoes coincide with Sporadic-E openings, but perhaps not this year. The only other possible Es was on June 27 on FM. See Southern FM-DX for details.

Southern-CA coastal tropo (to San Diego/Tijuana, 200 mi/320 km) was mediocre, as the hot inland (away from ocean vicinity) temperatures have been late coming this year.

June 1: Fair, improving to good
June 2: Poor, down to very poor (cooling)
June 3: No tropo, improving to very poor
June 4-5: Very poor
June 5-7: [Out of town] In Wasco
June 7-12 No tropo (some rain June 12)
June 13-19 Variably poor (increased heating inland)
June 20-22 Variably fair
June 23-27: Variably poor (heating slacked off)
June 28-30 Variably fair (more heating).

28

29

Western TV DX

Fernando Garcia, San Salvador 415, Rincon de la Sierra, Cd Guadalupe, NL, 67181 MEXICO

Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60'.

1800' ASL, No re-logs in the same month, only tropo 500+ miles.

| June 1 | CDT |
|-----------------------------|------|
| 0200 KADN 15 LA Lafayette | 586 |
| WPMI 15 AL Mobile | 838 |
| KLTL 18 LA Lake Charles | 548 |
| WHNO 20 LA New Orleans | 688 |
| KLPB 24 LA Lafayette | 567 |
| WGNO 26 LA New Orleans | 694 |
| WLPB 27 LA Baton Rouge | 638 |
| K30EM 30 LA Houma | 644 |
| WHBR 33 FL Pensacola | 838 |
| KWBJ-LP 39 LA Morgan City | 618 |
| 0215 WCCL 49 LA New Orleans | 688 |
| WUPL 54 LA Slidell | 705 |
| K59DG 59 LA New Orleans | 688 |
| KLAF-LP 62 LA Opelousas | 600 |
| K66FI 66 LA Opelousas | 599 |
| W58BO 58 MS Natchez | 670 |
| WDBD 40 MS Jackson | 754 |
| WAPT 16 MS Jackson | 754 |
| K69HD 69 LA Church Point | 586 |
| K46DG 46 LA Lafayette | 587 |
| KXTX 39 TX Dallas | 518 |
| KDXT 58 TX Dallas | 518 |
| K67GL 67 LA Bunkie | 614 |
| K47DW 47 LA Alexandria | 611 |
| WVLA 33 LA Baton Rouge | 633 |
| W36AC 36 MS Mccomb | 710 |
| K61GO 61 LA Hicks | 581 |
| 0230 K55HA 55 LA New Iberia | 596 |
| KFKX 51 TX Longview | 557 |
| KETK 56 TX Jacksonville | 532 |
| KAJN-LP 40 LA Lafayette | 586 |
| W29BH 29 MS Biloxi | 757 |
| WXXV 25 MS Gulfport | 764 |
| K19DM 19 LA Alexandria | 611 |
| K65FV 65 LA Crowley | 572 |
| 0300 K49DE 49 LA New Iberia | 596 |
| K51EC 51 LA Lake Charles | 532 |
| 0545 WMPV 21 AL Mobile | 842 |
| WEIQ 42 AL Mobile | 825 |
| WMAH 19 MS Biloxi | 770 |
| WNOL 38 LA New Orleans | 694 |
| KVHP 29 LA Lake Charles | 530 |
| 0600 KFWD 52 TX Fort Worth | 522 |
| WLTZ 38 GA Columbus | 1036 |
| WXTX 54 GA Columbus | 1037 |
| WGMB 44 LA Baton Rouge | 633 |
| W47BP 47 MS Hattiesburg | 766 |
| WIIQ 41 AL Demopolis | 877 |
| 0645 WMGT 41 GA Macon | 1115 |

| | |
|-----------------------------|------|
| WPGA 58 GA Perry | 1115 |
| W52BF 52 AL Mobile | 818 |
| WLAE 32 LA New Orleans | 694 |
| W45AA 45 MS Columbia | 739 |
| WMAW 14 MS Meridian | 807 |
| 0700 WABM 68 AL Birmingham | 966 |
| WIAT 42 AL Birmingham | 969 |
| WTTO 21 AL Homewood | 969 |
| WCFT 33 AL Tuscaloosa | 924 |
| WGBC 30 MS Meridian | 834 |
| KLPA 25 LA Alexandria | 619 |
| 0715 KPXD 68 TX Arlington | 518 |
| 2130 WFSG 56 FL Panama City | 929 |
| WPAN 53 FL Fort Walton B. | 869 |
| 2145 WTWG 40 FL Tallahassee | 1030 |
| WTXL 27 FL Tallahassee | 1031 |
| June 2 | |
| 0245 KLAX 31 LA Alexandria | 618 |
| W39BP 39 FL Pensacola | 859 |
| WMDN 24 MS Meridian | 834 |
| K56DR 56 LA Baton Rouge | 633 |
| KASN 38 AR Pine Bluff | 772 |
| 0300 KLRT 16 AR Little Rock | 782 |
| 0330 WFBI 50 TN Memphis | 904 |
| K65CE 65 LA Shreveport | 615 |
| 0345 W63BK 63 MS Meridian | 834 |
| WMAU 17 MS Bude | 697 |
| 0530 KSHV 45 LA Shreveport | 616 |
| W38BU 38 AL Moody | 988 |
| WMAO 23 MS Greenwood | 788 |
| WJSU 40 AL Anniston | 992 |
| WTJP 60 AL Gadsden | 998 |
| 0600 WSWS 66 AL Opelika | 1023 |
| WFOA 32 AL Montgomery | 928 |
| 0615 WFIQ 36 AL Florence | 964 |
| 0630 WFXL 31 GA Albany | 1066 |
| 0645 W50CF 50 AL Mobile | 817 |
| 0700 WMCF 45 AL Montgomery | 965 |
| 0715 WGIQ 43 AL Louisville | 987 |
| WAIQ 26 AL Montgomery | 959 |
| WCOV 20 AL Montgomery | 958 |
| June 3 | |
| 0230 KHSX 49 TX Irving | 518 |
| KDFI 27 TX Dallas | 518 |
| June 4 | |
| 0330 KLDT 55 TX Lake Dallas | 544 |
| 0615 WFTX 36 FL Cape Coral | 1142 |
| WSCV 51 FL Fort Lauderdale | 1242 |
| WYHS 69 FL Hollywood | 1242 |
| WDZL 39 FL Miami | 1243 |
| WBFS 33 FL Miami | 1242 |
| 0630 WHFT 45 FL Miami | 1244 |
| WLTV 23 FL Miami | 1242 |
| 0645 WOPX 56 FL Melbourne | 1189 |
| 0700 WBBH 20 FL Fort Myers | 1144 |
| June 8 | |
| 0615 KMSS 33 LA Shreveport | 615 |
| 0645 KVTH 26 AR Hot Springs | 739 |
| June 9 | |
| 0615 WXVT 15 MS Greenville | 794 |
| 0700 WAFB 9 LA Baton Rouge | 638 |
| June 10 | |

