

WHF UTILITY DX

DONALD L. BLEVINS 3615 EAST LOMBARD STREET, BALTIMORE, MD 21224-2408 PHONE # 301-522-2089

WHF LITILITY DX...will feature AFA and associated auto clubs. You will note that there are a few non-auto club listings that are included. This list includes lage scale towing operations in metropolitan areas. Individual garages were not included in this list, as the list goes on for about 25 pages or so. Maryland, as you may know, is a smaller state and such has a good page and a half. Although there are more licenses on the other auto emergency frequencied, there is less traffic due to the smaller number of units (ssigned each license. Also note that only a small number of tows are carried out over the radio. AAA is the exception as one central dispatch handles a number of member stations.

-150.92

| KCR-615 | | Alhambra . | |
|---------|-------------------------------|---|------|
| KCY-898 | AAA of Southern Cal | Culver City | CA |
| KCY-898 | AAA of Southern Cal | Gardena | CA |
| WKF-950 | Cal State Auto Assoc | Glen Ellen | CA |
| KQS-607 | Cal State Auto Assoc | Hayward | CA |
| KMK-619 | AAA of Southern Cal | CONTROL DE | CA |
| KV1-488 | Cal State Auto Assoc | Los Angeles | CA |
| KMJ-323 | Cal State Auto Assoc | Monterey Sacramento | CA |
| KAU-987 | AAA of Southern Cal | EXCELLENT FOR THE PARTY OF THE | CA |
| KAU-987 | ARA of Southern Cal | San Diego | CA |
| WSH-565 | Rocky Mountain Motorists Inc | Solana Beach | CA |
| KCF-583 | Connecticut Motor Club | Lakewood | CO |
| KTB-209 | Auto Emerg Radio Serc Corp | Waterbury | CT |
| WSD-792 | Auto Emerg Radio Serv Corp | Daytona Beach | FL |
| KBG-309 | Auto Emerg Radio Serv Cor | North Fort Myers | Mend |
| KEF-946 | Georgia Motor Club | West Palm Beach | FL |
| WXT-687 | Blue Grass Auto Club | Atlanta | GA |
| KQW-361 | M & W Tire Service | Ashland | KY |
| KGW-374 | M & W Tire Service | Bowling Green | KY |
| KQB-465 | Blue Grass Auto Club | Franklin | KY |
| KGW-377 | M & W Tire Service | Lexington | KY |
| KCT-862 | AAA of Maryland | Russellville | KY |
| KCT-862 | AAA of Maryland | Baltimore | MD |
| KLE-659 | AAA of Maryland | Catonsville | MD |
| KFR-425 | AAA of Maryland | Columbia | MD |
| WRQ-604 | Jauion & Sams 24 Hour Towing | Vienna | MD |
| KS1-789 | Official Towing Company | Detroit | MI |
| WRE-649 | Mason Automotive | Warren | MI |
| KEG-884 | AAA of Rochester | Webberville | MI |
| WRM-204 | AAA of Rochester | Rochester | NY |
| KXZ-773 | Miami Valley Auto Club | Rochester | M |
| WRQ-246 | AAA of Central Penn Auto Club | Dayton | OH |
| WKF-843 | Mid State Auto Club | Harrisburg | PA |
| KGC-297 | West Penn Motor Club | Johnstown Pittsburg | PA |
| KBB-314 | AAA of Washington | Bremerton | PA |
| KBB-314 | AAA of Washington - | Issaquah | WA |
| KUE-679 | AAA of Washington | Spokane | WA |
| | | SEAUGHE | WA |

| | Market Control of the | | AR |
|---------|--|----------------------|-------|
| KVA-370 | Arkansas Auto Club Inc | Little Rock | AZ |
| KOL-575 | Arizona Auto Assoc | Phoenix | CA |
| KEX-506 | Auto Club of South Cal | Lancaster | CA |
| KXM-619 | Auto Club of South Cal | Los Angeles | CA |
| KRZ-849 | Cal State Auto Assoc | Modesto | CA |
| KCY-898 | Auto Club of South Cal | Palos Verdes Estates | CA |
| WRB-374 | Cal State Auto Assoc | Port Costa | CA |
| KCY-898 | Auto Club of South Cal | Rancho Palos Verdes | CA |
| KUY-548 | Cal State Auto Assoc | South Lake Tahoe | CO |
| KAL-496 | Rocky Mountain Motorists | Denver | CT |
| KCC-665 | Auto Club of Hartford | West Hartford | CT |
| KCF-583 | Connecticut Motor Club | Wilton | FL |
| KXQ-908 | AAA | Coral Gables | FL |
| KGI-447 | St Petersburg Auto Club | Saint Petersburg | IA |
| WRG-341 | AAA of Iowa | Souix City | IL |
| KNM-876 | Chicago Motor Club | Chicago | IL |
| KLJ-232 | Trentman Service | St Libory | 34.15 |
| KCV-919 | | Springfield | IL |
| WRD-543 | Hazel Dell Service | Springfield | IL |
| MSI-981 | Ressler Truck Service | Marion | IN |
| KJN-719 | Louisville Auto Club | Louisville | KY |
| KLL-553 | AAA | Metarie | LA |
| KCJ-261 | AAA of Maryland | Baltimore | MD |
| WRR-694 | AAA of Maryland | Fredrick | MD |
| WXP-951 | AAA of Maryland | Hagerstown | MD |
| WYG-385 | AAA of Maryland | Salisbury | MID |
| KXF-701 | | Taneytown | MID |
| KCC-244 | | Falmouth | ME |
| WSJ-489 | | Wayndotte | MI |
| KAA-719 | | Bloomington | MN |
| KYK-568 | | Concord | VH |
| KLU-366 | Auto Emergency Radio Service | Manchester | MH |
| | Auto Emergency Radio Serv | Nashua | NH |
| KT1-626 | Auto Emergency Radio Service | Portsmouth | NH |
| KEH-228 | | Jersey City | LIA |
| KUU-593 | Auto Emergency Radio Service | Albuquerque | L/IM |
| WZV-981 | AAA | Las Cruces | LIM |
| KES-964 | Albany Auto Club | Albany | MA |
| KED-382 | Auto Club of Western NY | Buffalo | MY |
| KBL-227 | Auto Club of Syracuse | Syracuse | NY |
| KQE-560 | Columbus Auto Club | Columbus | OH |
| KUH-918 | Boutwell Garage | Sherwood | OH |
| KVT-581 | Auto Club of Oklahoma | Tulsa | OK |
| KZF-809 | Jack's Auto Service & Towing | Eugene | OR |
| KOM-720 | Auto Club of Oregon | Portland | · DR |
| KGM-605 | | Springfield | OR |
| KGE-671 | Erie County Auto Club | Erie | PA |
| WSC-472 | Jordens Sunoco Service | Mars | PA |
| KGF-875 | | Philadelphia | PA |
| KGC-297 | West Penn Auto Club | Pittsburg | PA |
| KJC-265 | | York | PA |
| KAT-627 | 999 | Fort Worth | TX |
| WRM-469 | | Lynchburg | VA |
| KIL-634 | | Richmond | VA |
| KDW-840 | Auto Club of Virginia | Roanoke | VA |
| KBB-314 | | Bremerton | WA |
| KBB-314 | Auto Club of Washington | Issaguah | WA |
| KBI-985 | Inland Auto Assoc | Spokane | WA |
| KUE-679 | Inland Auto Assoc | Spokane | WA |
| | 2007-10-07 MECES - WESTER | Se Au mile | LOR'S |

| /. | 50. | 965 |
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| KYR-714 | Auto Emergency Radio Serv | OKlahoma City | ΘK |
|-----------|---------------------------|----------------|----|
| K0M-72Ø | Auto Club of Portland | Pontland | ₽R |
| KGC-297 | West Penn Motor Club | Pittsburg | PA |
| KGG-684 | Keystone Auto Club | Wyancote | PA |
| KJC-265 | White Rose Motor Club | York | FA |
| KMA-729 | White Rose Motor Club | York | FA |
| KMA-738 | White Rose Motor Club | York | PA |
| KMA-731 | White Rose Motor Club | York | PA |
| KMA-732 | White Rose Motor Club | York | PA |
| ผรн~562 | B & D Body Shop | Travelers Rest | SC |
| K.IF-543 | Southwest Motor Club | Dallas | TX |
| KDC-883 | Broadway & Roy Towing Ser | ~Seattle | MA |
| KNR.1-790 | | | ии |
| WZT-907 | Doug's Motor Sales & Wree | | WV |
| | | | |

Pat Dyer SON ANTONIO Reports:

| 01-14 | 1739 | HC2FG | 50.99 | Guayaquil, Ecuador | Beacon | |
|----------------|------|---------|--------|--------------------|----------|-----------------|
| 02-06 | 1516 | | 31.35 | Argentina | Medical | Pager |
| 02-07 | 1514 | | 40.45 | | | |
| 02-08 | 1307 | PJ2DEW | 50.11 | Curuco, N.A. | Amatuer | |
| 05-08 | 1557 | MASVUN | 50.11 | New York, NY | Amatuer | |
| 02-03 | 1728 | HC2FG | | | | |
| 95-68 | 1822 | KHGIAA | 50.113 | Hilo, HI | Amatuer | |
| 02-08 | 1848 | KH6IJ | 50.109 | Honolulu, HI | Amatuer | |
| 92-98 | 1918 | HC2FG | | | | |
| 02-08 | 2014 | HC5KA | 50.103 | Ecuador | Amatuer | |
| 92 <i>-</i> 98 | 2256 | HC2FG | | | | |
| 02-03 | 1430 | KDA-282 | 33.90 | | | |
| 02-09 | 1507 | KUE-698 | 33.70 | Eagleville, PA | Montgame | ery County Fire |
| 02-09 | 1533 | | 35.28 | Argentina | Medical | Pager |
| 02-10 | | | 35.28 | Argentina | Medical | Pager |
| 02-11 | | | 35.28 | Argentina | Medical | Pager |
| Ø2-!2 | 1240 | | 35.28 | Argentina | Medical | Pager |
| Ø2 - 13 | | | 37.62 | Argentina | Medical | Pagen |
| Ø2-14 | | | 35.28 | Argentina | Medical | Pager . |
| 02-15 | 1318 | | 31.35 | Argentina | Medical | Pager |
| 02-SI | | | 31.35 | Argentina | Medical | Pager |
| 05-55 | | | 32.68 | Argentina | Medical | Pager |
| 02-23 | | | 32.68 | Argentina | Medical | Pager |
| 02-24 | | • | 32.68 | Argentina | Medical | Pager |
| 92-25 | | | 32.96 | Argentina | Medical | Pager |
| 95-56 | | | 32.96 | Argentina | Medical | Pager |
| 95-58 | | | 31.35 | Argentina | Medical | Fager |
| 03-01 | | | 35.28 | Argentina | Medical | Pager |
| 93-95. | | • | 37.62 | Argentina | Medical | Pager |
| 03-03 | | | 32.95 | Argentina | Medical | Pager |
| Ø3-94 | | | 35,28 | Argentina | Medical | Pager |
| 03-05 | | | 35.28 | Argentina | Medical | Pager |
| 93-96 | | | 35.28 | Argentina | Medical | Pager |
| 23- 9 7 | | | 39.64 | Argentina | Medical | |
| 33-08 | | | 39.64 | Argentina | Medical | Påger |
| 03-09 | | | 35.28 | Angestina | Medical | Pager |
| 93-10 | 1410 | | 28 20 | Shisertina | Medital | Pager |
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| WRL-989 | Auto Club of Stuth Etl | Costa Mesa | CA 😜 |
|--|--|--|-------------------|
| WRL-989 | Auto Club of South Cal | Laguana Hills | CA ' |
| KMK-619 | Auto Club of South Cal | tos Angeles | · CA |
| KUI-488 | Cal State Auto Assoc | Monterey | CA . |
| | | | CA |
| WRL-989 | Auto Club of South Cal | Newport Beach | |
| KMF-828 | Cal State Auto Assoc | Santa Clara | CA: |
| KW0-492 | Cal State Auto Assoc | Santa Cruz | CO- |
| WRL-989 | Auto Club of South Cal | South Laguana | CA [|
| KGU-645 | Cal State Auto Assoc | Walnut Creek | ⊝A } |
| KUZ-748 | Rocky Mountain Motorists | Colorado Springs | |
| | | | |
| KCF-583 | Connecticut Motor Club | Hamden | , |
| MG I -533 | Connecticut Motor Club | Wilton | or 5 |
| WSN-391 | AAA Delaware Motor Club | Newark | |
| KBQ-287 | Peninsula Motor Club | Sarasota | FL O |
| KTB-260 | Peninsula Motor Club | Winter Park | FL ' |
| | | | GA 9 |
| KEF-946 | Georgia Motor Club | Atlanta | |
| KWO-414 | Fredrickson AAA | Idaho Falls | 10 5 |
| KZA-262 | Euclid & 53 Service Inc | Rolling Meadows | IL |
| K IM-974 | Eugene De Bartolo DBA | Wheeling | IL I |
| K0N-843 | AAA | Brookline | MA |
| | | | MA |
| KLW-284 | Tri-County AAA | Holyoke | |
| KLG-673 | AAA | Somerville | MA { |
| KNAE-733 | Maine Auto Assoc | Manchester | ME |
| WZC-610 | Skip's Towing | St Clair Shores | MI / |
| WRE-338 | Tuelve & Shoenherr Towing | g Warren | MI . |
| | | | NY |
| KAA-484 | | Buffalo | |
| KSC-774 | Auto Club of New York | New York | NY |
| KCZ-805 | Cincinnati Auto Club | Cincinnati | он Т |
| KGC-297 | West Penn Motor Club | Monroeville | PA } |
| WQG-759 | Reading Berks Auto Club | Mount Penn | PA |
| | Reading Berks Auto Club | Reading | PA : |
| | | _ | PA |
| WQG-764 | | Reading | |
| ₩ Q G-848 | Reading BerKs Auto Club | Reading | PA |
| WQG-760 | Reading Berks Auto Club | Shillington | PA [|
| ₩ 06-763 | Reading Berks Auto Club | Sinking Springs | PA |
| ₩QG-761 | | Wernersville | PA I |
| | | Myomissing | PA 🚣 |
| ₩QJ-849 | Reading Berks Auto Club | pay 011133 1119 | • |
| | | | |
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| KOL-575 | Arizona Auto Association | Phoeniu 07 | |
| KOL -575 | Arizona Auto Association | | |
| WRL-989 | Auto Assoc of South Cal | Anahiem CA | |
| WRL-989 WRM-989 | Auto Assoc of South Cal Auto Assoc of South Cal | | <u>~</u> |
| WRL-989 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal | Anahiem CA | < , |
| WRL-989 WRM-989 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal | Anahiem CA Fullerton CA Los Angeles CA | 4 |
| WRL-989 WRM-989 KMK-619 WRL-989 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA | \ |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-956 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA | * |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA | |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO | |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA | (|
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO | |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC | |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 WZT-846 KTM-975 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford -9AAA | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL | |
| WRL -989 WRM-989 KMK -619 WRL -989 KMF -828 KTK -699 KJI -591 WZT -594 KTM -975 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL | |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 WZT-846 KTM-975 WYK-577 KTB-253 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL | |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 WZT-846 KTM-975 WYK-577 KGI-447 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL | 150:0 |
| WRL - 989 WRM - 989 KMK - 619 WRL - 989 KAS - 950 KMF - 828 KTK - 699 KJI - 591 WZT - 846 KTM - 975 WYK - 577 KTB - 253 KFO - 611 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL Lincoln IL | 150.9 |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KJI-591 WZT-846 KTM-975 WYK-577 KTB-253 KGI-447 KFO-611 KGL-973 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA Grave's Towing | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL | 150.9 |
| WRL - 989 WRM - 989 KMK - 619 WRL - 989 KAS - 950 KMF - 828 KTK - 699 KJI - 591 WZT - 846 KTM - 975 WYK - 577 KTB - 253 KFO - 611 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL Lincoln IL | 150.96 |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 WZT-846 KTM-975 WYK-577 KTB-253 KGI-447 KGL-973 KBJ-279 | Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA Grave's Towing | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL Lincoln IL Springfield IL | 150.96 |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 WZT-846 KTM-975 WYK-577 KTB-253 KGI-447 KFO-611 KGL-979 KNCC-262 | Auto Assoc of South Cal Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA Grave's Towing Robin Hayes DBA Smith's Service | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL Lincoln IL South Holland IL Springfield IL Forest IN | 150,965 |
| WRL-989 WRM-989 KMK-989 KAS-950 KMF-828 KJI-591 WZT-846 KTM-577 KTB-253 KGI-447 KGL-973 KBJ-279 KNCC-262 KVJ-418 | Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA Grave's Towing Robin Hayes DBA Smith's Service Hoosier Motor Club | Anahiem CA Fullerton CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL Lincoln IL South Holland IL Springfield IL Forest IN Indianapolis IN | 150.965 |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 WZT-846 KTM-977 KTB-253 KGI-447 KFC-611 KGL-973 KBJ-279 KNCC-262 KVJ-418 KJN-719 | Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA Grave's Towing Robin Hayes DBA Smith's Service Hoosier Motor Club Louisville Motor Club | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL Lincoln IL Springfield IL Forest IN Indianapolis IN Louisville KY | 150.965 |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 WZT-846 KTM-975 WYK-577 KTB-253 KGI-447 KFO-611 KGL-973 KBJ-279 KNCC-262 KUJ-418 KJN-719 KLL-553 | Auto Assoc of South Cal Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA Grave's Towing Robin Haves DBA Smith's Service Hoosier Motor Club Louisville Motor Club AAA | Anahiem CA Fullerton CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL Lincoln IL South Holland IL Springfield IL Forest IN Indianapolis IN | 150.965 |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 WZT-846 KTM-975 WYK-577 KTB-253 KGL-979 KRD-279 KNCC-262 KVJ-418 KJN-719 KLL-553 KCS-690 | Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA Grave's Towing Robin Hayes DBA Smith's Service Hoosier Motor Club Louisville Motor Club | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL Lincoln IL Springfield IL Forest IN Indianapolis IN Louisville KY | 150.965 |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 WZT-846 KTM-975 WYK-577 KTB-253 KGI-447 KFO-611 KGL-973 KBJ-279 KNCC-262 KUJ-418 KJN-719 KLL-553 | Auto Assoc of South Cal Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford AAA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA Grave's Towing Robin Haves DBA Smith's Service Hoosier Motor Club Louisville Motor Club AAA | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CO West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL Lincoln IL South Holland IL Springfield IL Forest IN Indianapolis IN Louisville KY Metairie LA | 150,965 |
| WRL-989 WRM-989 KMK-619 WRL-989 KAS-950 KMF-828 KTK-699 KJI-591 WZT-846 KTM-975 WYK-577 KTB-253 KGL-979 KRD-279 KNCC-262 KVJ-418 KJN-719 KLL-553 KCS-690 | Auto Assoc of South Cal Cal State Auto Assoc Cal State Auto Assoc Rocky Mountain Motorists Auto Club of Hartford ANA Auto Emergency Radio Serv Jack's Gulf Auto Emergency Radio Serv St Petersburg Motor Club Authur P. Neitzel DBA Grave's Towing Robin Hayes DBA Smith's Service Hoosier Motor Club Louisville Motor Club AAA AAA of Rhode Island | Anahiem CA Fullerton CA Los Angeles CA Norwalk CA San Rafael CA San Rafael CA Denver CD West Hartford CT Washington DC Fort Lauderdale FL Fort Myers FL Jacksonville FL Saint Petersburg FL Lincoln IL Springfield IL Forest IN Indianapolis IN Louisville KY Metairie LA Fall River MA Worcester CA CA San Rafael CA | 150.965 |
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TECHNICAL TOPIX: all about S-meters, part 2