Western TV DX F. Garcia's report continues

| | |
|--------------------------------|------|
| 0300 WJTC 44 FL Pensacola | 842 |
| 0330 WDHN 18 AL Dothan | 982 |
| 0515 WJSP 28 GA Columbus | 1057 |
| 0615 WETU-LP 39 AL Wetumpka | 969 |
| June 11 | |
| 0230 WPGX 28 FL Panama City | 952 |
| WSRE 23 FL Pensacola | 857 |
| 0245 W41BN 41 AL Dothan | 980 |
| 0530 WATL 36 GA Atlanta | 1104 |
| WMPN 29 MS Jackson | 747 |
| 0615 W52BC 52 AL Selma | 928 |
| 0700 WNTZ 48 MS Natchez | 670 |
| June 12 | |
| 2130 WBHS 50 FL Tampa | 1116 |
| 2230 WTTA 38 FL St. Petersburg | 1116 |
| 2245 WTEV 47 FL Jacksonville | 1179 |
| WJEB 59 FL Jacksonville | 1180 |
| June 13 | |
| 2045 WGFL 53 FL High Springs | 1112 |
| WOGX 51 FL Ocala | 1123 |
| WRBW 65 FL Orlando | 1192 |
| WKCF 18 FL Clermont | 1192 |
| WACX 55 FL Leesburg | 1180 |
| 2200 W69AY 69 FL Alachua | 1128 |
| June 14 | |
| 0145 WFTS 28 FL Tampa | 1116 |
| 0345 WBSF 43 FL Melbourne | 1200 |
| WTGL 52 FL Cocoa | 1200 |
| 0630 WFGX 35 FL Fort Walton B. | 892 |
| WBCC 68 FL Cocoa | 1200 |
| WOFL 35 FL Orlando | 1191 |
| 0700 WVUE 8 LA New Orleans | 693 |
| 0745 WUPA 69 GA Atlanta | 1100 |
| 0800 WLMT 30 TN Memphis | 901 |
| WPTY 24 TN Memphis | 904 |
| 0845 WMFE 24 FL Orlando | 1191 |
| WUSF 16 FL Tampa | 1116 |
| 0930 KARD 14 LA West Monroe | 659 |
| KMCT 39 LA West Monroe | 679 |
| WZDX 54 AL Huntsville | 1025 |
| WAAY 31 AL Huntsville | 1028 |
| 0945 W47BS 47 AL Talladega | 996 |
| 1015 W46AV 46 MS Pascagoula | 783 |
| 2030 WTVT 13 FL Tampa | 1117 |
| WKMG 6 FL Orlando | 1191 |
| local out after a thunderstorm | |
| WWWB 32 FL Lakeland | 1135 |
| WGCU 30 FL Fort Myers | 1144 |
| 2045 WTVK 46 FL Naples | 1153 |
| WZVN 26 FL Naples | 1153 |
| XHDH 11 YU Merida | 780 |
| XHTP 9 YU Merida | 780 |
| 2100 WAMI 69 FL Hollywood | 1242 |
| new calls and goes independent | |
| 2115 WRXY 49 FL Tice | 1142 |
| WTLH 49 GA Bainbridge | 1029 |
| WAWS 30 FL Jacksonville | 1179 |
| 2145 WWSS 40 FL Sarasota | 1108 |
| WJXX 25 FL Orange Park | 1163 |
| WJWB 17 FL Jacksonville | 1180 |

| | |
|--|------|
| WCEU 15 FL New Smyrna Beach | 1191 |
| WXPX 66 FL Bradenton | 1115 |
| June 15 | |
| 0030 WBSG 21 GA Brunswick | 1171 |
| 0100 WWMP 36 SC Charleston | 1320 |
| Full ID | |
| WTAT 24 SC Charleston | 1331 |
| WTBC-LP 65 FL Tallahassee | 1025 |
| 0115 WTGS 28 SC Hardeeville | 1222 |
| 0515 W36AJ 36 FL Jacksonville | 1175 |
| 0545 WFLX 29 FL West Palm Beach | 1238 |
| WXEL 42 FL West Palm Beach | 1238 |
| 0700 WPXP 67 FL Lake Worth | 1248 |
| WFGC 61 FL Palm Beach | 1248 |
| June 16 | |
| 2200 K65FP 65 LA Baton Rouge | 645 |
| strong, o/u K65FV also in strong | |
| KBTR-LP 19 LA Baton Rouge | 642 |
| o/u strong WMAH Both with Baton Rouge | |
| today Extremely strong opening to south LA | |
| June 17 | |
| 0145 K52EV 52 LA Leesville | 574 |
| 0515 KOPX 62 OK Oklahoma City | 705 |
| KSBI 52 OK Oklahoma City | 692 |
| 0530 KTLG 43 OK Oklahoma City | 706 |
| KUVN-LP 31 TX Fort Worth | 521 |
| KWHB 47 OK Tulsa | 765 |
| 0545 KMPX 29 TX Decatur | 537 |
| KTAQ 47 TX Greenville | 574 |
| KTXA 21 TX Fort Worth | 518 |
| 0600 KTFO 41 OK Tulsa | 766 |
| KWMJ 53 OK Tulsa | 766 |
| KYPX 42 AR Little Rock | 803 |
| 0615 KLTS 24 LA Shreveport | 616 |
| June 19 | |
| 0515 KDAF 33 TX Dallas | 518 |
| June 21 | |
| 0615 K22EH 22 TX Longview | 568 |
| Zorro, local out | |
| 0630 K30EA 30 TX Texarkana | 651 |
| 0715 K52DX 52 TX Texarkana | 651 |
| 0800 KTVV-LP 63 AR Hot Springs | 782 |
| with WB22 (Little Rock) | |
| High Pressure area over the Gulf and | |
| temperatures above normal continued into June | |
| allowing the best month of June ever. | |
| Total of 12 days with 1000+ miles tropo. 8 days | |
| in a row: June 10-17. Total of 64 (1000+) mostly UHF | |
| TV stations were logged: | |
| Alabama 3 | |
| Florida 48 | |
| Georgia 10 | |
| South Carolina 3 | |
| Thanks to Jeff Kruszka for helping to ID K22EH and | |
| KTVV-LP | |
| 73's Fernando | |

Western TV DX

Randy Miltier-K7RPM, 1185
Linda Ave, Ashland, OR 97520

Equipment: Zenith 19" color with
low band ch. 2-6 antenna. Zenith
13" b&w with handheld dipole
antenna.

| | | |
|---------------------------------------|-----------|--|
| June 11 1998 Es | PDT | |
| 0930 KENW 3 | 1201 | |
| 0945 KBSD 6 | 1240 | |
| 0958 KRMA 6 | 923 | |
| 1001 KSWK 3 | 1196 | |
| 1002 KDUH 4 | 975 | |
| 1015 KTVH 3 | 1016 | |
| June 12 1998 Es | | |
| 1431 KLNE 3 | 1210 | |
| 1641 KTVK 3 | 841 | |
| June 13 1998 Es | | |
| 0825 unID 2 meters open into CO | | |
| June 19 1998 ?? | | |
| 1120 unID 3 nothing on ch. 2 or 6 | | |
| meters. Two ladies talking about | | |
| road improvements on West | | |
| Boulevard. | | |
| June 29 1998 Es | | |
| 0933 KTVS 3 | | |
| 1011 WBAY1 2 | 1744 | |
| N8PUM beacon in from Green Bay on 6m. | | |
| 1018 unID 2 Promo for the Music Hut | | |
| 1027 KXMA 2 ND | 1027 | |
| 1030 KGFE 2 ND | 1276 | |
| 1031 KBME 3 ND | 1124 | |
| 1051 KRMA 6 CO | | |
| 1058 KDUH 4 NE | | |
| 1100 KLNE 3 NE | | |
| 1101 KTVS 3 CO | | |
| 1123 KTVK 3 AZ | | |
| 1200 KTVQ 2 MT | 743 | |
| 1201 KYUS 3 MT | 885 | |
| 1226 KIDK 3 ID | 516 | |
| 1230 KWSE 4 ND | 1015 | |
| 1247 KBME 3 ND | | |
| 1305 CHAT 6 AB | 791 | |
| 1315 CHAT 3 AB | does this | |
| station have a call? | | |
| 1317 CITL 4 AB | 967 | |
| 1323 CICT 2 AB | 731 | |
| 1325 KHQ 6 WA | 445 | |
| 1339 unID 2 Canada | | |
| "...on the Super Channel". | | |
| 1353 unID 5 floater with "Rosie | | |
| O'Donnell Show" | | |
| 1353 unID 6 Spanish! | | |
| 1428 KENW 3 NM | | |
| 1430 KWGN 2 CO | 923 | |
| 1442 KAMR 4 TX | 1235 | |
| 1502 KACV 2 TX | 1235 | |
| 1528 CFSS 3 SA | 1088 | |

32

| | | |
|--------------------------------|------|--|
| with CKOS ID | | |
| 1532 CKCK 2 SA | 1031 | |
| 1545 KREZ 6 CO | 856 | |
| 1558 KSWK 3 KS | 1176 | |
| 1559 KRMA 6 CO | | |
| 1600 KLBV 4 KS | 1151 | |
| with "KAKE News" | | |
| 1601 KBSD 6 KS | 1240 | |
| 1603 unID 4 mentioned "Vanilla | | |
| Pass Fire". during news. | | |
| 1620 KWNB 6 KS "NTV" | 1129 | |
| 1630 KOTA 3 SD | 982 | |
| 1631 KDUH 4 NE | | |

June 29th was probably one of the
best days I've had with Sporadic E
in many, many years. Sometimes it
had a pattern and other times
signals were coming from every
where. There were many unIDed
stations that just didn't make it
through the hash. In addition to
the TV loggings, I managed
double-hop contacts on 6 meters to
NH, NY, NJ, MO, MI and Ontario.
On the tentative WBAY-2
logging...I called WBAY trying to
get some info about their Noon
News. I made the mistake of
telling the young lady I was in
Oregon and that maybe I received
their station. Well, she told me
there was no way I could get
WBAY in Oregon and that was
about the end of the conversation.
I thought about it, called back the
next day and requested a VHS tape
of the Noon News....no problem.
I'll do my own research..thank you.
The N8PUM 6 meter beacon (1
watt) also was in here from the
Green Bay area.
The KHQ-6 logging was a surprise
at 445 miles. Channel 2 was a
mess so couldn't tell if KREM-2
was in.
KOB1-5 in Medford (about 20
miles west) is just tough to get
through. I had a couple of floaters
but they didn't last long.
The Es season prior to this opening
has been terrible. The March-like
weather just cleared out about June
26th. It snowed on nearby Mt.
Ashland (7500 ft) on June 24th!

Mike Cherry, VE7SKA, Box 631
Ganges PO, Salt Spring Is. BC
V8K 2W2 CANADA
June 1998 UTC heading
19 Es 1830 KREG 3 CO 120
20 Es 1735 KCNC \$2 CO 120

| | | |
|-------------------------|-----|--|
| July 1998 UTC | | |
| 04 Es 0157 KTVU \$ 2 CA | 170 | |
| 0200 KCRA 3 CA | 170 | |
| 0243 KTVX 2 UT | 165 | |
| 0319 KVBC \$ 3 NV | 165 | |
| 08 Es 0159 KNAZ \$ 2 AZ | 160 | |
| 0212 KTVK 3 AZ | 155 | |

Danny Oglethorpe, P.O. Box
6688 Shreveport, LA 71136-6688
May 22 1998 tr UTC miles
0625 WJTC 44 FL 410
0648 WBHS 50 FL 743
0728 WFTS 28 FL 743
0740 WTOG 44 FL 740
0750 W47BP 47 MS METV 274
0842 WTXL 27 FL 577
0845 WWSB 40 FL ABC40 577
0935 WHOA 32 AL 436
K43DV 43 TX TBN 314
1020 WWWWB 32 FL WB32 767
1105 XHOR 14 TAM 503
Azteca 13 floating on KETH
1355 WFTX 36 FL 818
1430 WRBW 65 FL 784

Fighting local W65CE
May 23 1998 tr
Most stations from previous day
0315 WTJ7 60 AL TBN 461
WIAT 42 AL 410
0428 WTT0 42 AL 410
0435 unID 34 Box, east
0450 WTGL 52 FL 826
0510 WJSU 40 AL ABC33/40 468
WBSF 43 FL 840
0515 WPMX 66 FL 752
0603 unID 52
Weather Station promo; east
0620 WBSV 62 FL 771
0640 WEAR 3 FL Local off 410
0702 WTVK 46 FL 841
0728 WACX 55 FL 749
0735 WTEV 47 FL 728
0825 WGNX 46 GA 551
WATL 36 GA 551
1425 WCOV 20 AL 436

Tampa still in
1545 XHMOY 22 NL XEQ-9 611
1550 XHCNL 34 NL 342-4260 611
May 24 1998 tr
Many of same stations as previous days
0040 WTTA 38 FL 740
0048 WTVT 13 FL 743
Fighting WLOX-13
0148 WFLA 8 FL 743
Fighting KNOE and WVUE
Super trop is over by 10 PM CDT May 23.
May 26 1998 Es
1515 XHFM 2 VER 950
1615 WPBT 2 FL 939
1705 XHG 4 JAL 1003
May 27 1998 Es UTC
0020 Cuba 2
0035 CBFT1 2 PQ Hockey in French
unIDs 2, 4, 5 Canada
0136 WGRZ 2 NY 1091
0235 WMAR 2 MD 1072
New angled-bottom 2
0300 KDKA 2 PA 945

Western TV DX D. Oglethorpe

| | |
|-----------------------------------|------|
| 0325 WTAE 4 PA | 945 |
| 0335 WIVB 4 NY | 1091 |
| 1328 WUND 2 NC | 1031 |
| 1410 KTW0 2 WY | 996 |
| 1413 KWGN 2 CO | 806 |
| 1440 WPBT 2 FL | 939 |
| 1455 KASA 2 NM | 753 |
| 1515 KNAZ 2 AZ | 1045 |
| 1559 WCBD 2 SC | 805 |
| 1600 WESH 2 FL | 789 |
| 1608 WSB 2 GA | 551 |
| unIDs US and Mexico | |
| May 28 1998 Es UTC | |
| 1705 XHTV 4 DF | 958 |
| 1728 XHAGU 2 AGS | 896 |
| 1815 XHCH 2 CHIH | 778 |
| Local ads/promos | |
| 1828 XHIT 4 CHIH | 778 |
| Supered ID top | |
| 1833 XHFI 5 CHIH XEW | |
| 1940 KDBC 4 TX | 746 |
| XHGV 4 VER Telever 900 | |
| 2015 unID 5 Mexico SE; 5 logo | |
| unIDs 2, 4, 5 Mexico | |
| 2120 WPTV 5 FL | 912 |
| WCSC 5 SC | 805 |
| 2130 WUNC 4 NC /WUND2 | 875 |
| WBTB 3 NC Floating | 768 |
| WCIV 4 SC | 805 |
| 2138 WRAL 5 NC | 896 |
| 2201 WFMY 2 NC | 838 |
| 2210 WJBK 2 MI | 904 |
| 2215 WBAY 2 WI | 892 |
| WTTG 5 DC | 1042 |
| 2220 WWAY 3 NC Floating | 924 |
| 2225 WDIV 4 MI | 904 |
| WDTN 2 OH | 735 |
| 2226 WNEM 5 MI | 943 |
| 2229 WRC 4 DC DC Nx | 1042 |
| 2245 WTAE 4 PA | 945 |
| ID supered o/ABC Nx | |
| 2250 WTVR 6 VA | 988 |
| Over KTAJ; ID 2300 | |
| Channels 2,4,5 too packed to work | |
| 2335 KTVQ 2 MT | 1215 |
| May 29 1998 Es UTC | |
| 0015 KCNC 4 CO | 806 |
| KOAA 5 CO 5/30 | 734 |
| 0020 KRMA 6 CO | 806 |
| Over KTAJ until ID time | |
| 0030 KGWN 5 WY CBS5 | 1071 |
| KCWJ 4 WY | 1071 |
| 0135 WTVJ 6 FL Floating | 939 |
| 0157 KTVX 4 UT | 1160 |
| KUTV 2 UT | 1160 |
| 0215 KVOA 4 AZ | 1004 |
| KNAZ 2 AZ | 1045 |
| KPHO 5 AZ | 1065 |
| 0233 XEFB 2 NL | 611 |
| 0312 KNME 5 NM | 764 |
| 2140 CHFD 4 ON TBT4&6 | 1130 |
| 2145 CKPR 2 ON TBT2&5 | 1130 |
| 2325 WBBM 2 IL | 737 |
| May 30 1998 Es UTC | |
| 0240 KCBS 2 CA | 1420 |
| 1845 KOB 4 NM | 764 |
| May 31 1998 Es UTC | |
| 1915 WMAR 2 MD | 1072 |
| June 1 1998 Es UTC | |