Last time, this article explained in some detail how the AFC and AGC voltages are derived in TV and radio receivers. As a review, and to summarize, here is a quick discussion about the FM detector. Later on, the practical uses for S-meters will be covered. A few words will also be given to the design of a simple meter circuit.

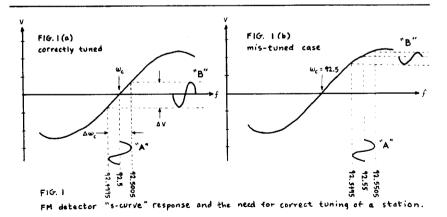
The discriminator, or FM detector, is a frequency-to-voltage converting circuit and an integral part of all FM receivers commonly used for DX. There are three basic forms, viz. the envelope detector, the ratio detector, and the Foster-Seeley type detector. (These were shown in Fig. 3 of Part I of this article.) All those circuits produce an AC voltage that is proportional to the frequency of the incoming signal, as illustrated in Figure 1. Remember that the carrier frequency of an FM signal varies with the audio program, so if the circuit can produce a voltage change (which can be amplified and fed to a speaker) that corresponds to an input frequency change, it should serve as an acceptable FM demodulator.

Figure 1 is the "s-curve," or response characteristic of the detector, with frequency on the horizontal axis and voltage along the vertical axis. As an example, imagine that WIFI broadcasts a 1000 Hz tone. WIFI is at 92.5 MHz on the dial, so the radio is tuned to 92.5. (The local oscillator is tuned at the same time to 92.5 + 10.7 = 103.2 MHz, and the output from the mixer is at 10.7 MHz. But for simplicity, pretend that the detector operates at the tuned channel rather than at 10.7 MHz.) WIFI's carrier is centered at 92.5, but is actually varying from 92.4995 to 92.5005 MHz since a l kHz tone is broadcast. This is entered on Fig. 1(a) as a change in carrier frequency, $\Delta\omega_c$, and labeled "A." This is projected on to the curve and read at "B" as a voltage, Δ V, which corresponds exactly to the changing frequency. Thus, the 1000 Hz tone is recovered from the broadcast, as Δ V can be amplified and applied to a loudspeaker somewhere in Philadelphia.

Now imagine the detector is set permanently to 92.5 MHz. (It is in reality set at the I.F. of your receiver: 10.7 MHz for FM and 45 MHz for TV.) If the receiver is detuned upward, say, to 92.55 MHz, notice in Fig. 1(b) how the audio voltage

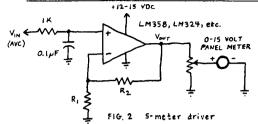
appears again at "B," but is now riding on a positive DC level. This DC is useless for the audio system, but it can be used for AFC and to operate a centertune meter. The distortion shown is quite qudiable in a loudspeaker.

Apparently the best place to tune the radio is to that part of the s-curve that is the most linear, which is also where the AFC voltage is zero. One can imagine from Fig. 1 that as the tuner is tuned farther away from center, the detector will not be operated in the linear part of its curve, and the audio voltage out sounds distorted.



In Part I of this article, some general but universal guidelines were offered for finding the AFC and AGC voltages in a radio or TV set. The simple process of probing around the parts and transistors (or tubes) labeled as "detector," "AVC," "discriminator," "limiter," or some combination of those terms, will quickly yield the voltages needed for S-meters and tuning meters.

It was mentioned that direct connection of a panel meter to a point inside your receiver where these voltages are available will probably upset the operation of same. Thus, a circuit must be wired up to enable the low impedance of a panel meter to interface with the receiver. Figure 2 shows one of many possible ways to accomplish this. (...this method being considered the most foolproof and simple.)



- · POWER CAN BE TAKEN FROM RECEIVER'S POWER SUPPLY, OR BATTERIES.
- ADJUST POTENTIOMETER TO AVOID SLAMMING METER'S NEED F
- PARTS VALUES ARE NOT CRITICAL.

 MEASURE VOLTAGE FROM RADIO FOR

 STRONGEST SIGNAL, CALCULATE R, & R,;

 $V_{OUT} = V_{IN} \left(1 + \frac{R_2}{R_1}\right)$

* ANY PANEL METER WILL DO, I.E. RADIO SHACK #270-1754

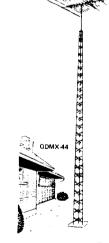
Once your homemade S-meter is connected and operational, some type of calibration is in order. Here is where those who already have Signal meters can join the discussion. A calibration proceedure will be described, and then some words concerning the limitations of signal indicators.

Of course, if you have access to a professional, big-time, whizgig field strength meter, it would be nice to calibrate your own S-meter in actual measured microvolts. Slightly more likely will be the chances of knowing of a lab where you can hook up a good RF generator. If the generator has a calibrated output level, then it is a simple matter to draw a graph of generator output voltages versus S-meter readings.

Most likely, though, will be that one has, or has access to, some attenuators. In the October, 1977 VUD, Dave Janowiak outlines a method of calibration using inline attenuators. This is recommended because it is the most accessible to DX'ers and because, while having an S-meter scaled off in µV is nice, it is really the changes of signal, or the relative readings that are most useful.

The way to do this is to start with the TV on a strong, local signal. Record your meter reading or measured voltage. Now insert a 3dB attenuator and record the reading. Repeat with 6, 12, and 20 dB attenuators (or whatever is available). Label all of this "trial 1," change the TV to a somewhat weaker, semi-local channel, and repeat the experiment. It may be worthwhile to repeat the experiment again on a 3rd channel. The results of these experiments are a table from which one can figure relative signal changes. Use the formula dB = 20 log V . For example, the AGC voltage may have dropped from 3.1 volts with a 3 dB attenuator to 1.4 volts with the 12 dB attenuator. This implies that when the S-meter reading drops 1.7 V, the incoming signal is 9 dB less, or 1/2.82 as strong. A 6 dB increase is a doubling of signal; a 6 dB loss is a halving. It is a very useful exercise to draw a graphical version of your table.

Now a word is in order about the accuracy of the typical S-meter. Ideally, the home-built S-meter will be measuring a circuit voltage which varies proportionally with RF level. But remember...a tuner or TV must process a wide variety of signal strengths. That far away, low-powered station may only show up as 5 mV at your antenna terminals, while the local powerhouse may induce 50,000 µV or more of signal in your antenna. That's five orders of magnitude difference, meaning that if the S-meter's needle responds to the local signal, then the far-off signal which is 10,000 times weaker won't cause any perceptible movement of the needle on a linear S-meter. Thus, the meters built into equipment are usually logarithmic, or at least sort of logarithmic. Professional field strength meters usually have some means of selecting the range of measurement so that meaningful readings can be made. The circuit voltage monitored by a homemade S-meter as described in this article will almost always be logattitude, and quite useful without further scaling.





An S-meter provides a neat visual display of propagation conditions. The signal bounced off an ionospheric patch will cause an S-meter to swing wildly back and forth during an Es opening. The distinctive flutter of other types of scatter heard in the speaker are soon associated with behaviour of the meter. The relative strengths of tropo openings can be observed on the S-meter.

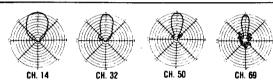
KJBR-101.9 is 105 miles to my NW in Jonesboro, AR, with 100 kW power and 150 ft. HAAT. My own antenna is a Finco FM-5 at 20 feet. Between here and there is very flat land crossed by the Mississippi River. I can usually see the effects of ground thermals on my S-meter. They cause the normally stable signal of KJBR to flutter between zero and several hundred μV , almost like E skip.

Preamp gain of your system is quite easily calculated, assuming your S-meter has a linear scale. (If it doesn't, and you did not make up a graph as described in the calibration paragraphs, your home-brew or factory meter can still provide very useful information on a comparison basis.) Simply take a reading of a reliable station with the preamp ON and connected, and another reading with the preamp OFF or bypassed. The preamp gain may be calculated by:

GAIN = 20 log
$$\frac{\text{reading with amp ON}}{\text{reading with amp OFF}}$$

if the reading is made on a linear scale. Using an S-meter to judge preamp performance is best suited for making comparison between different models given the same TV channel or radio station, and for observing the deterioration of performance of one preamp over time (as it ages out of adjustment, etc.).

Another useful use of the S-meter is that of checking the response of an antenna. The object here is to produce a pickup pattern chart such as is supplied in antenna literature and advertisements.



CHARTS FOR WINEGARD
"PROSTAR" TV ANTENNA,
MODEL PR-960,
Best Gain: 14.54B (ch. 50)
Beamwidth: 21° (ch. 67)

F/B ratio: 20dB (ch. 14-50)

On the next page the reader will find reproduced a polar chart I drew up for the purpose of gauging my antennae performance using a rotor and a home-brew S-meter installed in a Pioneer F-5 tuner, with a scale of 1 to 10. There are ten concentric circles for the S-meter readings, and radials for every 15 degrees around the compass. Start by choosing a station your antenna is capable of bringing in at clear, consistent strength AND capable of nulling when rotated to the appropriate location. Then, starting at some point on the compass, read the level of signal according to your S-meter and draw this on the chart. Rotate the antenna 5 or 10 degrees and record the S-meter reading. Repeat this proceedure all the way around back to your starting point, connect the dots on your graph, and (voila!) you have a polar plot.

Besides the basic pickup pattern, this plot tells you the front-back ratio, front-side ratio, and the directivity (or more technically the "half-power beamwidth") of the antenna. If the antenna pickup 180 from the station is very small (as it should be!), the antenna has a good F/B ratio, which is calculated simply enough by dividing the signal reading 180 off into the maximum (head-on) signal reading. To express this ratio in dB, just take the log and multiply by 20, as before. The relative fatness of the main "lobe" gives you a feel for the beamwidth. Here the normal convention in the literature is to measure the angle (on this plot) between the points where the measured signal level is 0.707 times its maximum (that is, 3 dB down). If you really want a surprise, make three plots--one each for three stations located far apart in frequency. Choose a station close to midband and one at each end and notice how antenna performance changes with frequency.

It is possible to check the actual gain of an antenna system in the same way the manufacturers do it by comparing your antenna to a "reference dipole." This is a simple, half-wave dipole antenna of the same impedance as your DX antenna. Take a signal reading of a non-fading station at or close to the frequency for which the reference dipole was cut. Then connect the DX antenna and take a signal reading on the same station. The gain equation used before can then be used to figure antenna gain. If one repeats this experiment for different stations one will find that gain also varies with frequency. When the manufacturer claims a 12 dB gain, he is saying that at the BEST frequency, the antenna intercepts 4 times as much signal as a reference dipole at that frequency.

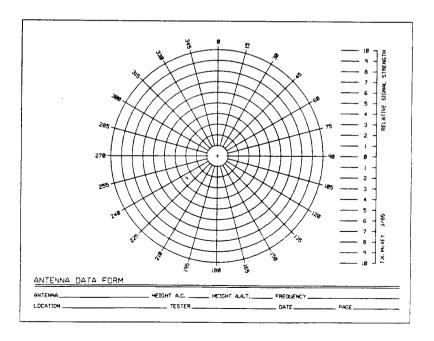
Thus a UHF TV antenna with a "super" 18 dB gain at channel 20 may be weak at channel 30, and have no gain at all at channel 40. Some antennas may actually be found to have a loss, or negative value of gain, at some frequencies. The famous Co-Tanger Antenna for All Bands exhibits this kind of performance, as do some notorious makes of "indoor amplified" antennas and "rabbit ears."