| | |
|--|------|
| 1720 KXMA 2 ND | 1110 |
| 1800 KTW0 2 WY | 996 |
| 1815 WJBK 2 MI | 904 |
| 1830 KBCI 2 ID New State | 1447 |
| 1920 Local KTBS-3 off for about 2 hours | |
| 1928 unID 3 PBS | |
| unID 3 CBS | |
| CITO 3 ON | 1288 |
| Ads, News Promo | |
| 1950 WBBM 2 IL | 737 |
| WTOM 4 MI 7&4 | 1042 |
| 1957 KIDK 3 ID Big ID taped | 1256 |
| 2020 KBCI 2 ID back | |
| 2030 WFSB 3 CT New State | 1330 |
| 2053 WWAY 3 NC | 924 |
| 2058 WPSX 3 PA | 1037 |
| 2100 CKPR 2 ON TBT | 1130 |
| 2110 WSTM 3 NY | 1212 |
| 2112 WRC 4 DC | 1042 |
| WMAR 2 MD | 1072 |
| 2120 WGRZ 2 NY | 1092 |
| 2140 KXJB 4 ND KX4 | 1028 |
| 2145 KGFE 2 ND Prairie Public | 1086 |
| CHRO 5 ON ID & Nx taped | 1287 |
| 2210 WDIV 4 MI | 904 |
| 2213 WTAE 4 PA | 945 |
| 2245 WCCO 4 MN | 870 |
| 2358 KDKA 2 PA | 945 |
| June 2 1998 Es UTC | |
| 0020 WIVB 4 NY | 1091 |
| unID 5 ABC w/unknown circle | |
| 0135 unIDs 2,5 Global, CBC | |
| 0730 tropo Valley 7, 9, 17, 23, 44 | |
| 1720 KNAZ 2 NM | 1045 |
| 1840 unIDs 2 XEW,Azteca 13 | |
| June 3 1998 Es UTC | |
| 1435 KWGN 2 CO | 806 |
| 1528 KTVX 4 UT | 1160 |
| 1535 KUTV 2 UT | 1160 |
| 1650 WBAY 2 WI | 892 |
| 1735 CHFD 4 ON TBT | 1130 |
| unIDs 2, 4, 5 Canada & US | |
| June 4 1998 Es UTC | |
| 2145 WDTN 2 OH | 735 |
| 2345 KTCa 2 MN ID 2357 869 | |
| June 5 1998 Es UTC | |
| 0010 KSTP 5 MN | 869 |
| 0146 KGAN 2 IA | 672 |
| 0233 WBKP 5 MI "5/28" ID | 1063 |
| 0250 KUSD 2 SD SDPTV | 738 |
| 0301 KPRY 4 SD KSFY | 900 |
| June 9 1998 Es UTC | |
| 0015 CKCK 2 SK | 1367 |
| 0058 KGFE 2 ND | 1086 |
| 0225 KWGN 2 CO | 806 |
| 0240 KTVN 2 NV | 1537 |
| Reno ads; COPS | |
| 0505 tropo San Antonio 4, 5, 9 | |
| 1420 WPBT 2 FL | 939 |
| June 10 1998 Es UTC | |
| 0215 KTW0 2 WY | 996 |
| 0305 KASA 2 NM | 753 |
| June 11 1998 Es UTC | |
| 0035 KNAZ 2 AZ | 1045 |
| June 12 1998 Es UTC | |
| 0445 unID 2 XEW | |
| 1735 KXMA 2 ND | 1110 |
| 1830 KTVQ 2 MT | 1215 |
| 1950 Local KTBS-3 off; no significant DX | |

| | |
|-------------------------------|------|
| 2140 WCBS 2 NY | 1238 |
| WGRZ 2 NY | 1091 |
| 2147 CBFT 2 PQ SRC | 1414 |
| WDTV 5 WV | 876 |
| 2207 KDKA 2 PA | 945 |
| WTAE 4 PA | 945 |
| unID 5 | CBC |
| 2242 WJBK 2 MI | 904 |
| 2250 unID 4 | CBC |
| 2304 WDIV 4 MI | 904 |
| 2318 WBBM 2 IL | 737 |
| CHBX 2 ON Local ads | 1098 |
| 2323 WBAY 2 WI | 892 |
| 2329 WTOM 4 MI 7&4 | 1042 |
| June 13 1998 Es & tr | |
| 0030 CJIC 5 ON Local ads | 1098 |
| 0330 WMAR 2 MD | 1072 |
| unID Es to NW until 0145 CDT | |
| 0750 tropo Valley 7, 9, 17 | |
| VHF packed with area stations | |
| 1440 KWGN 2 CO | 806 |
| 1745 KXMA 2 ND | 1110 |
| 1759 CKCK 2 SK | 1367 |
| KWSE 4 ND Prairie | 1206 |
| 1829 KIVV 5 SD FOX7 | 987 |
| KHMT 4 MT | 1184 |
| 1840 CBKT1 4 SK CBC Sask | 1385 |
| KGFE 2 ND | 1086 |
| 1930 CKND2 2 MB Note #1 | 1279 |
| KFYR 5 ND | 1063 |
| 2000 KTVQ 2 MT | 1215 |
| 2013 KTW0 2 WY | 996 |
| 2113 KASA 2 NM | 753 |
| 2145 KWGN 2 CO | 806 |
| 2355 KNOP 2 NE | 717 |
| June 14 1998 Es UTC | |
| 0008 KPXY 4 SD KSFY | 900 |
| 0035 KXJB 4 ND | 1028 |
| June 14 1998 tropo | |
| 0325 Valley 5, 7, 9, 23 | |
| 0605 XHREY 12 TAM floating | 513 |
| XHFTX 57 TAM | 483 |
| 0625 XHLNA 21 TAM | 483 |
| 0840 WHOA 32 AL | 436 |
| 0850 Pensacola 23, 44 | 410 |
| 0920 WTOG 44 FL | 740 |
| Under WJTC bars | |
| 0910 Tampa 28, 50 | 743 |
| WPAN 53 FL | 444 |
| WFSG 56 FL | 502 |
| W47BPt 47 MS Not WNTZ-48 | |
| June 14 1998 Es | |
| 1510 WESH 2 FL | 789 |
| 1610 WCBD 2 SC | 805 |
| 1625 WUND 2 NC UNC | 1031 |
| 1640 KWGN 2 CO | 806 |
| 1735 WMAR 2 MD | 1072 |
| 1745 WRC 4 DC | 1042 |
| WUNC 4 NC /WUND-2 | 875 |
| WTTG 5 DC | 875 |
| 1815 WTAE 4 PA | 945 |
| 1830 WJBK 2 MI | 904 |
| Had to leave | |
| 1945 KGFE 2 ND | 1086 |
| 2005 CKND2 2 MB | 1279 |
| 2015 KXJB 4 ND | 1028 |
| 2015 CKYB 4 MB | 1247 |
| Local ads and calls | |
| 2116 WYFF 4 SC ID in bar | 676 |
| KDKA 2 PA | 945 |
| 2210 WTVH 5 NY | 1212 |

33

Western TV DX *D. Oglethorpe*

| | | |
|-----------------|----------------|------|
| WIVB | 4 NY | 1091 |
| 2213 WDTN | 2 OH | 735 |
| 2218 CBLT1 | 5 ON | |
| 2220 WEWS | 5 OH New Logo | 917 |
| WDIV | 4 MI | 904 |
| 2222 WRAL | 5 NC | 896 |
| 2222 WJBK | 2 MI | 904 |
| 2223 unID | 5 WLWT or WMAQ | |
| WTTV | 4 IN ID in bar | 619 |
| 2250 WNEM | 5 MI | 943 |
| 2252 WBAY | 2 WI | 892 |
| 2258 KSTP | 5 MN | 869 |
| June 15 1998 Es | | |
| 0000 KXMA | 2 ND | 1110 |
| KXJB | 4 ND | 1028 |

Note #1:

CKND MB has discontinued using call letters. Local news and everything else is called Global. Reminds me of the Sault Ste Marie operations of MCTV (channels 2 and 5) and the CIII/Global stations in Ontario.

John Ebeling, 9209 Vincent Ave S Bloomington, MN 55431

Not too much TV DX to report from the northland. This has not been a good year. Did not have anything to report from my two week stint in Barbados earlier this year.

Here is a re-cap of TV reception noted up here at the cabin in Alborn (MN). Have spent quite a bit of time here, with the TV set to channel 2 most of every day. Poor results. From Alborn MN.

| | |
|--|-----------|
| May 1998 | CDT |
| 26Es 2000 weak ch 2 | |
| 27Es 0740 WCBM | 2 SC |
| 0827 WSB | 2 GA |
| 28Es 1800 ch. 2-5 AZ TX NM | |
| 1808 KCBC | 4 TX |
| 1809 unID | 5 TX |
| TX flag 85 in lower left corner of pix | |
| 1810 AZ, NM to FM for 3 hr | |
| 31Es 1730 WCBM | 2 SC |
| 1737 WSB | 2 GA |
| 1800 WDIQ | 2 AL |
| June 1998 | CDT |
| 12Es 1700 WSJK | 2 TN |
| 13Es 0900 unID | 2 |
| 1230 WBRZ | 2 LA |
| 1257 KACV | 2 TX |
| 1259 KOB | 4 NM |
| 1300 KFBB | 2 MT |
| 14Es 1400 KDTN | 2 TX |
| weak Es, went to FM | |
| 1600 KMID | 2 TX |
| 22Es 0900 WKTV | 2 NY weak |
| 28Es 0910 unID | 2 Spanish |
| 0930 KACV | 2 TX |

| | | |
|------------------------------------|------------|--|
| WCBM | 2 SC Es | |
| ch 2-6 & FM to NC, SC, FL, GA | | |
| 1015 WCBM | 2 SC weak | |
| 29Es 0855 WCBM | 4 MS | |
| 0900 WMAB | 2 MS | |
| 0936 KTVI | 2 MO short | |
| 1530 WCBM | 2 SC | |
| 1600 CFAC2 | 2 Calgaria | |
| 2/7 (whatever their calls are now) | | |
| 1600 WCBM | 2 SC | |
| 1700 KXLY | 4 WA | |
| CFAC | 2 Calgary | |

Pat Dyer, WASYIX, 5315

Silvertip Drive, San Antonio, TX 78228-2744

Equipment: 1987 Emerson 872 VCR as tuner into 1994 Keepsafer 9" b&w CCTV monitor; 1973 Archer V-100 antenna and 8-bay bow-tie UHF array at 20' with rotor

| | |
|---------------------------------|------|
| May 28 1998 Es | CST |
| 1703 KDLH-May 3 MN Duluth | 1246 |
| May 31 1998 Es | |
| 2059 WSJK- 2 TN Sneedville | 1012 |
| June 2 1998 Es | |
| 1100 KGAN 2 IA Cedar Rapids | 962 |
| June 11 1998 Es | |
| 2017 WJBK 2 MI Detroit | 1240 |
| June 12 1998 | |
| Es 1859 WMAB 2 MS State Colleg | 618 |
| tr 2125 K21DZ 21 TX San Antonio | 24 |
| tr 2200 KPLC- 7 LA Lake Charles | 341 |
| tr 2345 WNOL 38 LA New Orleans | 520 |
| June 13 1998 | |
| Es 1700 KTCA- 2 MN Minneapolis | 1118 |
| Es 1729 KIMT 3 IA Mason City | 1012 |
| Es 1759 KGAN 2 IA Cedar Rapids | 962 |
| Es 1759 WDTN 2 OH Dayton | 1078 |
| tr 2301 KATC 3 LA Lafayette | 375 |
| tr 2320 WNOL 38 LA New Orleans | 520 |
| tr 2323 WGN0 26 LA New Orleans | 520 |
| tr 2357 WLPB 27 LA Baton Rouge | 447 |
| June 14 1998 | |
| tr 0003 WAPT 16 MS Jackson | 529 |
| tr 0357 KLT1 18 LA Lake Charles | 341 |
| tr 0359 KLAX 31 LA Alexandria | 388 |
| tr 0411 WJTC 44 FL Pensacola | 665 |
| tr 0826 WCBM 2 SC Charleston | 1141 |
| Es 0830 WSJK- 2 TN Sneedville | 1012 |
| Es 0830 WWAY 3 NC Wilmington | 1239 |
| Es 1515 WSZA 3 WV Huntington | 1124 |
| Es 1644 WBBM- 2 IL Chicago | 1055 |
| Es 1854 WDIV 4 MI Detroit | 1241 |
| Es 2017 WJBK 2 MI Detroit | 1240 |
| tr 2154 WAWS 30 FL Jacksonville | 1021 |
| tr 2154 WLAE 32 LA New Orleans | 520 |
| tr 2154 WTEV 47 FL Jacksonville | 1021 |
| June 16 1998 tropo | |