The limitations of the polar plot experiment are, again, going to come up if a non-linear S-meter scale is used. The limitation is that your plot will be a bit distorted compared with the plot which would be obtained using a field strength meter. This will also cause a small disagreement in values of beamwidth and F/B ratio calculated compared to professional measurement. But again, it is the RELATIVE merits which we are interested in 90 per cent of the time, and for this, our S-meter will be quite sufficient, if not quite accurate.

No doubt the reader can come up with more uses for the signal meter than appear in this article. In one magazine I found there was a list of twenty uses that read as follows: 1 - Orienting an antenna; 2 - Measuring relative signal levels; 3 - Balancing channels out of CATV headends; 4 - AGC settings and measurements; 5 - Setting tap isolation, splitters, amplifiers, etc.; 6 - Measuring insertion loss; 7 - Measuring gain of amplifier; 8 - Determining the tilt compensator and line-amp location; 9 - Measuring total signal input to prevent overload or cross-modulation; 10 - Identifying interfering signals; 11 - Tuning taps; 12 - Monitoring relative field strength; 13 - Visual observation of carrier modulation; 14 - Measuring direct signal pickup; 15 - Stacking and phasing antennas; 16 - Measuring subchannel signals in institutional TV systems; 17 - Measuring frequency response; 18 - Measuring SWR; 19 - Locating cable faults; 20 - Measuring noise figure.

Hopefully the reader is by now aware of some of the uses of S-meters, how to wire one into a TV set or radio, what exactly they do, and what their limitations are. Of course, most of the better tuners used in DX'ing already have S-meters which serve our purposes quite well. On the other hand, there is a lot of DX'ing on TV sets and stereo-hi/fi equipment that offer good DX performance but crummy or non-existent signal meters. Folks with traps, attenuators, tunable preamps, and such will no doubt improve their ability to catch signals with some thought and a good S-meter.

73...Tim McVey
Route 3, Box 568
Bolivar. TN 38008-9556





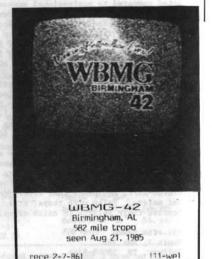
TO-NEWS David J. Nieman 12284 Nice Road Akron, NY 14001

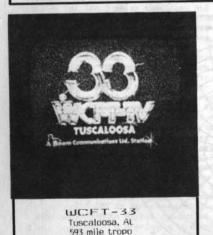
continued from May William Eckberg - Dixon IL

Equip.: 1966 Zenith b&w tube receiver ch 14N22, modified Zenith 175-1953 detented tuner. Channel Master (CM) 1110 VHF antenna. CM 7' UHF parabolic antenna w/t Winegard PA4975 pre-amp on a 40 foot tower.



KLRT-16 Little Rock, AR 503 mile tropo seen Jul 19, 1985 "relatively new to the air" 19-wel rece 2-7-861



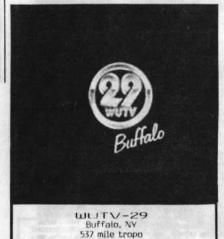


seen Aug 21, 1985

"relatively new to the air"

PPP 2-7-861





Bill Eckbera's photo file continues......

seen Sep 1, 1985

rece 2-7-861

113-we1





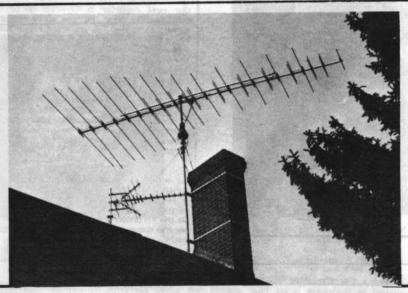
Dur next reporter is Ed Frye (ex of Poughkeepsie, NY). Ed has since moved to sunny California. "as you might recall reading in the VUD, I am moving to Los Angeles this month (letter received 3-7-86). Account the substantial investment I made in the LHF /FM system, I will be taking it with me to California. The Ch-5200 VHF system will remain with my home's new occupants, who, to my pleasure, expressed considerable interest in antennas! During our first six months in L.A., my wife, scn, and I will rent an apartment while we shop for a house. The antenna equipment will be stored for the duration of those six months.

An interesting side note regarding the CH-6065M: It will be going to California in a radically different form from what is pictured herein! When I attempted to fold up the FM antenna's elements, several became damaged (better than my fingers!). Rather than discard the entire assembly. i stripped the antenna of all serviceable parts down to the ocom and built a "new" antenna of my own design

(retaining the Chromstar preamp housing and electrical connections). Freshly repainted in Rustoleum Royal Blue against the silver elements, it will be interesting to see (hear??) if this re-designed antenna performs as well as it looks!"

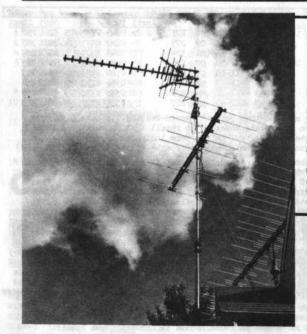


High performance Channel Master MATV preamplifier 7477A is mated with Winegard's top-of-the-line Chromstar UHF antenna, CS-9095. The 7477A's 300-ohm inputs and 75-ohm output eliminates the need for an antenna-mounted balun. Power supply and preamp housings are constructed of heavy-gauge metal.



Winegard VHF CH-5200 (40 feet above ground) with Cornell-Dubilier AR22XL rotator. Channel Master 0065 Antenna Systems amplifier and 0227 CB trap are mounted in roof eave, out-of-view. In the background, winegard UHF CS-9095.

Winegard Chromstar array atop 40-foot Channel Master 1040 Duratube telescoping mast: UHF model CS-9095 and FM model CH-6065M (Modified; boom shortened account manufactured defect). Channel Master 7477A Super Titan preamp is fed with Belden 8285 foam-encased twinlead; CM 9510 rotator directs CS-9095 antenna. CH-6065M antenna is permanently oriented northward for reception of Albany, New York Fm stations; preamp is Winegard AC-2950. Further down the mast, a Channel Master MATV Systems notch trap 0503, tuned to 101.5 mhz, controls overload from nearby WPDH transmitter.



Winegard CS-9095/ Channel Master 9510 rotator/Winegard CH-6065M array in a ground-up installation employing a Channel Master 1040 Duratube telescoping mast. Preamplifiers are CM MATV Super Titan 7477A (UHF) and Winegard Chromstar AC-2950 (FM). in the background, Winegard CH-5200 VHF antenna is atop a Cornell-Dubilier AR22XL rotator.

> If anyone out their in VUD land has any recent equipment. DX or shack pictures and wANT to see them in the July issue; get them in real soon. dave

EASTERN TV.DX

John F. Combs, cheef 2969 Herschel #7 Jacksonville FL 32205 (904) 389-2451 DEADLINE: Da foist

JUNE 1986

"SATISFACTION GUARANTEED OR DOUBLE YOUR DX BACK"

I hate to start off the column with an apology, but here goes. Starting April 27th, I am working day and night for about 8 days straight. Therefore, if you mailed a report that arrived after the 27th, it MAY not be included in this column. I try to be good about honoring the deadline that I have established, but the current situation is unavoidable. If yours is one of the reports that has been delayed....sorry about that.

April Fools' time brought some tropo to the Northeast seaboard. Later in the month. tropo conditions in the South were excellent, as noted by myself and another Florida reporter. We Floridians also caught some off-season E-skip--so welcome after such a long drought!

THOUSANDS OF SATISFIED USERS

30 Day Money-Back Guarantee

| Bob Smolarek | , RD #1 | , Bo | x 63 | Whi | tehouse | Stati | Lon | ı N. | 0888 | 39 | | | | | (EST as: | sumed |
|--------------|---------|------|------|------|----------|-------|-----|---------------------|------|---------|----|---|---------------------|------|----------|-------|
| April 1986 | | | | | | | | | | | | | | | | |
| 1 Tr 2030 W | | | 1 Tr | 2101 | WEDW-49 | CT | 1 | Tr | 2145 | WSMW-27 | MA | 1 | Tr | 2213 | WXNE-25 | MA |
| 2031 W | NUV-54 | MD | | 2105 | .WLVI-56 | MS | | | 2151 | WEDH-24 | CT | | | 2230 | WPMT-43 | PA |
| | VIT-30 | | | 2110 | WTIC-61 | CT | | | 2155 | WHRO-15 | VA | | | 2231 | WEDN-53 | CT |
| | CPB-28 | | | 2130 | WSTG-64 | (MA) |) | | 2200 | WHCT-18 | CT | | | 2300 | WBFF-45 | MD |
| 2045 W. | TVZ-33 | VA | | 2130 | wvjv-66 | MA | | | 2201 | WWLP-22 | MA | | | 2300 | WGBX-44 | MA |
| 2100 W | SBE-36 | RI | | 2134 | WSBK-38 | MA | | | 2206 | WAPB-22 | MD | | | | | |

"This is my first report to Eastern TV-DX. My first love is FM and things were really happening April 1, so I checked UHF-TV and found just about every channel active. I mainly DX on UHF because VHF is almost totally filled with strong locals from NYC and Philly. For some reason no one here in the Central Jersey area can pick up any of the Scranton-Wilkes Barre stations or the upper New York State TV stations...must be too many mountains. When trop comes in it's always Norfolk, Delmarva, and New England."

(I know the Scranton area and upstate NY have been logged in your area, but it's probably a more difficult path than the coastal stuff. Good to have you in the column, Bob! Hope you report again -- ifc)

| Tom Yingling, Jr., 221 | Pinewood Rd., Balt: | imore MD 21222-2345 | | (EST) |
|------------------------|---------------------|---------------------|----------------------|------------|
| April 1986 | April 1986 | Apri | L 1986 | |
| 1 Tr 1900 WLIG-55 NY | 217 1 Tr 1900 W | EDW-49 CT 221 2 Tr | 0043 WTNH-8 CT 2 | 37 |
| 1900 WCVX-58 MA | 360 1930 WI | EDN-53 CT 273 | 0043 WLVI-56 MA 3 | 45 |
| 1900 WSBE-36 RI | 314 1930 W | STG-64 (MA) 324 | 0048 WHCT-18 CT 2: | 24 |
| 1900 WSBK-38 MA | 345 2 Tr 0000 W | VIT-30 CT 254 | 0100 WPRI-12 (MA) 32 | 25 |
| 1900 WLIW-21 NY | 189 0009 W | TXX-20 CT 239 | 0100 WVJV-66 MA 3 | 37 |
| 1900 WTIC-61 CT | 254 0009 WI | HLL-27 MA 326 | 0551 WTIC-61 CT 2 | 5/4 |
| 1900 W59AT NY | 169 0043 Wi | WLP-22 MA 278 | 0551 WVIT-30 CT 2 | 54 |
| 1900 W35AB PA | 85 0043 W | GBB-40 MA 287 | 0551 WTBY-54 NY 2 | 1 5 |

(I'm once again embarassed by my less-than-perfect record-keeping...I have misplaced Tom's comments, which were on a separate sheet. I do recall that he mentioned getting four new loggings in the above opening, yet only 3 were indicated as new in his log. I didn't want to venture a guess as to which was the fourth. Anyway...sorry, Tom--jfc)

WLTZ TV-38

TOM'S EQUIPMENT: Sony Trinitron TV set, 12" color, model KV-1214, model year 1975 Toyomenka TMK-717 Micro-TV 2" AM/FM/SW/TV Teknika-6510 TV tuner & CATV converter Channel Master Quantum-1114 VHF-TV antenna @ 45' Channel Master 3' UHF-TV Corner Reflector model 4193 @ 45'

Finco 5' UHF-TV parabolic dish antenna @ 50' Winegard VHF-TV indoor preamp model BC-234

Winegard UHF-TV outdoor preamp model AC-4990 on corner reflector Winegard UHF-TV outdoor preamp model PA-4975 on parabolic dish Channel Master tuneable high "Q" traps & sound carrier reducers wss-TV Channel Master tuneable high "Q" traps model 7008 for 2-6 and FM. model 7009 for 7-13 and model 7206 for 14-83

Magnavox VHS video recorder model VR8400BK01

"I really do believe that the most optimistic thing about the human race is its relative stupidity. There would be little hope for us if the human race was as bright as it thinks it is and still got itself into so much trouble!"

--Edward de Bono

| EASTERN TV-DX JUNE 1986 | | | | | | | | | |
|-------------------------------------|--|---------------------------|--|--|--|--|--|--|--|
| "Signor Editore," 2969 Herschel #7, | | (904) 389-2451 (EST) | | | | | | | |
| | | 12 Tr 0722 WTVX-34 FL 234 | | | | | | | |
| | 0600 WJHG-7 FL 221 | 0722 WHFT-45 FL 312 | | | | | | | |
| 2258 WOLO-25? SC T | 0600 WXFL-8 FL 174 | 0731 WSRE-23 FL 330 | | | | | | | |
| 31 Tr 0724 WATG-26 (SC) 215 | 0600 WTSP-10 FL 160 | 0734 unID-54 Columbus? | | | | | | | |
| 2128 WTAT-24 SC 216 | 0600 T'see 6/27/40 | (but 38 not in) | | | | | | | |
| 2128 WIYE-55 FL 98 | 0604 unID-26 w/Swaggert | 0736 WPLG-10 FL 313 | | | | | | | |
| (Now on tall tower | 0605 WFSU-11 FL 174 | 0746 unID-14 prob. GA | | | | | | | |
| w/5 megawatts & | 0607 WMBB-13 FL 209 | 0748 WHBR-33 (AL) 355 | | | | | | | |
| in quite often!) | 0614 WPMI-15? AL T | 0755 unID-2 audio of | | | | | | | |
| April 1986 | 0623 WXLT-40? FL T | tone u/WESH | | | | | | | |
| 1 Tr 2249 WTAT-24 SC 216 | 2028 WTSP-10 FL 160 | Es 1710 KSNW-3 KS 1040 | | | | | | | |
| 2249 CCI 2,5 prob. SC | 2132 WEVU-26 FL 277 | (wk/briefnot | | | | | | | |
| 2 Tr 0643 WTOG-44 FL 174 | 2132 WFLX-29 FL 272 | sure if brief op- | | | | | | | |
| 0643 WXLT-40 FL 194 | 2132 WTVX-34 FL 234 | ening or just | | | | | | | |
| 0644 WLTZ-38? GA T | 2133 WXEL-42 FL 272 | tail-end of one) | | | | | | | |
| 0644 WFTS-28 FL 175 | | 25 Es 0854 unID-2 Mexico | | | | | | | |
| | 0715 WPMI-15 AL 355 | XEW Network | | | | | | | |
| 0647 unID-5 "700 Club" | 0715 WFTS-28 FL 175 | 1239 XHRIO-2 TA 1011 | | | | | | | |
| 3 Tr 2155 WTAT-24 SC 216 | 0715 unID-28 not WTGS | 1250 KIII-3? TX T | | | | | | | |
| 4 Tr 2223 WLTX-19 SC 268 | which s/on later | (Missed nice tr this | | | | | | | |
| 2223 WOLO-25 SC 263 | 0716 WFLX-29 FL 272 | AM and also 26th | | | | | | | |
| 2223 WIS-10 SC 270 | | | | | | | | | |
| 6 Tr 0841 WTAT-24 SC 216 | 0716 WBFS-33 FL 312 0716 WDZL-39 FL 313 | AM that LVH caught) | | | | | | | |
| 0 II 0041 #INI-24 50 210 | 0716 WDZI-39 FL 313 | | | | | | | | |

MY OUTSTANDING EQUIPMENT: Sears bargain-basement 12" B&W TV. bunny ears (VHF) and single bow-tie (UHF) both at about 5' AG, indoors. I've since added a Radio Shlock 2-bay bowtie w/reflector.