| | |
|--------------------------------|------|
| 1141 K25ES 25 TX San Antonio | 16 |
| 2239 WNOL 38 LA New Orleans | 520 |
| 2240 WLAE 32 LA New Orleans | 520 |
| 2309 WVLA 33 LA Baton Rouge | 442 |
| 2315 KPLC- 7 LA Lake Charles | 341 |
| 2329 WMAH 19 MS Blaxi | 583 |
| June 17 1998 | |
| tr 0006 WVLA 33 LA Baton Rouge | 442 |
| tr 0010 WNOL 38 LA New Orleans | 520 |
| tr 0030 WEIQ 42 AL Mobile | 645 |
| tr 0056 KLFY 10 LA Lafayette | 397 |
| tr 0056 KLAX 31 LA Alexandria | 388 |
| tr 0059 WJTC 44 FL Pensacola | 665 |
| tr 0130 WMAH 19 MS Blaxi | 583 |
| Es 1257 WBTV 3 NC Charlotte | 1092 |
| Es 1258 WFMY 2 NC Greensboro | 1175 |
| Es 1306 WSJK- 2 TN Sneedville | 1012 |
| Es 1400 WTTWO 2 IN Terre Haute | 928 |
| June 18 1998 Es | |
| 1716 WSIL 3 IL Harrisburg | 793 |
| June 19 1998 Es | |
| 1756 KUSD- 2 SD Vermillion | 944 |
| 1757 KDLO- 3 SD Garden City | 1072 |
| June 20 1998 tropo | |
| 0059 WNOL 38 LA New Orleans | 520 |
| 2301 WGN0 26 LA New Orleans | 520 |
| June 21 1998 Es | |
| 1000 WDTN 2 OH Dayton | 1078 |
| June 22 1998 Es | |
| 1003 KGAN 2 IA Cedar Rapids | 962 |
| 1044 WAVE- 3 KY Louisville | 976 |
| 1100 WDTN 2 OH Dayton | 1078 |
| 1110 WSIL 3 IL Harrisburg | 793 |
| 1256 KUSD- 2 SD Vermillion | 944 |
| 1259 KDLO- 3 SD Garden City | 1072 |
| June 25 1998 Es | |
| 0817 WTTWO 2 IN Terre Haute | 928 |
| 0855 WAVE- 3 KY Louisville | 976 |
| 0859 WSJK- 2 TN Sneedville | 1012 |
| 0925 WSIL 3 IL Harrisburg | 793 |
| June 27 1998 Es | |
| 0856 WEDU 3 FL Tampa | 996 |
| 1005 WESH 2 FL Daytona Beach | 1042 |
| 1158 WBTV 3 NC Charlotte | 1092 |
| 1402 WKMG 6 FL Orlando | 1058 |
| 1500 WSAV- 3 GA Savannah | 1041 |
| 1625 WWAY 3 NC Wilmington | 1239 |
| 1659 KGAN 2 IA Cedar Rapids | 962 |
| 1859 WSJK- 2 TN Sneedville | 1012 |
| June 28 1998 Es | |
| 0731 WESH 2 FL Daytona Beach | 1042 |
| 0859 WAVE- 3 KY Louisville | 976 |
| 0859 WDTN 2 OH Dayton | 1078 |
| 1629 KGAN 2 IA Cedar Rapids | 962 |
| 1859 KDLO- 3 SD Garden City | 1072 |
| 1959 KBME 3 ND Bismarck | 1189 |
| 2233 WISC- 3 WI Madison | 1065 |
| June 29 1998 Es | |
| 0333 KTVO 3 MO Kirksville | 839 |
| 0359 KGAN 2 IA Cedar Rapids | 962 |
| 0409 WISC- 3 WI Madison | 1065 |
| 0424 WTTWO 2 IN Terre Haute | 928 |

Western TV DX *Pat Dyer*

| | | |
|-----------------------------|------------------|------|
| 0430 KYTV | 3 MO Springfield | 624 |
| 0635 KDLO- 3 SD Garden City | 1072 | |
| 0656 KTVQ | 2 MT Billings | 1247 |
| 0700 KOTA- 3 SD Rapid City | 1047 | |
| 1425 WTTV | 4 IN Bloomington | 986 |
| 1429 WCIA | 3 IL Champaign | 932 |
| 1510 WLNS | 6 MI Lansing | 1207 |
| 1659 WBAY- 2 WI Green Bay | 1184 | |
| June 30 1998 Es | | |
| 1027 KOTA- 3 SD Rapid City | 1047 | |

The wee-hour Es of June 29 is something that occurs usually only once every couple of years around here. The 1000+ mi tropo into mid-June is also something of a rarity. The proliferation of local LPTV's is fast becoming a bit of a problem though most DX so far buries them. K21DZ features Tejano music and K25ES apparently runs from the satellite feed for the Ch 10 in Del Rio.

73, Pat - WASYIX

Frank Aden, N7SOK, 4096 Marcia Place, Boise, ID 83704

July 5: Es skip in up to ch. 5. Suspect KENW ch. 3 NM as of 7 PM MDT. Had checked at 5:30 PM and had nothing!
July 9: CCI on ch. 2 as of 7 PM MDT. Nothing yet on ch. 3.

Jeff Kadet, K1MOD9, Box 20, Macomb, IL 61455 (390)833-1809 JKadet@macomb.com

June 23: 0856, Getting a Canadian from the NE on ch. 2 IDing as "ATV". Think this is CKCW in Moncton, NB.

Eric Bueneman, N0UIH, 631 Coachway Lane, Hazelwood, MO 63042-1347 (314)839-9751 (prepaid only) Eric@aol.com

Equipment:
Alaron 12-inch (30 cm) black and white TV, Archer VU-110 with Archerrotor at 33 feet (10 meters) above ground level. All times CDT, all distances in miles (Editor furnished in miles & km. Latter deleted for lack of space.)
June 19 1998: tropo CDT
2207 WZTV 17 TN Nashville Fox 17 270

| | |
|--------------------------------------|-----|
| June 20 1998: tropo | |
| 0011 WEHT 25 IN Evansville ABC | 165 |
| 0012 WFIE 14 IN Evansville NBC | 165 |
| 0013 WEVV 44 IN Evansville CBS | 165 |
| 0014 WTVW 7 IN Evansville FOX | 165 |
| 0015 WBKO 13 KY Bowling Green | 220 |
| 0017 WLCN 19 KY Madisonville | 190 |
| 0627 WILL 12 IL Urbana/Champaign | 155 |
| 0628 Decatur IL 17,23 Grade B | 110 |
| 1810 WMBD 31 IL Peoria CBS 31 | 140 |
| Cleanly separated from KDNL-30 | |
| 1825 Jefferson City, MO 13 Loc, 25 B | 80 |
| 1826 Columbia, MO 8 B, 17 | 105 |
| 1946 WLFI 18 IN Lafayette K18BT | 220 |
| 1947 Springfield IL 20 B, 49, 55 B | 80 |
| 2159 WCCU 27 IL Urbana/Champaign | 155 |
| Fox 55 and 27 //WRSP-55 | |
| 2201 WCIA 3 IL Champaign/Urban | 150 |
| stronger than WCFN-49 | |
| 2221 WSNS 44 IL Chicago B | 270 |
| 2222 WPWR 50 IN Gary/Chicago | 250 |
| UPN Power 50 | |
| 2223 WEHS 60 IL Aurora/Chicago | 235 |
| 2225 WCPX 38 IL Chicago(WCFC) | 270 |
| 2228 WCIU 26 IL Chicago | 270 |
| 2232 WICD 15 IL Champaign/Urban | 150 |
| 2233 WFLD 32 IL Chicago FOX32 | 270 |
| 2236 WLS 7 IL Chicago | 270 |
| 2300 WTVF 47 IL Peoria | 140 |
| cleanly separated from WHSL-46 | |
| 2302 WQAD 8 IL Moline/Davenport | 190 |
| over WSUI | |

Plenty of tropo this time around ... finally noting a new station on Channel 13 when WBKO poked through WPXS. FM stations from the Bowling Green, KY area were also in at the same time. Several stations in the 80-100 mile range were coming in with semi-local or local-strength signals (KRCG-13 was as strong as locals 2, 4, 5, 9 and 11). Two new adjacent channel stations were added, in the form of WMBD-31 (its AM affiliate on 1470 is a nightly visitor here) and WTVF-47. Two stations were mixing it up at the same time on Channel 8...when the antenna was pointed SE, WSUI would dominate, but move it to the north, then WQAD would dominate. Another call change was noted, that being WCPX-38 (dropping its longtime call, WCFC). Even WLFI-18 was noted, its audio overriding K18BT's, while the video was seen underneath.

| | |
|--|-----------|
| Jeff Kruszka, 5024 S. Braxton Ave, Baton Rouge, LA 70817 | |
| June 1998 | CDT |
| 01 tr 0734 KENS | 5 TX 445 |
| KXAN | 36 TX 395 |
| KWEX | 41 TX 445 |
| Es 1728 CICI | 5 ON 1235 |
| CTV nx, Sudbury ad and nx | |

| | | |
|-----------------------------------|-----------|------|
| 1729 WNEM | 5 MI | 990 |
| 1827 WDIV | 4 MI | 935 |
| tr 2058 KXTX | 39 TX | 365 |
| 2211 KVUE | 24 TX | 395 |
| 2240 KVDA | 60 TX | 445 |
| 2246 KEDT | 16 TX | 425 |
| 2303 KHCE | 23 TX | 445 |
| KEYE | 42 TX | 395 |
| 02 tr 0709 KFWD | 52 TX | 395 |
| Telemundo | | |
| KUVN | 23 TX | 365 |
| 1858 KLRT | 16 AR | 305 |
| 1900 KTHV | 11 AR | 305 |
| Today's THV | | |
| KYPX | 42 AR | 305 |
| 04 Es 1856 unID 3 hockey, FF, CBC | | |
| 1900 KXJB | 4 ND | 1130 |
| 1901 KDLO | 3 SD | 1025 |
| 1920 WPXS | 3 PA | 975 |
| ID, pledge break | | |
| 2107 KTVQ | 3 MO | 675 |
| 10 tr 0930 WCOV | 20 AL | 315 |
| WTT0 | 21 AL | 335 |
| 11 tr 0720 WJSP | 28 GA | 390 |
| 0722 WLMT | 30 TN | UPN |
| 0726 WFB | 50 TN | 325 |
| 0728 WWSW | 66 AL | 370 |
| 0731 WHSG | 63 GA | 640 |
| 2312 WABW | 14 GA | 490 |
| 12 Es 1816 WISC | 3 WI | 875 |
| tr 2139 KEDT | 16 TX | 425 |
| 2327 XHAB | 7 TA | 505 |
| 2338 KXAN | 16 TX | 425 |
| KVEO | 23 TX | 500 |
| 13 tr 0104 WTEV | 47 FL | 560 |
| ID, pgm. sched. On screen | | |
| 0106 WJEB | 59 FL | 565 |
| 0130 KRRT | 35 TX | 475 |
| 0136 KEYE | 42 TX | 395 |
| 0159 WJWB | 17 FL | 560 |
| Jax ad, "WB 17, cable 9" | | |
| 0955 KDFW | 4 TX | 365 |
| KFWD | 52 TX | 395 |
| 0959 KPXD | 68 TX | 385 |
| Es 1841 unID | 3 briefly | |
| tr 2051 KEDT | 16 TX | 425 |
| XHFOX | 17 TA | 535 |
| 2156 KVEO | 23 TX | 500 |
| 2212 XHAB | 7 TA | 505 |
| 2257 KWEX | 41 TX | 445 |
| 14 tr 0024 KVUE | 24 TX | 395 |
| 0942 WJUS | 40 AL | 385 |
| WTJP | 60 AL | 390 |
| Es 1155 KLNK | 3 NE | 860 |
| 1200 WTKR | 3 VA | 960 |
| Newschannel 3 and WNIS | | |
| 1229 WRC | 4 DC | 985 |
| 1241 WTTG | 5 DC | FOX |
| 1317 WTTV | 4 IN | 655 |
| WB 4 ID - new state! | | |
| 1635 unID 3 Toronto Zoo ad | | |
| 1726 WMAQ | 5 IL | 810 |
| 1729 WTMJ | 4 WI | 885 |
| WFRV | 5 WI | 985 |
| 1736 unID | 6 | |
| 1743 KXJB | 4 ND | 1130 |
| 1918 unID | 3 | PBS |
| tr 2223 XHAB | 7 TA | 505 |
| 2224 XHMTA | 11 TA | 500 |
| 2227 XHREY | 12 TA | 535 |
| (to be continued next month) | | |

Magnum Dynalab FM Tuner Model MD108

It has been awhile since we reviewed a tuner, not since Vol. 5, #3, Summer of 1993 when we reviewed Magnum's then top-of-the-line tuner, the Model Etude. We always considered the Etude to be one of the world's best tuners, regardless of price, and that is why in our studio, we use an Etude. Magnum has been in business for thirty-seven years. It wasn't until the mid seventies that the company established itself by specializing in tuners. By 1989, the aforementioned Etude onto the market and quickly became a reference standard component. For the past few years, Manfred Breuning, chief designer and tuner specialist, has been working on a no-holds-barred design with which to make a statement; and the result is what the company calls the Magnum Analog Tuner model MD 108.

Appearance:

Although one word may describe it all, we are obliged to elaborate (the one word being STUNNING). This tuner is somewhat larger than most. It stands 6 inches high, 18 3/4 inches wide and is 15 1/2 inches deep. At first glance one's attention is drawn straight to the centre of the faceplate, since the tuner employs a Magic Eye -- a fine-tuning device popular in the fifties. This Magic Eye glows seductively in the dark (and even in daylight) and gets one right where it counts, namely, in the little old audiophile soul. Under the Eye, 3/4 inch large LEDs allow a clear view of the station frequency. To the left and right of the Eye, a multipass meter and a signal-strength meter take up a good portion of the handsome faceplate. A large antenna input selector switch on the left and a large tuning knob on the right as much as send thrills up a connoisseur's spine. The Antenna selector allows 2 positions for external antennas and 2 positions for cable inputs with small green LEDs above the knob. Above the tuning knob two small green LEDs indicated Mute and Stereo. An array of toggle switches on the bottom of the tuner control the functions of (from left to right) Power, Mute, Stereo/Mono, followed by BW1, 2 and 2 (Bandwidth), Blend and Dim (dimmer switch). To say that this component looks impressive, is an understatement.

On the rear of the unit, one finds the various antenna inputs, Balanced outputs (to complement the OCM preamp, no doubt), a pair of unbalanced (RCA) outputs and the AC socket (the unit comes with a detachable AC cord). All told, this tuner is laid out impressively, sporting clean lines and logically arranged function switches. It emanates class and breeding. An aluminum sleeve that can double for a suitcase is included.

Did we leave you with the impression that we like it? Now to what's going on with that impressive chassis.

Technology

Tuner manufacturers strive to get us radio signals and all tuners have a potentiometer in common. Yet, same as with amplifiers which have transformers in common, the sonic differences are as numerous as there are discrepancies, models, manufacturers etc. Breuning (Magnum's head designer) addressed all of the known technical parameters such as sensitivity, spurious response, image rejection, adjacent channel selectivity and frequency response. Two low-noise dual gate FETs were chosen to enable regulation with a clever automatic gain circuitry. The IF section offers three settings for bandwidth. BW1 is for ultra-wide and best frequency response, while the second setting combines excellent frequency response with high channel selectivity. The third setting -- super narrow -- is there for extreme reception conditions. Magnum employs phase linear matching parts, which are hand-selected to assure precise band-pass. An IF integrated circuit provides all meter outputs as well as the keyed AGC that works with the low-noise FETs in the RF section. The tuner's multiplex component was chosen for its high rejection modes and superb sonic quality to continue into special passive low-pass filters which were selected again for their sonic quality. The output section of the tuner is driven with two 12AX7 vacuum tubes made by Svetlana. The signal path from the RF section to the audio section is wired with Kimber Solid Silver wire but separated by an aluminum shield. A NewMetal shielded transformer is employed for the audio section. Six regulators supply the various sections in the RF stage, filtering out the noise in the signal path. The tuning potentiometer is a precision unit coupled to a large tuning knob via a gold plated flywheel and clutch assembly. A hand tooled tuning shaft is there as well. The two meters are taut band precision instruments for absolute accuracy. The front-panel controls for the circuits are gold-plated momentary switches. There is more information on the audio section, but it didn't arrive in time for this evaluation. Basically, this is a hybrid full analog tuner with the only digital section being the readout (channel display) section.