I should have switched to indoor antennas a long time ago, hi! Nice to get 3 new ones this month and to see some E-skip!! The tropo on the 12th was particularly strong, with WPMI-15 very watchable for 2 hours. It seems the trick to indoor tropo DXing is timingbeing around during those brief periods when the signal peaks enough to become useable. Missed the tropo on the 25th due to working an early store that AM and missed the 26th because I slept in! I hope the early off-season Es is a sign of a good summer season, as I've not yet logged even a small percentage of Es possibilities from Jax.

| Larry | Van F | lorn, 160 | Les | ter Dr | ive, | range | Park FL | 3207 | 73 | | (EST) |
|-------|-------|-----------------|------------|--------|-------|-------|---------|-------|------------|----------------------|---------|
| | 1986 | | | | Apri: | 1986 | | | | April 1986 | |
| | | WCBD-2 | SC | 226 | 14 T | 0830 | W57AN | FL | 75 | 25 Es 1216 XHRIO-2 | TA 1006 |
| | | WIYE-55 | FL | 91 | | - | (Ocala | WCJ | лв-20) | | TX 974 |
| | | WLTX-19 | SC | 277 | | 0840 | WMGT-41 | GA | 208 | 1245 unIDs-5.6 | briefly |
| 5 Tr | | <u> WTGS-28</u> | SC | 156 | | 0851 | WTWC-40 | FL | 1 51 | | TX 1220 |
| | | <u>WTAT-24</u> | SC | 225 | | 0852 | WTXL-27 | FL | 149 | | TX 1016 |
| | | WFMY-2 | NC | 408 | | 0856 | WUSF-16 | FL | 185 | Tr 2320 WMPV-21 | AL 347 |
| | | WCSC-5 | | 225 | 25 T | 0715 | WALA-10 | AL | 362 | | FL 207 |
| 10 Tr | | WCLF-22 | | | | 0739 | WJTC-44 | (AL) | 347 | 0725 WEVU-26 | FL 269 |
| | | UHF ant | ins | talled | .) | 0745 | WMAH-19 | ? MS | T | 0745 WPMI-15 | AL 353 |
| 11 Tr | | WPEC-12 | FL | 257 | | 0745 | WSRE-23 | FL | 328 | | AL) 353 |
| | | WBFS-33 | | 306 | | | WPAN-53 | | | 0755 WFSU-11 | |
| | | WDZL-39 | | | | | WPMI-15 | | | | |
| | | WBBH-20 | FL | 232 | E | | Start o | | | Current totals: 72 s | |
| 14 Tr | | WHMC-23? | SC | T | | 0900 | unID-2 | ABC C | ST | 40 UHF, 1 xltr, 9 | |
| | | wjka-26 | NC | 343 | | 0912 | unID-2 | SS Me | xico | 9 US States, 1 Can | |
| | | WFTS-28 | FL | 166 | | , | Educat | | | Province, 1 Mexica | |
| | | WTOG-44 | $_{ m FL}$ | 165 | | 1004 | unID-2 | XEW N | let | 11 Total political | units. |
| | 0828 | WVGA-44 | GA | 118 | | 1205 | unID-2 | "Sort | otec" | | |

IT'S TV GUIDE TIME!! Now is a good time to exchange TVGs with Other DXers in anticipation of summer E-skip. Both myself and Larry Van Horn are more than willing to exchange a Northern FL Edition for your local TVG!

WHAT STATE TO LOG?? Here is a list of U.S. TV stns that have their city of license in one state and their xmtr in another. The state is () is the xmtr site. (NOTE: WAVE-3 has a CP to move their xmtr into KY. WSBE-36 is the only RI stn with a xmtr actually in RI.)

| | | | | ٧A | (TN) | WTRF-7 | W۷ | (OH) | WHYY-12 DE | (PA) | So much for planning |
|--------|------------------|------|--------|----|------|---------|----|------|------------|------|----------------------|
| WAVE-3 | | | | | | | | (NH) | | (sc) | aheadI'm out of |
| | | | | | | ksnk-8 | NE | (KS) | WPRI-12 RI | (ma) | room and the rest of |
| KLEW-3 | ID | (WA) | WLNE-6 | MA | (RI) | WOR-9 | NJ | (NY) | WFIE-14 IN | (KY) | the list will run as |
| KTV0-3 | | | | ΤX | (LA) | WJAR-10 | RI | (AM) | WKPC-15 KY | (NI) | space permits! It's |
| WTVY-4 | $^{\mathtt{AL}}$ | (FL) | KHQA-7 | MO | (IL) | WHAS-11 | ΚY | (IN) | WTAP-15 WV | (OH) | been real |

anare Update

VACATION TIME

A few months before, I said I was planning a trip to Italy. Well, the plans were changed, but not for the reason everyone expects. I am not afraid to fly to or travel around Europe. It is still much safer than the street I walk down to get to work. Our plans were changed because we realized the house was much more comfortable in the winter with a heating system that worked.

So now you may ask, where are we going now? Well, by the time you read this, the question should be, where did you go? Cape Cod, Cape Ann and Portsmouth N.H. With the usual clothes, tooth brush and radio, I'll be packing a new toy. For my birthday, my wife got me a 5 inch portable TV set. It is great. I can TV DX from anywhere. No longer will I be hampered by motel TV's connected to the Cable or lacking a UHF antenna. I can survey the local TV stations while at a rest stop. I can search for LPTV's while my wife drives. The possible uses while on vacation are endless. It is much better than a TV sound radio and not much more expensive.

If you go on vacation this summer, please report what you've heard or seen. Maybe, while you are 300 miles away from home, you might have a good opening that doesn't exist at home. Or, you could log a station or LPTV that has just gone on the air. Even a survey of conditions in the area you have visit will be of interest to many. If you are going abroad, I know many members would be interested in a report on radio and television in the countries you visit. Let us enjoy a piece of your vacation.

Do you want something interesting for the weekend of July 18, 19, and 20? How about attending ANARCON 'S6. This year's convention will take place at the Holiday Inn, Place Dupuis, in Montreal. There is a \$20 registration fee. The room rate is \$65 a night for a single or a double, and \$70 or \$75 for a triple or a quad. If you do not have a partner or you want to be in a triple or a quad, they will find you a roomie. The annual ANARC Awards banquet is \$25 a person. There will also be a bus tour of Montreal and a Harbor Sunset Cruise.

Some of the things on this year's agenda include the usual club ,equipment and station displays, an Opening wine and cheese reception, and the ANARC auction. Several special programs are planned. These include the taping of two Radio Canada International programs, seminars on Shortwave jamming, WARC 1984 and WARC 1987. Special guests include Jonathan Marks of Radio Netherlands, and Andy Sennitt of the World Radio-TV Handbook. The guest speaker at the banquet will be Arthur Cushen. Arthur is a well known Shortwave moniter, and a frequent contributor to Radio Netherland's Media Network Show.

Looking at the Convention Program, it looks like one of the best conventions yet. I hope to see many WTFDA members there this year. For more info, write to: ANARCON '86, c/o Radio Canada International, P.O. Box 6000, Montreal, CANADA, H3C 3A8. Write today, your reservation must be in by June 25th.

I heard from Glenn Hauser, who gave me the latest schedule of his program World Of Radio. It is one of the best DX programs on the air. It is a show that I never miss. Glenn often uses the VUD as a source of information on his show. He is heard on several stations around the country. Here is the latest schedule: WHUS 91.7 Storrs CT-Thurs 9:30 am, KCBI Dallas 11735 kHz-Fri 2 pm CDT, WENO Worldwide New Orleans 6185 kHz-Fri 10 pm CDT, WPKN 89.5 Bridgeport CT-Sat 3:30 pm, WRNO Worldwide 9852.5 kHz-Sat 6:30 pm CDT, KUWR 91.9 Laramie wy (and translators in CO and Wy)-Sat 9 pm, WRNO Worldwide 9715 kHz- Sun Sam CDT, and finally, KCBI Dallas (National radio of Texas)

11735 kHz- Sun 12:30 pm CDT. This schedule may change without notice. Well, that is it for another month. Best of DX this summer.

STEVEN P. SPRACHMAN

WESTERN TV-DX

Fred McCormack Box 5221 State University Sta. Fargo, ND 58105

June 1986

Deadline: 7-10-86

Hopefully as you read this, we have been experiencing an active E skip season, and you have a log book full of DX to submit. E skip was first noted here in Fargo today, the 10th of May. This was preceded by a number of days of auroral activity. In fact, I may be missing DX as I prepare this column!

This month we welcome Frank Merrill to the column with his lengthy report detailing his catches since moving to Macomb, Illinois last fall. Jeff Kadet, the other Macomb DX'er, also submits his loggings since last fall. Rounding out the column is Pat Dyer's report from Texas where E skip began in earnest the last week of April.

New New Mode Tent. - t Unidentified - unid S/On - + S/Off - = ID Color Bars - @ Unid Color Bars - % IHTP - ϕ Misc. Test Patterns - &

CH - Chihuahua

NL - Nuevo Leon

PU - Puebla

TA - Tamaulipas

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (WA5IYX)

aam

Equipment: 1980 model Penncrest 9" black and white, Archer V-100 and eight bay bow tie UHF array at 20 feet with rotor.

| April 1986 | | | | | |
|--------------|----------------------------------|--------------|----------------------------------|---------|---------------------------------------|
| 7 tr 2200 | KCBD 11 TX 340 | 14 tr 0457 | WGNO 26 LA 510 | 25 tr 1 | |
| | KOSA 7 TX 275 | 18 tr 0025 | XHX t 10 NL | | 457 WUNCL 4 NC |
| 2201 | KMID 2 TX 280 | 23 tr 2152 | KADN 15 LA 395 | 1 | 459 WUND 2 NC 1360 |
| 2346 | KLBK 13 TX 340 | 2158 | KVHP 29 LA 325 | | WFMY 2 NC 1175 |
| 8 tr 0045 | KTPX 9 TX 295 | 2202 | KLFY 10 LA 395 | | WWAY 3 NC 1250 |
| 0.41:0 | KBIM 10 NM 440 | | KBMTt 12 TX | 1 | 505 WRALT 5 NC |
| 0140 | WAFBt 9 LA | 2208 | KPLC 7 LA 325 | | (MUF 98.9-1521) |
| 0203 | WGNOt 26 LA | 2227 | KLPBt 24 LA | | 613 WBTV 3 NC 1105 |
| 0323 | KADN 15 LA 395 | 0205 | KLTL 18 LA 325 | | 626 WCBD 2 SC 1120 |
| 0356 0444 | WNOL 38 LA 510 KATC 3 LA 395 | 2325 | WLPBt 27 LA | | 645 fade/outs |
| 0444 | | 24 tr 0103 | KLMG 51 TX 310 | | 900 unids ch 2 brief |
| 0708 | WYES 12 LA 510 WMAUt 17 MS | 0128 0139 | WAFB 9 LA 450 WGNOt 26 LA | | 015-2025 unids 2 east |
| 0100 | KLPBt 24 LA | 0206 | KSLA 12 LA 350 | | 517-1522 KCBSt 2 CA 535 KNAZt 2 AZ |
| | KVHPt 29 LA | 0340 | KARDt 14 LA | | 558 unids 2 w Mexico |
| 0726 | unids chs 30, 40 | 0645 | KETSt 2 AR | | 820 unids 2-5 w Mex |
| 0728 | WAPTt 16 MS | 0650 | WRBTt 33 LA | | 900 XHP 3 PU 735 |
| 0812 | WLAE 32 LA 510 | 0729 | KLRT 16 AR 515 | | 940 unids 2-5 s Mex |
| 0813 | WPANt 53 FL | 0123 | KMSS 33 LA 350 | | 1045 fade/outs |
| 0815 | WRBT 33 LA 450 | 2202 | KPLC 7 LA 325 | | 320-1330 unid 2 west |
| | WLPBt 27 LA | | KLFY 10 LA 395 | | 458-1526 unids 2 s/sw |
| 13 tr 0320 | KLFY 10 LA 395 | | KBMTt 12 TX | | 600-1800 unids 2-4 s |
| 2220 | KLTLt 18 LA | 2204 | KVHPt 29 LA | | (Above - Mexico) |
| | KLPBt 24 LA | | KADNt 15 LA | 1 | 703 WTWO 2 IN 935 |
| 2225 | KADN 15 LA 395 | 2250 | KLTLt 18 LA | 1 | 745 unids chs 2,3 ne |
| 2229 | KVHP 29 LA 325 | | KLPBt 24 LA | 29 Es 1 | 550-1700+ unids 2,3 s |
| 2239 | KMSS 33 LA 350 | 25 tr 0023 | KTRE 9 TX 265 | | (Mexico) |
| 14 tr 0000 | KTHT 67 TX 200 | Es 1059 | WPBT 2 FL 1150 | | 600 XHP 3 PU 735 |
| 0008 | KARDt 14 LA | 1102 | WIVJt 4 FL | 30 Es 0 | |
| 0009 | KALBt 5 LA | 1110 | WCIXt 6 FL | | 903 WAVEt 3 KY |
| 0047 | WAFB 9 LA 450 | | (MUF 101.5-1123) | 0 | 1908 WCMHt 4 OH |
| 0059 | KLMG 51 TX 310 | 1127 | WEDU 3 FL 985 | | WLW t 5 OH |
| 0127 | KPLC 7 LA 325 | 4.400 | WPTVt 5 FL | ^ | (MUF 89.7-0910) |
| 0235 0257 | WNOL 38 LA 510 KLFY 10 LA 395 | 1144 1200 | WCPX 6 FL 1035 WESH 2 FL 1055 | U | 959 WJBK 2 MI 1225 soon fade/outs |
| 0429 | KATC 3 LA 395 | 1325 | fade/outs | 1 | 100 unids 2 s Span |
| 0455 | WBRZ 2 LA 450 | 1433 | unids chs 2-5 | | (Brief) |
| رردان | MDIE Z ER 400 | 1733 | unitus chis 2-) | | (51101) |

Well, the E skip season has started - rather suddenly and with a high MUF on April 25. Before then, just a lot of tropo, some of it a bit rare (like Arkansas).

As I write this, WWV is indicating that a major geomagnetic storm is in progress -but no effects down here on the TV yet from it.

73, Pat, WA5IYX

Jeff Kadet, W3CRH, Box 20, Macomb, IL 61455 (309)-833-1809

Equipment: Zenith N1310 color, Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with PA 4975 preamp, .500 cable at 55', Zenith 9" black and white, Winegard 5 element low band vertically

polarized at 20'

| October 1985 28 tr 2159 WHRM 20 WI 315 30 tr 2209 WUPW 36 OH 375 | December 1985 12 Es 1730 unid ch2 Spanish (Wierd offset - | 22 tr 0316 OFMT 47 ON 610 March 1986 |
|--|--|---|
| November 1985 5 Es 1725 C 3 ?? ("MCTV" ID with | maybe not X) 14 Es 1800 unid ch2 Spanish 20 Es 1300 unid ch2 Spanish | 10 tr 0032 K30AC 30 MN 380 (Marshall KSTP-5) |
| ads for Timmins) 1730 unid ch 4 French | January 1986 17 tr 2258 Detroit and | Unusually strng) 0129 K42AN 42 MN 325 |
| tr 2000 <u>WNMU</u> 13 MI <u>450</u> 2211 <u>W63AR</u> 63 WI <u>345</u> (Ladysmith KSTP-5) | Sarnia UHF's 460 23 tr 2207 <u>K52AY</u> 52 MO 125 (St. Louis SIN) | (St. James KITN-29) <u>K44AD</u> 44 MN 325 (St. James KMSP-9) |
| 2310 W63AW MI 395 (Iron Mountain CBN) | February 1986 | 0314 K34AJt 34 SD ("Hit Video USA") |
| 6 tr 0457 + WNLS 6 MI 350 0520 WGTQ 8 MI 515 Es 2310 KIII 3 TX | 8 au 1800 <u>INCREDIBLE!!!!</u> Chs 2-6 looked | 0613 <u>K25AA</u> 25 IA <u>345</u> (Rock Rapids KSIN-27) |
| Es 2310 KIII 3 TX unid ch5 Spanish KMOL 4 TX | like every sta. was coming in at the same time, a | 23 tr 0400 <u>K60CL</u> 60 IA <u>35</u> (Keokuk PTL) |
| XEFE 2 TA 2328 WPBT 2 FL 2340 XEPM 2 CH | total mess!! 21 tr 2103 W42AF 42 WI 250 (Ripon STV) | April 1986 7 tr 0800 KPTM 42 NE 285 28 tr 0200 KNLJ 25 MO 155 |
| 2359 KMID 2 TX | 22 tr 0316 CITY 57 ON 610 | 30 Es 1035 unid ch 2 French |

All of the above were seen on a new Zenith Y1310. My beloved N1310 is away at Zenith where they are trying to repair the fine tuning on the UHF knob.

Frank Merrill, P.O. Box 669, Macomb, IL 61455

CST/CDT

Equipment: Channel Master 3617 "Super Crossfire" VHF (top-of-the-line), Channel Master seven foot UHF dish, Alliance rotor and Winegard preamplifiers on a seventy foot Rohn tower.

| September 1985 | 28 tr 0412 WTTE 28 OH 420 | 30 tr 2256 WXON 20 MI 400 |
|--|-------------------------------------|---------------------------------------|
| 20 tr 1727 WAEO 12 WI 380 | 0415 <u>WVAH</u> 23 WV <u>550</u> | (O kHz - WICS) |
| 1730 <u>WMVS</u> 10 WI <u>300</u> | WAKR 23 OH 500 | 2300 WQLN 54 PA 580 |
| 1759 <u>KGAN</u> 2 IA <u>130</u> | 0425 WKPT 19 TN 500 | 2314 WFUM 28 MI 420 |
| 1800 <u>WSCO</u> 14 WI <u>380</u> | 0428 WKRC 12 OH 320 | 2333 WKAR 23 MI 350 |
| WIVO 17 IL 180 | 0445 WFAT 19 PA 620 | 31 tr 0000 WAQP 49 MI 430 |
| 1810 <u>WLUK</u> 11 WI <u>350</u> | 0526 WOSU 34 OH 420 | 0028 WJRT 12 MI 420 |
| 1816 <u>WCTU</u> 29 MI <u>400</u> | 0548 K30AL 30 KS 300 | 0052 WSAW 7 WI 350 |
| 1905 WWTV 9 MI 400 | (Iola KTWU-11) | 0109 WEAU 13 WI 370 |
| 22 tr 0209 WIHT 31 MI 370 | <u>KTWU</u> 11 KS <u>320</u> | 0123 KMSP 9 MN 350 |
| 28 tr 0228 <u>WKBD</u> 50 MI <u>400</u> | 29 tr 0215 WTOL 11 OH 390 | 0129 <u>WAOW</u> 9 WI <u>350</u> |
| 0300 WGPR 62 MI 400 | 0300 WBNS 10 OH 420 | 0140 <u>WUSA</u> 11 MN <u>350</u> |
| 25 tr 0645 <u>W39AA</u> 39 IN <u>330</u> | <u>WSFJ</u> 51 OH <u>460</u> | Also chs 23, 29 |
| (Ft. Wayne WFYI-20) | 0333 <u>CKCO</u> 13 ON <u>570</u> | 0141 <u>WQOW</u> 18 WI <u>370</u> |
| 26 tr 0407 <u>WTVG</u> 13 OH <u>390</u> | 0410 & WDHO 24 OH 390 | 0154 <u>KSTP</u> 5 MAN <u>350</u> |
| 28 tr 0522 WZZM 13 MI 320 | (Snow free) | 0159 <u>WXOW</u> 19 WI <u>260</u> |
| 0535 <u>KODE</u> 12 MO <u>360</u> | 0423 <u>WUAB</u> 43 OH <u>480</u> | 0203 <u>W64AU</u> 64 WI <u>330</u> |
| 0553 <u>WILX</u> 10 MI <u>350</u> | 0430 <u>WVIZ</u> 25 OH <u>480</u> | (Adams STV) |
| 29 tr 0600 WDHO 24 OH 390 | 0435 WOIO 19 OH 480 | |
| <u>WUPW</u> 36 OH <u>390</u> | 30 tr 2130 Toledo UHF's | November 1985 |
| 30 tr 1943 WCAY 30 TN 370 | Detroit UHF's | 5 Es 1725 <u>C</u> 2 ON |
| | WTOL 11 OH 390 | ("MCTV" program) |
| October 1985 | 2153 <u>CBLFT</u> 48 ON <u>450</u> | tr 1733 <u>W57AR</u> 57 WI <u>400</u> |
| 28 tr 0350 WOIO 19 OH 480 | 2158 WGTE 30 OH 390 | (Sayner WSAW-7) |
| 0400-0503: | (SEE NOTE # 1) | 1800 <u>WHWC</u> 28 WI <u>350</u> |
| Lex 18,27,36 350 | 2159 <u>CKCO3</u> 42 ON 450 | WHLA 31 WI 260 |
| Cincy 12,19 320 | 2200 <u>CICO59</u> 59 ON <u>450</u> | WLEF 36 WI 400 |
| Day 16,22,45 350 | 2211 WSEE 35 PA 580 | 1858 WGVK 52 MI 300 |
| 0400 WFFT 55 IN 320 | 2212 CIII29 29 ON 450 | 1905 WAEO 12 WI 370 |

| Western TV DX | | June 1900. |
|--|---|---|
| Frank Merrill (continued) | 14 tr 0132 KFDA 10 TX 720 0231 KSNT 27 KS 320 | 22 tr 0700 WNEO 45 OH 550 WSKG 46 NY 755 WPGH 53 PA 580 |
| 5 tr 1952 WEAU 13 WI 360 1959 WHRM 20 WI <u>350</u> (Thru WICS, Jeff | 14 tr 0132 KFDA 10 TX 720 0231 KSNT 27 KS 320 0237 = KSNW 3 KS 370 (SEE NOTE # 5) 1804 WKON 52 KY 300 1831 WKSO 29 KY 370 1900 WKOH 31 KY 270 (Through 100al) 2100 WLYJ 46 WV 570 WPBO 42 OH 430 2230 WPBY 33 WV 500 2250 WLEX 18 KY 380 (Almost o/KLJB) 2307 WCET 48 OH 360 2312 WOWK 13 WV 500 (Over everything) 2324 WLWT 5 OH 360 2330 WNIN 9 IN 230 2339 WIII 64 OH 360 0239 WSAZ 3 KY 500 0500 Louisville UHF's Lexington UHF's Lexington UHF's (Snow free) WYMT 57 KY 500 0516 KCBR 17 IA 160 0518 WPTO 14 OH 330 0730+ WVAH 23 WV 550 (SEE NOTE # 6) | WPGH 53 PA 580 March 1986 |
| says RARE) 2000 WNMU 13 MI 460 | 1831 WKSO 29 KY 370 1900 WKOH 31 KY 270 | 11 tr 0038 KEYC 12 MN 280 (SEE NOTE # 7) |
| evening) 2044 WKBT 8 WI 260 | 2100 WLYJ 46 WV 570 WPBO 42 OH 430 | (Worthington KSTP-5) K30AC 30 MN 350 |
| (Atop WQAD, a toughie) | 2101 WKLE 46 KY 380 2230 WPBY 33 WV 500 2250 WIEY 18 KY 380 | (Marshall KSTP-5) 0057 <u>K32AF</u> 32 MN <u>350</u> (St. James KSTP-5) |
| (Land O' Lakes STV) | (Almost o/KLJB) 2307 WCET 48 OH 360 | 0112 <u>KELO</u> 11 SD <u>370</u> 0129 <u>K42AV</u> 42 MN 350 |
| (Bloomington WHLA-31) 2209 W63AR 63 WI | 2312 WOWK 13 WV 500 (Over everything) | (St. James KITN-29) K44AD 44 MN 350 |
| (Ladysmith KSTP-5) 2216 W57AR 57 WI | 2324 WLWT 5 OH 360 2330 WNIN 9 IN 230 | (St. James KMSP-9) 0132 K54AC 54 MN 350 |
| (Almost snow free) 2228 WPNE 38 WI 360 | 2339 WIII 64 OH 350 15 tr 0106 WAVE 3 KY 280 | (St. James WCCO- 4) 0134 <u>K52AB</u> 52 MN <u>350</u> (St. James WCCN 11) |
| (Iron Mtn STV) | 0500 Louisville UHF's | 0135 <u>K48AA</u> 48 MN <u>350</u> (St. James STV??) |
| (Iron Mtn STV) 2307 W61## 61 STV | (Snow free) WYMT 57 KY 500 | (SEE NOTE # 8) 0209 WHO 13 IA |
| 2308 <u>W63AW</u> 63 CBN 2313 <u>W65##</u> 65 STV | 0516 KCBR 17 IA 160 0518 WPTO 14 OH 330 | (SEE NOTE # 9) 0239 K13MN 13 IA 90 |
| 2332 <u>W47##</u> 47 STV (SEE NOTE # 2) | 0730+ WVAH 23 WV 550 (SEE NOTE # 6) | (wasnington KGAN-2) 0300 <u>KTIV</u> 4 IA <u>350</u> (Testing) |
| (Phantom - ABC, probably WQAD-8) | January 1 <u>986</u> | 0310 <u>K34##</u> 34 SD? (SEE NOTE # 10) |
| 6 tr 0021 <u>W67##</u> 67 STV (SEE NOTE # 2) | 23 tr 0230-0420 Many OH and Detroit U's and | 0600 KSFY 13 SD 370 0602 KSIN 27 IA 350 |
| (Iowa City KGAN-2) | 0423 WPTT 22 PA 580 | (Rock Rapids KSIN-27) |
| 0103 WFRV 5 WI 360 0128 W55AS 55 WI 300 | 0450 WTTE 28 OH 410 (Snow free) | (Sibley KSIN-27) (SEE NOTE # 11) |
| (Milwaukee WCIU-26) 0132 WOIO 19 0H 480 | 0452 WCLQ 61 OH 480 0500 WUAB 43 OH 480 | 0626 KXNE 19 NE 400 1516 KCAU 9 IA 350 |
| 0530 WCTQ 8 MI 580 0540 WCC 20 II. 230 | 0519 WTAP 15 WV 530 0522 WEAO 49 0H 500 | (Keokuk LPTV) (SEE NOTE # 12) |
| 0544 WCMU 14 MI 420 0600 WBGU 57 OH 380 | 0550 <u>WTSF</u> 61 KY <u>500</u> 0552 <u>WYMT</u> 57 KY <u>500</u> | (Testing) 0310 K34# 34 SD? (SEE NOTE # 10) 0600 KSFY 13 SD 370 0602 KSIN 27 IA 350 0603 KZ5AA 25 IA 350 (Rock Rapids KSIN-27) 0607 K33AB 33 IA 350 (Sibley KSIN-27) (SEE NOTE # 11) 0626 KME 19 NE 400 1516 KGAU 9 IA 350 (Keokuk LPTV) (SEE NOTE # 12) K66AL 66 IA 40 (Keokuk LPTV) (SEE NOTE # 12) K66AL 66 IA 250 (Clarinda W/WHO -13) April 1986 13 tr 0610 WSIL 3 IL 200 0614 (WEVV 44 IN 230 0614 (FTM 42 NE 320 0615 KETY 7 NE 320 (ID split second before KHQA on!) 0646 WSD 6 KY 260 (O kHz - WOC) 27 tr 0500 KNLJ 25 MO 180 (SEE NOTE # 13) 0555 (KCPT 19 MO 230 |
| Es 0612 <u>WLBZ</u> 2 ME 1130 0714 WLBZ 2 ME 1130 | WPBO 42 OH 430 WPBY 33 WV 500 | April 1086 |
| (SEE NOTE # 3) 2311 KIII 3 TX 1000 | 2214 <u>K52AY</u> 52 MO 130 (St. Louis SIN) | 13 tr 0610 WSIL 3 IL 200 0612 @WEVV 44 IN 230 |
| 2320 XEFE 2 TA 1100 2330 WPBT 2 FL 1100 | 2221 WGGN 52 OH 420 24 tr 0038 KTTC 10 MN 300 | 0614 KPTM 42 NE 320 0615 KETV 7 NE 320 |
| 7 Es 0000 KMID 2 TX tr 0123 KMTV 3 NE 340 | February 1986 21 tr 2032 KXLI 41 MN 400 | before KHQA on!) 0646 WPSD 6 KY 260 |
| 0131 <u>KYTV</u> 3 MO <u>300</u> 0135 <u>KMEG</u> 14 IA <u>350</u> | 2101 <u>W42AF</u> 42 WI <u>330</u> (Ripon STV) | (0 kHz - WOC) 27 tr 0500 KNLJ 25 MO 180 |
| Es 1703 XH 3 (SEE NOTE # 4) 1748 XRIO 2 TA | WSCO 14 WI and other north WI 2300 WCLQ 61 OH 480 | (SEE NOTE # 13) 0555 @KCPT 19 MO 230 0600 WBNA 21 KY 280 |
| 1809 KMID 2 TX 14 tr 0104 KAKE 10 KS 460 | 22 tr 0239 <u>CITY</u> 57 ON 640 0248 <u>CFMT</u> 47 ON 640 | 0605 <u>WLCN</u> 19 KY <u>250</u> 0615 +WOWL 15 AL 500 |
| 0111 WDAF 4 MO 240 0112 KQTV 2 MO 260 | 0256 WJRT 12 MI 430 0534 WKBN 27 OH 560 | 0640 <u>@WBKO</u> 13 KY <u>300</u> (<u>WCEE</u> not on yet) |
| 0117 KWCH 12 KS 470 0119 WIBW 13 KS 320 0123 KSNG 11 KS 600 | 0600 <u>WYTV</u> 33 OH <u>560</u> 0620 <u>Peoria U's with</u> 0 beat from Ohio | 0650 <u>@WAPT</u> 16 MS <u>650</u> 0651 <u>WDBD</u> 40 MS <u>650</u> 0702 <u>KARD</u> 14 LA <u>650</u> |
| (SEE NOTE # 5) | 0650 <u>WMGC</u> 34 NY <u>755</u> | 28 tr 0121 WEHT 25 IN 230 |

Frank Merrill (continued) Hi to all! Plenty of notes and circumstances on all this strange stuff. One final addition to my Toledo, Ohio log was on October 23, 1985 at 2100 with WUPW-36 OH (20 miles) via ground wave using standard indoor loop. Ironically this was logged first in Macomb!

The move to Macomb was unofficially completed on 26 August, but was officially finished on 26 October when I left the house for the last time at noon, after having sold it on 21 October. With totals now at 328, not all loggings are shown. I've generally

omitted full-service stations within 300 miles, and have also omitted most translators within 200 miles.