To say that this tuner is a no-holds-barred design is almost an understatement. However, the workmanship and the careful selection of components is audible as we get to what's important ...

The Sound:

All we can say is that we are sorry that the audio dictionary doesn't have enough of a vocabulary to express what this device can and will do. However, we'll give it the proverbial shot.

Magnum Dynalab for over ten years has specialized in designing and manufacturing truly ANALOG FM tuners and accessories. Our true ANALOG design allows you the customer infinite tuning across the FM band, this gives you the ultimate in listening pleasure regardless of the FM conditions.

We as a company strive to give the customer the ultimate in FM performance for the dollar. All our products benefit from our own ANALOG four or five stage tunable R.F. front end, the most critical area of a tuner design; it is in this area that we outperform other people in the business.

The culmination of these years of R/D is the MD 108 HYBRID FM tuner, which was awarded ANALOG SOURCE of the year from *Stereophile* magazine.

MD 108 Hybrid Analog Tuner

In a world given to compromise, Magnum Dynalab has conceded nothing in its approach to building their flagship tuner, the MD 108. Known for manufacturing FM Tuners of unparalleled quality, famous for their balance of Sensitivity, Selectivity and Sonic performance, it was only a matter of time before Magnum Dynalab achieved the pinnacle of FM Tuner performance. Manfred Breuning, designer of Magnum Dynalab products, is confident the MD 108 is that achievement.

Designed and constructed with the music lover in mind, the MD 108 is a hybrid tuner utilizing a truly new ANALOG R.F. section with precise MAGIC EYE tube tuning and a separate audio stage developed to exacting standards, utilizing two 12 AX 7 tubes in the audio switching stage.

ADVANCED R.F. FEATURES

- Quad MATRIX EYE Tube Tuning
- Three Ultra-Sensitive Bandwidth Settings
- Low Noise Dual gate MOSFETS
- Five Stage Front End
- Two Antenna Inputs
- Hand Matched Resonators

A precision tuning pot ensure optimum resolution from the five stage varactor front end. With three ultra-sensitive bandwidth setting and enhanced selectivity, you are ensured the best possible signal from any of the four antenna inputs (two analog, two digital), each selected from the front panel. An exclusive muting circuit eliminates unwanted inter-station noise. To verify performance, the MD 108 employs two accurately calibrated taut band analog meters to indicate multipath and signal strength. In unison with these meters, a unique quad MATRIX EYE tube for centre tuning means there is little guess work in optimizing FM reception. Low noise dual-gate MOSFET transistors and hand matched resonators mated to double-sided, plated circuit boards provide peak performance. The logic circuit which controls the tuner operation uses C-MOS technology, which has very high noise immunity making external transients of little impact. The logic circuit is controlled by gold plated momentary switches. With the switches always in a uniform position, the MD 108 maintains a clean, aesthetically pleasing appearance.

Not to be outdone by the specially designed front end, a separate CLASS A audio stage was designed. Using components and technology, worthy of the signal being received from the front end, the audio stage, using two 12 AX 7 tubes in the final stage and a discrete amplification system is designed to capture the ambiance of the music. The BALANCED circuit using a pair of bi-polar low noise transistors are cross coupled to ensure a precise BALANCED signal to match your other higher performance components. The Magnum Dynalab MD 108 establishes the new benchmark by which all other tuners will be judged.



REVIEW

Magnum Dynalab FM Tuner Model MD108

Don Scott cited the Magnum Dynalab MD 108 as one of the five or six best products for Fm reception ever built and our voters agreed overwhelmingly. Sound is stunningly life like, bass is tight and solid, textures are delicately rendered, and the transparency achieved by the best broadcast sources is astonishing. All this is enhanced by the MD 108's absence of birdies and other intrusive noises. Of the nearly 10,000 FM stations and translators in the US, many offer spectacular sound; those lucky enough to live within reception of the best should hear it through the MD 108. It might just amaze them that FM can sound so good.

Imagine a tuner that, when played, sounds as good as a CD player. Imagine also, that the tuner can bring in fringe stations which most of our local audiophiles don't even know exist. To top off these features, imagine the finest, most detailed amplifier you have ever listened to--and you get close to that experience when you listen to this tuner.

All of the visitor to our studio practically stopped in their tracks to take a look at the MD 108; and without exception, they wanted to get their hands on it and feel it. Everyone wanted to listen to the Magnum; and everyone remarked that the sound quality was superb. Phrases such as mean, exceptional, great, amazing, and some more we can't remember came out of the mouths of every single person that had a chance to listen to this tuner.

Synopsis & Commentary:

As we said at the beginning of this report, it has been a while since we reviewed a tuner and it has been even longer since we came across a tuner of this calibre. Our editor claims that the last exciting tuner he came across had also been a Magnum, the model Etude. Before the Magnum, the only tuner kicking his fancy had been the now discontinued McIntosh MR-80.

It's relatively easy to get a tuner which brings in your local stations; and if one uses a radio to listen to the news and weather reports, the quality matters little. If, however, music is the priority--and we don't mean elevator-type background information--a tuner must perform just as good as any other component in the audio system. Our regular First Reflections columnist Ron Sanders, uses his tuner to listen seriously to classical music. He has had every serious and expensive tuner in his house and finally settled on a vintage Marantz 10 B which went through a thorough tuneup and tweak-up before he settled down and enjoyed the music. Prior to the Marantz, he owned a Magnum, auditioned an expensive Sequerra, played around with antennas and did many other foolish (not to him) things. All that, so he could listen to a difficult-to-get station here in Toronto, namely WNEB, the commercial-free public radio station from Buffalo, N.Y.

The Magnum 108 isn't made for the casual listener, to be sure; it has been built to complement a high-end, highly resolving audio system, regardless of brand name, regardless of solid state versus vacuum tube preferences and, of course, not at all regarding cost. Not many audio enthusiasts can spare the sort of cash required to get this quality of FM programming, but those who can afford this tuner, are buying the best, maybe even a collector's item.

SPECIFICATIONS

| | | |
|--|------------------------|-------------|
| Usable Sensitivity-Mono | 0.7 uV | 9.0 dBf |
| 50 dB quieting-Mono | 2.0 uV | 9.9 dBf |
| 50 dB quieting-Stereo | 2.3 uV | 20.0 dBf |
| Capture Ratio | | 1.5 dB |
| Image Rejection | | 125.0 dB |
| Signal to Noise Ratio | | 80.0 dB |
| Alternate Channel Attenuation - WIDE | | 46.0 dB |
| Alternate Channel Attenuation - NARROW | | 60.0 dB |
| Alternate Channel Attenuation - SUPER NARROW | | 80.0 dB |
| Adjacent Channel Attenuation - WIDE | | 3.0 dB |
| Adjacent Channel Attenuation - SUPER NARROW | | 48.0 dB |
| THD - Mono | | 0.10% |
| THD - Stereo | | 0.10% |
| Stereo Separation | | 50.0 dB |
| AM suppression | | 70.0 dB |
| SCA rejection | | 80.0 dB |
| I.F. Rejection | | 125.0 dB |
| 19 Khz and 38 Khz component rejection | | 75.0 dB |
| Audio frequency response (±1 dB) | 15 Hz - 17 Khz | |
| Balanced Audio Output | | 2.2 V |
| Line Audio Output | | 1.0 V |
| Line power (must be specified) | 120, 220, 230, 240 Vac | |
| Dimensions (inches HWD) | | 5 x 19 x 16 |
| Dimensions (cm HWD) | 12.8 x 48.3 x 40.7 | |
| Weight (lbs/Kg) | | 40/17.7 |
| Power Consumption (Typ./Max) | | 50 W / 100 |



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