Some notes on some of these DX catches:

(1) This is the furthest daily reception noted here. It is seldom identifiable, but its beat bars are faintly detectable against a weak KDNL-30 when the antenna is pointed toward Toledo; even during snowy winter weather. Second furthest is WTVO-36 (trace) or KSNF-16 when WTJR-16 is off (360 miles).

(2) I suspect that all of these were from Iron Mountain as they tended to fade up and down in unison with channels 59 and 72. Fahber's WTFDA Guide shows these channels

without call letters or assured locations.

(3) These ID's round out my "skip clock" where I have now logged E skip, at one time or another, during all of the 24 hours of my local standard or daylight time. I had

previously had E skip as late as 0510 and as early as 09-something.

(4) A strange one! This was zero beat to KTVO-3, Missouri, and it was a sign on. I have it on videotape, and it sounds like their given call letters were "X-H-E-gree", but there is no letter that sounds like "gree." Around 1730, I was almost sure I had an XEZ ID (which would be nice), but I could have easily been "hearing things" and decided not to count it.

(5) This is counted on the basis of Dr. Gene Scott fading up briefly on channel 11. He is carried by all the KSN stations including Joplin 16 (and maybe Superior NE channel

4?). The network stops carrying him at 0230. KSNW-3 was a sign/off.

(6) November 14-15 was one of the strangest tropo openings I have ever noted! Almost always, when rain comes in, the trops go out. I have had only a handfull of good rain tropo in the past, even on light rainy or drizzly days. This was different though! Between nightfall and dawn, Macomb had about 11 or 2 inches of torrential rain during this intense "all nighter!" WVAH-23 was awesome, totally demolishing WFHL-23, Illinois (same direction), in the evening and staying in until after 0730 (bedtime), often nearly snow free! Strange deep fades (almost like E skip) appearred on some of the stuff like WPBY-33 (the most noticeable example) and WPBO-42. Why and how did this tropo even exist?

(7) This logging was shortly after seeing it snow free on Liberty Cable (Macomb's system). The cable logging around 0030 was my first indication that there was DX to

be had. Normally KIIN-12 would be there, but they had signed off.

(8) The scrambled video was an obvious movie while the audio barker channel was totally unrelated! In fact, it sounded similar to a different station or service. This

faded and peaked in unison with other St. James ones.

(9) Their erp had to be 100 Watts or less during this time! I tried to call them April 28th but wasn't able to talk to anybody who knew. Their glitch allowed me to finally log 92 Watt K13MN which was usually on top whenever it faded in at all. It took me half an hour to find them with local ads as on channel 2.

(10) This was noted at 0310 and during two or three other fade-in's as late as 0700. Jeff Kadet mentioned seeing somebody report a new Sioux Falls LPTV here, format unknown. At 0700, I was finally able to identify "Hit Video USA" as the service carried by

this station. Anybody know more?

(11) The western IPBN's had their early morning slates on a few minutes before the eastern IPBN's did, so while Sibley had the IPBN slate, Ottumwa was still translating WISN-12 from an otherwise blank channel 12. In fact, Ottumwa can be DEPENDED on to be all night with WISN during almost any "halfway decent tropo." They're obviously using a very low signal threshold because of their distance from KIIN-12. IPBN's sign/on lists no KDIN-11 translators, and a telephone call to KDIN April 28th confirms that Mt. Ayr channel 25 and Centerville channel 31 do not exist. Neither, presumably, do High Point channel 14, Clarinda channel 64, or Carroll channel 72, but I forgot to ask about them. I do find it rather astounding that K25AA was able to override WEEK-25 (a snowfree local) without WEEK-25 being nulled. The KDIN-11 engineer said that K25AA actually has about 4000 Watts erp; the listed 1000 Watts is transmitter

(12) I believe this one started on March 22 or March 23. They're 24 hours, seven days, and religious. They identify at least once an hour with a very utilitarian (read plain) ID slide with huge call letters. Probably about 200 Watts erp as they're

somewhat weaker than same-town K44AB.

Frank Merrill (continued)

(13) I believe this was absolutely brand new too, probably no more than two or three days old. I would estimate about a million Watts erp from its strength - another 24 hour religious one.

If all goes right, I'll do so poorly this year that I will add NOTHING to my Macomb totals all summer! I've gone out of my mind, you say? Yeah, it is hard to DX from Macomb if you're visiting places like Regina, Fairbanks, and Terrace! I'm seriously hoping to go for nearly four months and do probably the closest thing I'll ever be able to do, as a "bum." Next year, I will again be keeping a house up. Right now, I'm living with the people who did some help in my move, and most of the DX setup is my former Toledo antennas and tower. Not having my own house right now makes it easier to travel, without utilities and large mortgage payments to keep up. Therefore, I can't make it to Jamestown, because it's too close to Macomb, Hi! I hope for a great time there, and a fine DX'able summer

(Welcome to Western TV DX, Frank. I'm sorry to hear you don't expect to be reporting much this year, but that sounds like a fine trip you are planning. Be sure to observe

the status of the multitudes of television relays in the Canadian west. fm)

(With regard to your suspicions about your loggings of November 5 having been from the Iron Mountain facility, it would certainly seem so. I know of no other group of translators operating in the scrambled mode and matching the channels you reported seeing. Maybe someday they will all be operating under standard licenses and we will know what to call them. Incidentally, the FCC has finally reported a construction report for one them, that being the channel 63 operation, and assigned the call letters K63AW to it. I indicated that in your loggings. fm)

(The STV operation from K48AA at St. James, Minnesota is just as you describe. They do indeed have independent audio, and it was Country Music Television when I first logged

it last year. fm)

(Your logging on channel 34 while tropo was out to the Sioux Falls area was very likely K34AJ. When I logged them last year, they were carrying Odyssey, which of course is no longer operational, but was also a music service. During my reception of them, I also noted no local identifications. fm)

(I think you may be assumming too much when you suggest that channel 64, Clarinda, and channel 72, Carroll, are not operational. Unlike the construction permits which you listed, K64AH at Clarinda and K72CP at Carroll are not assigned to IPBN, but are assigned

to those two cities and licenses have been issued. fm) (With regard to your observations on the apparent power differences between K44AB at Keokuk and the new K60CL, the FCC data base indicates that K44AB is authorized for 0.439

kW, while K60CL is authorized for 1.75 kW. I wonder if that is accurate? fm)

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

Equipment: VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Teknika 6510 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc pre-amp; Alliance rotor.

May 1986

2 tr 0828 KDSM 17 IA 385 0859 KPTM 42 NE 400

10 Es 1258 WAGA 5 GA 1115 (MUF 107.7 @ 1323- NC) 1426 WPSXt 3 PA

2 tr 0827 KXNE 19 NE 320 10 Es

(MUF 107.9-1256)

It is great to have some DX to report again. The new Omaha independent is an easy station to identify with large call letters and numerous program promotions. In fact, during the time I watched them, there were no paid commercials. Hopefully, that will

The May 10th E skip caught me by surprise as it was already high in the FM band before I noted it. The channels were a complete jumble (including channel 5), making ID's next to impossible. Locals KXJB-4 and WDAY-6 were experiencing heavy CCI with a zero beat picture floating over KXJB-4. Hopefully more ID's will be made in the coming weeks.





FLEVISION NEWS

Bill Fahber, editor 336 Atlantic Street Bridgeton, NJ, 08302

| | | VL | - | | ľ |
|-----|--------|-------|-----|---|----|
| | | CIONS | FOR | R NEW TELEVISION STATIONS | М |
| CH | ERP | TAAH | STA | TE/CITY/APPLICANT | I, |
| 47 | 413 | 1013 | ΤX | TE/CITY/APPLICANT Greenville; Bill R. Wright | 1 |
| 62 | 5000 | 1945 | ΤX | Killeen; Eula Lee Beck | ٤ |
| 6 | 100 | 1477 | MT | Billings; Mark L. Wodlinger (amended) | ľ |
| 66 | 5000 | 522 | ΝJ | West Milford; New Jersey Hispanic ETV Corporation Inc. | |
| ٨n | 1000 | 380 | OH | Toledo; Paul T. Lambert Bc'g | ļ۷ |
| | | | TN | Knoxville; Knoxville Communi- | F |
| 15 | 5000 | 1690 | mat | ty Broadcasting Inc. Knoxville; Lincoln Memorial U | l |
| 58 | 468 | | TOT | Bunnell; Meredith Corporation | ı |
| | | 303 | | | 11 |
| ככ | 1140 | 870 | NC | Jacksonville; Jacksonville | ľ |
| 8 | 316 | 468 | NC | Broadcasting Company Morehead City; James E. & | |
| _ | | | | Rachel J. McManus | 1 |
| 8 | 316 | 1982 | NC | Morehead City; Morehead City TV Ltd. | ľ |
| 8 | 316 | 1965 | NC | Morehead City; Wander Broad- | 1 |
| ۱ | | | | casting of Morehead City | ľ |
| 57 | 5000 | 1088 | FL | Live Oak; Frank A. Baker | ١, |
| 57 | 1000 | 417 | FL | Live Oak; Frank A. Baker Live Oak; Cardwell-Bussey | Ľ |
| 8 | 316 | 1009 | NC | Morehead City; Dr. James E. Carson | 1 |
| 8 | 316 | 1990 | NC | Morehead City; Crystal Coast | 1 |
| | | | | Communications | L |
| 8 | 316 | 2000 | NC | Morehead City; Pine Cone Com- munications Ltd. Partnership | 2 |
| 60 | 5000 | 850 | WV | Martinsburg; Ivan Lambert Bcg | 1 |
| | | | | Avalon; Avalon Broadcasting | l |
| 74 |)000 | رزعد | OA | (amended) | I |
| 54 | 5000 | 1246 | CA | Avalon; Catalina Broadcasters (amended) | I |
| 54 | 5000 | 1734 | CA | Avalon; Catalina Broadcasting Ltd. (amended) | 1 |
| 54 | 5000 | 1222 | CA | Avalon; Es Possiole Minority | 1 |
| - 4 | ,,,,,, | | | Telecommunications Ins. | 1 |
| | | | | (amended) | ı |
| 54 | 5000 | 1201 | CA | Avalon; Island Broadcasting Ltd. Partnership (amended) | l |
| 54 | 5000 | 1633 | CA | Avalon; Christine E. Shaw | 1 |
| 66 | 5000 | | мт | (amended) West Milford; New Jersey Pub- | 1 |
| | | | | lic Bc'g Authority (amended) | , |
| | 5000 | | ŊJ | Atlantic City; ACTB Inc. | ľ |
| 62 | 5000 | 590 | ŊJ | Atlantic City; Boardwalk | ١ |
| 62 | 5000 | 466 | NJ | Broadcast Associates Inc. Atlantic City; Garden State | Į, |
| 62 | 1000 | 287 | MJ | Communications Atlantic City; Surf City | Ì |
| ŀ | | | | Broadcasting Associates | |
| 04 | 3182 | 1389 | VA | Charlottesville; Achernar Broadcasting Company | ŀ |
| 64 | 3720 | 1143 | VA | Charlottesville; Commonwealth Broadcasting Corporation | ľ |
| 64 | 2500 | 422 | VA | Charlottesville; Evangel | 1 |
| 6, | 2500 | 122 | | Communications Inc. | l |
| 104 | ~)UU | 422 | V A | Charlottesville; George Wal- ton Lindsay | ľ |
| 40 | 1110 | 2504 | WV | Bluefield: Interface Product. | ŀ |
| 15 | 8.13 | 1100 | ٧I | Christiansted; Cabarrus Tele- | l |
| | | | | vision Corporation. | l |
| | | | | · · · · · · · · · · · · · · · · · · · | ٠ |

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|------------|-----------|---|
| | | PLICATIONS DISMISSED |
| | NC | Raleigh; ch. 50; Brant Cotton (initial |
| | | decision). |
| | ΜE | Lewiston; ch. 35; Ashley Communications; |
| | ŊJ | John R. Powley. |
| nt | SC | Newton; ch. 63; Oneida Television Ltd. |
| | 50 | Rock Hill; ch. 55; Faye Daye Corporation; Beverly Hills Hotel Corporation. |
| ger | 'nχ | Conroe; ch. 49; Brokinrod Broadcasting |
| | | Company Inc.; Luis y Nelida Castaneda; |
| His- | | Jack Clarke III. |
| c. Bo'g | WI | Chippewa Falls; ch. 48; Patrick L. Bushland. |
| nuni- | FL | Chippewa Falls; ch. 48; Patrick L. Bushland Venice; ch. 62; Holiday Group Ltd. (initial, |
| | | decision; Venice Broadcasting was preferred |
| ial U | | because of integration of management and |
| ation | | ownership). |
| le | TN | Nashville; ch. 58; Dove Broadcasting (ini- |
| | | Nashville; ch. 58; Dove Broadcasting (initial decision; Ruth Payne Carmen was given preference due to her long time residence |
| Šr. | | and civic activities). |
| | тх | Lake Dallas; ch. 55; Opal Thornton (initial |
| City | 111 | decision, finding applicant financially |
| - nd | | disqualified). |
| -bac | ΑZ | Tolleson; ch. 51; Lifestyle Broadcasting |
| | | Corporation. |
| v | AR | Little Rock: ch. /2: Maumelle TV. |
| Ε. | NV | Las Vegas; ch. 33; Lucky 33 TV. (Lucky?) Reno; ch. 11; David Moose. Vineland; ch. 59; Rita Wyse (settlement |
| | ΝV | Reno; ch. 11; David Moose. |
| oast | ŊJ | Vineland; ch. 59; Rita Wyse (settlement |
| | | agreement). |
| Com- | SC | Charleston; ch. 36; R.G. Brown Communica- |
| ship | ΑТ | tions Inc. Troy; ch. 67; Lynn W. Baker (settlement |
| t Bcg | ИL | agreement). |
| ing | FT. | Islamorada: ch. 18: Florida ETV Inc. |
| a+ a | FL | Sebring; ch. 60; Channel 60 Inc.: Hunt |
| sters | 1 | Sebring; cn. 60; Channel 60 Inc.; Hunt Partnership; Ridge Broadcasting Company. |
| sting | LA | New Orleans; ch. 49; Lloyd Allen. |
| POTITE | тx | El Paso: ch. 65: Josie Moore. |
| rity | VA | Danville; ch. 24; Danville Broadcasting. Venture; ch. 16; California Broadcasting Corporation (Supplemental initial decision, |
| • | CA | Venture; ch. 16; California Broadcasting |
| | | Corporation (Supplemental initial decision, |
| ing | 1 | reversing initial decision. Inis assign- |
| d) | A.T | ment had been contested for over seven yrs) Eirmingham; ch. 62; Lawson State Community |
| w | AL | College. |
| | тx | Denton; ch. 2; Denton Channel Two Founda- |
| Pub- | l^" | tion. |
| ded) | КУ | Hopkinsville; ch. 51; Christian County |
| | | Television Ltd. (initial decision; part |
| | 1 | owner of Christian County also owns the |
| • ate | l | local Hopkinsville newspaper). |
| ~~~ | CA | Novato; ch. 68; Movato Broadcasting Corp. |
| | ΗI | Honolulu; ch. 5; Channel 5 Broadcasting |
| | | Associates; Polynesian Services Corporation |
| r | <u>اس</u> | TV 5 of Honolulu. |
| | NT T | Reno; ch. 11; Reno Television Broadcasters. Newton; ch. 63; John R. Powley. |
| ealtn | 74.A | Syracuse: ch. 56: Flomaton Communications |
| | SC | Syracuse; ch. 56; Flomaton Communications. Myrtle Beach; ch. 32; Coastal Carolina |
| | 1 | Communications Corporation; Myrtle Commu- |
| ile l | 1 | nications Inc. |
| Wal- | TN | Memphis; ch. 50; Dorothy B. Evans. |
| duct. | co | Memphis; ch. 50; Dorothy B. Evans. Pueblo; ch. 32; FEM Broadcasting Inc.; |
| Tele- | 1 | Pueblo Family Television) Heview Board, |
| 1010- | | upholding initial decision). |
| | ٠ | |

| CEL | | | | | | |
|--|---|--|--|--|----------------|--|
| CON | STRUC | TION | PER | MITS GRANTED: NEW STATIONS | 45 | ı |
| | | 910 | FL | Sebring; Focus Broadcast | 28 | |
| | | | mar | Communications Inc. | 18 27 | 51 |
| 49 | 2000 | 322 | TA | Conroe; San Jacinto TV Corp. | _ | _ |
| 50 | 5000 | 1300 | NO | Raleigh; The L Broadcasting Corporation (initial decis'n) | FAG | II. |
| 17 | 1670 | 861 | ME | Grand Island; Family Broadeg | ΚY | |
| | 5000 | | N.T | Vineland; Family Television | | r |
| 27 |)000 | 112 | 110 | Network (Only 9.1 miles away | | 1 |
| | | | | Network (Only 9.1 miles away from me! Wow!) | | A |
| 62 | 5000 | 1009 | FL | Venice; VeniceBroadcasting | | T |
| | | | | Corp. (initial decision) | | a |
| 55 | 4989 | 927 | TX | Take Dallas: Women's Media | МО | |
| | ,. , | | | Investors of Dallas, Inc. | 1.0 | t |
| | | | | (initial decision) | | i |
| 60 | 2980 | 910 | FL | Sebring; Focus Broadcast | | A |
| | | | | Communications Inc. | | Α |
| 18 | 619 | 292 | FL | Islamorada; Islamorada Edu- | ł | i |
| | | | | cators Broadcasting Inc. | NH | K |
| | | | | (Average terrain 16' below | | r |
| | | | | sea level. Interesting.) | FL | P |
| 67 | 100 | T000 | ΑĹ | Troy; Shelley Broadcasting | | t |
| _ | 100 | 2 (40 | m37 | Co. (summary decision) | | k |
| 2 | 100 | T685 | TX | Denton; North Texas Public Broadcasting Inc. (settle- | | A |
| | | | | ment agreement) | | а |
| 5 | 100 | - 57 | ит | Honolulu; Ka'Ikena Lani TV. | GA | |
| - | 1618 | | | Hopkinsville; Green River | | а |
| 71 | 1010 | 477 | 11.1 | Group Ltd. (initial decis'n) | ٠. | a |
| 32 | 3715 | 2355 | co | Pueblo; tvUSA/Pueblo Ltd. | LA | |
| ~ر | 7127 | ~))) | - | (Review Baord, upholding | | r |
| | | | | | ı | п |
| | | | | initial decision; | ı | |
| | | | | initial decision) | ł | |
| CO | NSTRU | CTION | PE | RMITS CANCELLED | | A |
| ТX | Mars | hall; | ch | RMITS CANCELLED . 35; KMLT-TV | | A |
| TX AK | Mars Fair | hall; banks | ch ; c | RMITS CANCELLED . 35; KMLT-TV h. 7; KSEV | | A d n |
| TX AK TX | Mars Fair Pari | hall; banks s; ch | ch ; c | RMITS CANCELLED . 35; KMLT-TV h. 7; KSEV 2; KLPH-TV | NJ | A d n T |
| TX AK TX KS | Mars Fair Pari Sali | hall; banks s; ch na; c | ch ; c | RMITS CANCELLED . 35; KMLT-TV h. 7; KSEV 2; KLPH-TV 18; KYYE | NJ | A d n T |
| TX AK TX KS KY | Mars Fair Pari Sali Pain | hall; banks s; ch na; c | ch ; c . 4 | RMITS CANCELLED 35; KMLT-TV h. 7; KSEV 2; KLPH-TV 18; KYYE ch. 69; WEKT | NJ NC | A d n T |
| TX AK TX KS KY HO | Mars Fair Pari Sali Pain St. | hall; banks s; ch na; c tsvil Louis | ch ; c 4 | RMITS CANCELLED 35; KMLT-TV h. 7; KSEV 2; KLFH-TV 18; KYFE ch. 69; WEKT ch. 40; KUCU-TV | NC | A d n T N r C C |
| TX AK TX KS KY MO | Mars Fair Pari Sali Pain St. | hall; banks s; ch na; c tsvil Louis | ch ; c ; c ; c | RMITS CANCELLED 35; KMLT-TV h. 7; KSEV 2; KLPH-TV 18; KYYE ch. 69; WEKT h. 40; KUCU-TV MODIFY CONSTRUCTION PERMIT | | M A d n T N C C C C |
| TX AK TX KS KY HO AP | Mars Fair Pari Sali Pain St. PLICA | hall; banks s; ch na; c tsvil Louis TIONS | ch ; c ; c ; c ;; c | RMITS CANCELLED 35; KMLT-TV h. 7; KSEV 2; KLPH-TV 18; KYYE ch. 69; WEXT h. 40; KUCU-TV MODIFY CONSTRUCTION PERMIT Gadsden; WNAL-TV | NC | A d n T N C c c c c c c c c c c c c c c c c c c |
| TX AK TX KS KY MO AP | Mars Fair Pari Sali Pain St. PLICA 2741 3228 | hall; banks s; ch na; ch tsvil Louis TIONS . 965 | ch ; c ; c ; c ; c AI | RMITS CANCELLED . 35; KMLT-TV h. 7; KSEV 2; KLPH-TV 18; KYYE ch. 69; WEKT th. 40; KUCU-TV MODIFY CONSTRUCTION PERMIT . Gadsden; WNAL-TV Barstow; KVVT | NC | A d n T N T C C C |
| TX AK TX KS KY HO AP | Mars Fair Pari Sali Pain St. PLICA 2741 3228 | hall; banks s; ch na; c tsvill Louis TIONS 3 1572 | ch ; c ; c ;; c ; c AI 2 CA | RMITS CANCELLED . 35; KMLT-TV h. 7; KSEV 2; KLPH-TV 18; KYYE ch. 69; WEKT th. 40; KUCU-TV MODIFY CONSTRUCTION PERMIT . Gadsden; WNAL-TV . Barstow; KYVT . Orlando; Rainbow Broadcastg | NC | A d n T N C C C A A |
| TX AK TX KS KY HO AP 44 65 | Mars Fair Pari Sali Pain St. PLICA 2741 3228 5000 | hall; banks s; ch na; c tsvil Louis TIONS 965 3 1572 3 1523 6 966 | ch ; c ; c ; c ; c ; c AI 2 CA 7 FI | RMITS CANCELLED 35; KMLT-TV h. 7; KSEV 2; KLPH-TV 18; KYYE ch. 69; WEKT h. 40; KUCU-TV MODIFY CONSTRUCTION PERMIT Gadsden; WNAL-TV Barstow; KVVT Orlando; Rainbow Broadcastg Muskegon; JMKT | NC | A do no |
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| TX AK X KY MO AP 444 65 4 4 2 5 6 6 5 4 4 2 5 6 6 5 4 2 5 6 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 | Mars Fair Pari Sali Pain St. Pari Sali Pain St. Pali Sali Pain St. Pali Sali Pain St. PELICA SALI SALI SALI SALI SALI SALI SALI SAL | hall; banks; s; ch na; c ttsvil Louis TIONS 9655 1577 6 966 995 0 1942 0 1786 0 | ch. 44 ch. 11e; con 12 ch. 17 ch. 17 ch. 17 ch. 18 ch. 17 ch. 18 | RMITS CANCELLED 35; KMLT-TV 16, 7; KSEV 22; KLPH-TV 18; KYYE ch. 69; WEKT ch. 40; KUCU-TV Cadsden; WNAL-TV Barstow; KVVT Orlando; Rainbow Broadcastg Muskegon; JMKT (Tyler; KCKU LaCrosse; JLAX Pine Bluff; KJTH-TV (Jacksonville; KTRG A Virginia Beach; WVBT Bay City; WVCI (amended) ERMIT MODIFICATIONS GRANTED A Visalia; KNXT L Urbana; WCCU C Omaha; KPTM (now on the air) R Ponce; JKPV (reported to be on the air 10/85, but unconfirmed) | NC NC TN | AdnTM rC c AAN class |
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| TX AK TX KY HO AP 44665 544 25 38 56 43 61 25 43 38 56 36 43 61 25 43 26 26 43 26 43 26 43 26 43 26 43 26 43 26 43 26 43 26 43 26 43 26 43 | Mars Fairi Fairi Salii St. Fairi Palia St. Fairi Palia St. Fairi Salii St. Fairi Salii St. Fairi Salii Saliii Salii Salii Salii Salii Salii Salii Salii Saliii Sal | hall; banks sale sale sale sale sale sale sale sal | ch. ch. le; c 44 miles; c 77 m | RMITS CANCELLED 35; KMLT-TV 17; KSEV 2; KLPH-TV 18; KYYE ch. 69; WEKT ch. 40; KUCU-TV Cadsden; WNAL-TV Barstow; KVVT Orlando; Rainbow Broadcastg Muskegon; JMKT Tyler; KCKU LaCrosse; JLAX Pine Bluff; KJTW-TV Jacksonville; KTRG Virginia Beach; WVBT Bay City; WVCI (amended) ERMIT MODIFICATIONS GRANTED A Visalia; KNXT L Urbana; WCCU C Omaha; KPTM (now on the air) R Ponce; JKPV (reported to be on the air 10/85, but unconfirmed) X Odessa; KCCV-TV S Lawrence; KMCI A Philadelphia; WYBE | NC NC TN | Add not record to the record of the record o |
| TX AKX KY MO AP 444 65 54 14 25 38 61 00 49 24 20 33 3 | Mars Fairi Fairi Salii Salii Salii Salii Salii Salii Salii Salii Fairi Salii Saliii Salii Salii Salii Saliii Salii Salii Salii Salii Salii | hall; banks sale sale sale sale sale sale sale sal | che. 44 he. 45 the 11e; c TO AIL 27 THI MIX WI TEN | RMITS CANCELLED . 35; KMLT-TV h. 7; KSEV 2; KLPH-TV 18; KYYE ch. 69; WEKT h. 40; KUCU-TV . MODIFY CONSTRUCTION PERMIT . Gadsden; WNAL-TV . Barstow; KVVT . Orlando; Rainbow Broadcastg . Muskegon; JMKT (Tyler; KCKU . LaCrosse; MLAX . Pine Bluff; KJTH-TV . Jacksonville; KTRG . Virginia Beach; JVBT . Bay City; LVCI (amended) ERMIT MODIFICATIONS GRANTED A Visalia; KNXT L Urbana; WCCU E Omaha; KPTM (now on the air) R Ponce; LKPV (reported to be on the air 10/85, but unconfirmed) X Odessa; KOCV-TV S Lawrence; KHCI A Philadelphia; MYBE X Houston: KEBU-TV | NC NC TN | |
| TX AK TX S KYO AP 44665 43 563 63 63 3 3 3 3 3 3 1 | Mars Fair Sali. St. Sali. St. Sali. | hall; banks ; ch na; ct tsvill Louis ; 965 ; 966 ; 986 ; 995) 1942; CTIONS ; 1552 ; 273 ; 290 ; 290 ; 100 ; 110 ; 558 ; 558 ; 143 | che; c4 4 ine; c 4 ine; c 7 FI MIX WI TXX WI | RMITS CANCELLED . 35; KMLT-TV h. 7; KSEV 2; KLPH-TV 18; KYYE ch. 69; WEKT h. 40; KUCU-TV . MODIFY CONSTRUCTION PERMIT . Gadsden; MNAL-TV . Barstow; KVVT . Orlando; Rainbow Broadcastg . Muskegon; JMKT (Tyler; KCKU L LaCrosse; WLAX R Pine Bluff; KJTW-TV (Jacksonville; KTRG A Virginia Beach; WVBT L Bay City; WVCI (amended) ERMIT MODIFICATIONS GRANTED A Visalia; KNXT L Urbana; WCCU E Omaha; KPTM (now on the air) R Ponce; JKPV (reported to be on the air 10/85, but unconfirmed) X Odessa; KCCV-TV S Lawrence; KMCI A Philadelphia; WYBE X Houston; KHBU-TV L Gadsden; WMAL-TV | NC NC TN | Addrawa TM rocco AAAN claar Addrawii taaboo aa Atta |
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| TX AK TX KS KY MO AP 444 65 54 45 6 6 5 4 4 5 6 6 6 6 6 6 6 | Mars Fair Sali. St. Sali. Sali | hall; banks hall; banks hall; banks hall; banks hall; banks hall hall hall hall hall hall hall hal | che; 4 che; 5 che; 6 che; 7 ch | RMITS CANCELLED . 35; KMLT-TV h. 7; KSEV 2; KLPH-TV 18; KYYE ch. 69; WEKT h. 40; KUCU-TV . Gadsden; WNAL-TV . Gadsden; WNAL-TV . Gadsden; WNAL-TV . Grando; Rainbow Broadcastg . Muskegon; JMKT (Tyler; KCKU . LaCrosse; WLAX . Pine Bluff; KJTM-TV (Jacksonville; KTRG . Virginia Beach; WVBT . Bay City; WVCI (amended) ERMIT MODIFICATIONS GRANTED . Vivsalia; KNXT . Urbana; WCCU . Omaha; KPTM (now on the air) . Ponce; JKPY (reported to be on the air 10/85, but unconfirmed) X Odessa; KCCV-TV S Lawrence; KMCI A Philadelphia; WYBE X Houston; KHBU-TV L Gadsden; WMAL-TV A Barstow; WVVT C CHANGE EXISTING FACILITIES A Cochran; WDCC-TV (CF) | NC NC TN | |
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| TELEV | VISIO | N NE | WS | - page 2 | | JUNE, 1986 |
|-------|--------------|-------------|-----------|--|-----|---|
| CONS | TRUCI | CION | PER | MITS GRANTED: NEW STATIONS | | 1589 1056 MD Baltimore; WBFF (CP) |
| 69 29 | 980 | 910 | I.T | Sebring; Focus Broadcast | | 5000 2000 NC Durham; WPTF-TV (CP) 547 652 CT Hartford; WHCT-TV (CP amended) |
| 10.01 | 000 | 222 | πY | Communications Inc. Conroe; San Jacinto TV Corp. | | 5000 1688 MO Springfield; KDEB-TV (MP) |
| 49 2 | nnn . |)&& 1306 | NC | Raleigh; The L Broadcasting | _ | |
| יכ טכ | . 000 | LJUU | 110 | Corporation (initial decis'n) | | CILITIES CHANGES GRANTED: STATIONS ON AIR |
| 17 1 | 670 | 861 | NE | Grand Island; Family Broadeg | VI | Hazard; WYMT-TV, ch. 57; granted MP to raise ERP from 214 kw max to 2630 kw max; |
| 59 5 | 000 | 952 | NJ | Vineland; Family Television | | 1560' AAT/1005' AG/2925' ASL (760' higher |
| · | | | | Network (Only 9.1 miles away | | AAT; 807' ASL); coordinates 37°11'38"/83° |
| | | | | from me! Wow!) | 1 | 10'52" (Az. 186°, 4.29 miles from present |
| 62 5 | 000 | 1009 | FL | Venice; VeniceBroadcasting | 1 | TL) TL atop Buffalo Mountain. Should be |
| | | | | Corp. (initial decision) | 1 | a big increase in coverage area. |
| 55 4 | 989 | 927 | TX | Lake Dallas; Women's Media | MO | St. Louis; KNLC, ch. 24; granted license |
| i | | | | Investors of Dallas, Inc. | | to cover CP for changes: ERP raised from |
| | | | | (initial decision) | 1 | 1466.7 kw to 3090 kw max; 1000' AAT/706' |
| 60 2 | 980 | 910 | FL | Sebring; Focus Broadcast | | AG/1621' ASL (2' higher AAT; 26' lower |
| | (10 | 000 | тэт | Communications Inc. | | AG and ASL at same TL. Further example of |
| TR 6 | 019 | 292 | ВL | Islamorada; Islamorada Edu- | l | inconsistent data). |
| | | | | cators Broadcasting Inc. (Average terrain 16' below | NH | Keene; WEKN-TV, ch. 52; granted CP to |
| | | | | sea level. Interesting.) | 1 | raise ERP from 37.5 kw to 60 kw max. Wow! |
| 400 - | 100 | 1000 | ΑT | | FL | Pensacola; WSRE, ch. 23; granted license |
| 07. | 100 | TOOÓ | ΑЬ | Troy; Shelley Broadcasting Co. (summary decision) | | to cover CP for changes; raise ERP from 38 |
| 12. | 100 | 1600 | тY | Denton; North Texas Public | 1 | kw to 3045 kw max; 481' AAT/481' AG/561' |
| 2 . | 100 | 1002 | IV | Broadcasting Inc. (settle- | 1 | ASL (9' lower AAT; 17' higher AG and ASL |
| ļ | | | | ment agreement) | | at same TL. |
| 5 | 100 | -57 | нт | Honolulu; Ka'Ikena Lani TV. | GA | Atlanta; WGNX-TV, ch. 46. Finally granted |
| | | | | Hopkinsville; Green River | 1 | a license to broadcast after being on the |
| | 1010 | 477 | | Group Ltd. (initial decis'n) | TA | air for fifteen years!!! |
| 32 3 | 3715 | 2355 | CO | Pueblo; tvUSA/Pueblo Ltd. | LLA | Alexandria; KLAX-TV, ch. 31; granted CP to reduce ERP from 1619.8 kw max to 1216 kw |
| | , | | | (Review Baord, upholding | 1 | max; 1357' AAT/1292' AG/1517' ASL (a |
| | | | | initial decision) | ĺ | whopping 1153' higher AAT and 1187' higher |
| 00370 | | m T O N | D.F. | DATE CANCEL PD | 1 | ASL!); TL 1.5 mile SW of Dry Prong; coor- |
| | | | | RMITS CANCELLED | 1 | dinates 31°33'54"/92°33'00" (Az. 357°, or |
| TX P | marsn | LELL 5 | en | . 35; KMLT-TV | | nearly due north, 17.58 miles from present |
| An I | air. | anks | , (| h. 7; KSEV 2; KLPH-TV | 1 | TL). |
| KS S | Salir | , | h - 4 | 18; KYYE | NJ | New Brunswick; WNJB, ch. 58; granted CP to |
| KY I | Paint | svil | le: | ch. 69; WEKT | | raise ERP from 498.75 kw max to 1231 max. |
| | | | | h. 40; KUCU-TV | NC | Charlotte; WBTV, ch. 3; granted license to |
| | | | | | 1 | cover CP for changes; see 1/84 VUD |
| APP | LLCA' | TONE | TO | MODIFY CONSTRUCTION PERMIT | NC. | "Charlotte; WSOC-TV, ch. 9; granted CP to |
| 144 ! | 2724 | 707 | AL ACA | Gadsden; WNAL-TV Barstow; KVVT | | change antenna height to 1179' AAT/1034' |
| 4 2 | 2440 5000 | 1500 | . CA | Orlando; Rainbow Broadcastg | | AG/1890' ASL (11' lower AAT; 39' lower AG |
| 5/ | /305 | 966 | MT | Muskegon; WMKT | | ASL; same TL). |
| | | | | Tyler; KCKU | TW | Nashville; WSMV, ch. 4; Granted CP to |
| | 501 | | | LaCrosse; WLAX | | change MRP from 93.63 kw to 100 kw max; |
| | | | | Pine Bluff; KJTM-TV | | 1425' AAT/1325' AG/2006' ASL (15' higher |
| | | | | K Jacksonville; KTRG | | AAT; 44' lowerAG and 41' lower ASL); same TL. |
| 43 | 5000 | 979 | V.A | Virginia Beach; WVBT | MIT | Atlantic City; WNAC-TV, ch. 53, which has |
| 61 | 5000 | 142 | 5 MI | Bay City; WVCI (amended) | 140 | been off the air for several years now; |
| | | | | | 1 | recently bought by Pennsylvania Pay TV, |
| | | | | RMIT MODIFICATIONS GRANTED A Visalia; KNXT | 1 | which owned MWSG-57 in Philadelphia when |
| | | | | Urbana; WCCU | ŀ | it operated as a STV station. Granted CP |
| 12 | 5000 | 1550 |) 11: | E Omaha; KPTM (now on the air) | | to reduce RRP from 2570 kw to 12.2 kw max; |
| 20 | 100 | 8/.0 | Pi | R Ponce; KPV (reported to be | | 280' AAT/280' AG/290' ASL. Signal will |
| 1~0 | 100 | 247 | - 1 | on the air 10/85, but | | barely cover Atlantic City. |
| | | | | unconfirmed) | CA | Cotati; MRCB-TV, ch. 22; granted MP to |
| 36 | 515 | 290 | T | K Odessa; KOCV-TV | 1 | change TRP from 51.65 kw to 68.229 kw max; |
| 138 | 5000 | 110 | 1 K3 | S Lawrence; KMCI | 1 | 2034' AAT/196' AG/2632' ASL (106' higher |
| 35 | 324 | 558 | P. | A Philadelphia; WYBZ | 1 | AAT. 120' higher AG; 112' higher ASL at |
| 114 | 4457 | 143 | 7 T | X Houston; KHBU-TV | 1, | the same TL. |
| 44 | 2741 | . 965 |) A. | L Gadsden; WMAL-IV | 141 | New York; UNYC-TV, ch. 31; granted MP to |
| 64 | 3228 | n.c | • C | A Barstow; KVVT | - | raise _RP from 890 kw to 2800 kw max; 1560' AAT/1584' AG/1596' ASL (266' higher |
| APF | PLICA | TION | S T | O CHANGE EXISTING FACILITIES | - | AAT and ASL; 304' higher AG at same TL; |
| 15 | 5000 | 108 | 8 G | A Cochran; WDCG-TV (CP) | 1 | must be a conspiracy going on.) Look for |
| 120 | 5000 | 17.1 | 7. G | A Urens: WCES-TV (CP) | | improvement in coverage area as well as |
| 1 53 | 10.0 | 280 |) N | J Atlantic City; WWAC-TV (CP) | | major seismic disturbances. |
| | 1206 | | | | | |
| 22 | 297.5 | 165 | 7 P | A Scranton; WDAU-TV (GP) | NV. | |
| 22 | 297.5 | 165 | 7 P | A Scranton; WDAU-TV (CP) R El Dorado; KTVE (CP) | :.v | Huntington; WPBY-TV, ch. 33; granted CP to raise EMP from 1037kw max/398 kw hor to |

5000 kw max: 1280' AAT/1076' AG/ 2026' ASL (same AAT; 5' higher AG; 23' lower ASL at same TL: also look for increased signal strength and major seismic upheavals.

MY Riverton; MFMY-TV, ch. 10; granted MP to raise MRP from 61.7 kw to 169 kw max; 1725' AAT/62' AG/7482' ASL (95' higher AAT: 17' lower AG and 16' lower ASL. same TL!)

C Fayetteville: WKFT, ch. 40, plans to begin operations from their new tower and increased ERP in April. 1986: see 10/85 VUD for details: they also claim to be the most powerful TV station in the world. No idea how they made that determination.

TN Knoxville; WTVK, ch. 26; granted M to change to channel 8. The FCC Review Board, reversing an initial decision which had granted the permit to Tennessee Telecorp. The Review Board ruled that the FCC Administrative Law Judge incorrectly denied WTVK the change because its owner. South Central Communications Corp. also owns other radio stations in the area. But the Review Board decided in favor of South Central, since its ownership of TV and radio stations was grandfathered, or in existence before the FCC passed rules against multiple ownership. The Board also had sympathy for MTVK because of the station's 30-year history of "exemplary" service to Knoxville. If another applicant were to get the channel, it would most certainly take NBC affiliation from WTVK.

CALL LETTER APPLICATIONS: NEW STATIONS CH C.L. STATE/CITY/APPLICANT

62 WJYS IN Hammond; Jovon Minority Be'g 29 KMPX TX Decatur; Karen L. Hicks 42 KMLM TX Odessa: Alfred Roever III

10 KWNM-TV NM Silver City; KOAT Television PR Naranjito; WMPE

64 WECN 25 KZRQ

AR Pine Bluff; Charles Ray Shinn

CALL LETTERS GRANTED: NEW STATIONS 42 KPTM NE Omaha; Harry J. Pappas 69 WRBV VA Fredericksburg; Rappahannock

Television Broadcasting Inc. 46 WSKA MI Port Huron; Haney Communicatins

60 WZZW VA Roanoke: Southwest Virginia TV PR Maranjito; MART (prior to the 64 WMPE above application to change)

HI Kailua-Kona; KSHQ

59 WKYU-TV KY Bowling Green; Western KY Univ. NE Grand Island; Family Broadcast-17 KTVG ing Company Inc.

CHANGES IN THE TABLE OF CHAMMEL ASSIGNMENTS MT Billings: change 2z to 2- (to accomodate new assignment in Jackson, WY; KTVQ will be required to change its offset)

UT Provo: change *11+ to *11- (to accomodate new assignment in Jackson. WY; KBYU-TV will be required to change its offset)

WY Jackson: add 2z and 11+

IN Evansville: change 44- to 44z (to accomodate new assignment in Harlan, KY)

We've Risen Above All The Rest!

With Our Tall Tower—WDBB's phenomenal new tall tower is the second talket man-made structure in the few world! Built by Kine ion and See Co. of South Cardina, the all bower makes WDBB the most powerful states in north

.... With Our Coverage—WD88's new tall lower will enable us to reach 24 counties in and north Alabamai And thei's including the Birmingham area with its 587,000 TV house

With Our Programming—MOGB's got more great shows more often than any other TV station in Alabama. NCAA Bastetaal, Matt Houston, Private Benjamin, Suga Burryn, The Three Spoops, and event vierring moriale event ryinglif Lucies shows well include hight Court, Cheers, Family Test, Nebessar and more! We've got the shows and we broadcast them court, Cheers, Family Test, Nebessar and more! We've got the shows and we broadcast them

FOR NATIONAL SALES INFORMATION OR CALL WORR-TV



KY Harlan: add 44-

TX Fredericksburg: add 2+

TX Midland: change 2+ to 2- (to accomodate new assignment in Fredericksburg; KMID-TV will be required to change its offset)

TX Amarillo: change *2- to *2+ (to accomodate offset change in Midland)

WV Keyser: delete *48+; add *30+ (to allow Contemporary Communications to construct a transmitter for WIVQ, ch. 52, at antenna farm SW of Cumberland, which would be short-spaced to ch. 48 in Neyser. West Virginia Educational Broadcasting Authority objected that this change would disrupt important services provided by WNPB-TV over translator W48AA in Keyser. Contemporary Communications replied that there should be no need for the translator to change its channel if there is no interference to WIVQ. Site restriction 5.7 miles west to protect *44 in Martinsburg.

MO Poplar Bluff: add 55z

CONSOLIDATED HEARINGS

Evidently the FCC no longer reports any hearings in the Federal Register. This heading therefore will no longer exist.

NEW STATIONS ON THE AIR CA Stockton: KSCH-TV. ch. 58z. went on the air 4/13/1986 (CP was originally granted 11/10/81); Station applied for construction permit modification a few months before going on the air, which I suspect is to update the permit in order to conform to necessary changes (a common practice). Although modification has not yet been granted. I am including it here as the probable engineering data: 5000 kw max ERP; 1214' AAT/1224' AG/1224' ASL; TL to KVIE (ch. 6, Sacramento) tower (licensed; KVIE has a CP to change to another tower about 15 mile further north): coordinates 38°14'50"/121°30'03". Independent station. Address: Schuyler Communications Inc., 3033 Gold Canal Drive, Rancho Cordova, CA. 95670

TX Odessa; KOCV-TV, ch. 36+, went on the air 3/24/86; 515 kw max ERP; 290' AAT/294' AG/ 3209' ASL: coordinates 31°51'59"/102°22' DEASSAI Educational station: address: Odessa Junior College District, 201 W. University, Odessa, TX, 79764. TL to KOCV-FM transmitter site, 201 University Blvd, Odessa. (as per modification reported last month)

VA Lynchburg: WJPR, ch. 21-, went on the air 3/23/86; 4207 kw max ERP; 421' AAT/1638' AG/964' ASL: coordinates 37019'14"/79037' 57"; TL to Flat Top Mountain, Bedford. Independent station. Permit conveyed last December from Carney Communications of Virginia to Lynchburg-Roanoke Television Partners Ltd. (But SRDS book for 4/15 still has Carney!) Address: 2820 Linkhorne Drive, Lynchburg, VA, 24503.

AL Florence; WTRT, ch. 26z, went on the air 4/19/86; 690 kw max ERP; 756' AAT/552' AG/ 1482' ASL; coordinates 34°34'38"/87°46' 57": TL 1 mile east of Crooked Oak, Florence, AL; independent station; address: Alabama Management Company, 4600 Jackson Hwy, Sheffield, AL, 35660.

WE Omaha; KPTM, ch. 42, went on the air on 4/6/86: Channel had been contested since late 1979, but initial decision favored Pappas over other applicant, which took the issue to the Review Board. The Review Board granted Pappas the CP on 10/29/84. Still unsatisfied, the competitor went to Board on 2/11/86. Eight weeks later, and the station is on the air. Busy little beavers, these Pappas people. Either that or else they were building the station while the CP was still in dispute. 5000 kw max ERP; 1556' AAT/1505' AG/2715' ASL; TL 19801 Pflug Road, Springfield, NE (in Sarpy County, about 15 miles SW of Omaha); coordinates 41°04'15"/96°13'30"; independent station; address: Pappas Telecasting of the Midlands, 4625 Farnam St., Omaha, NE, 68136. Stereo capable.

NETWORK CHANGES

MO Springfield: KSPR, ch. 33 to ABC; KMTC, ch. 27, to become independent; effective fall, 1986.

NE Omaha: WOWT, ch. 6, to change from CBs to NBC; KMTV, ch. 3, to change from NBC to CBS; date of change unknown. E-skip DX'ers TAKE NOTE! The action was taken by NBC. which is now in bargaining position over the other networks. Supposedly NBC wanted coverage over Lincoln, NE, which WOWT can provide but KMTV can't. That's a new one on me; I thought they both had coverage over Lincoln.

JOHNSTOWN, PA

The FCC granted sale of construction permit of WTHX, ch. 8, from Laurel Television Inc. to Avergreen Broadcasting, which owns WOPC. ch. 23 in Altoona. Although coverage of the stations will overlap, Evergreen will be allowed tooperate one as a satellite, and proposes WOPC-23 to operate as a satellite of

HARTFORD, CONNECTICUT

With minimal public criticism to its broadeast last fall of an uncut R-rated movie. Television station WTXX, ch. 20, began airing a few more uncut films with frontal nudity. Eventually the public started complaining to the station and the local newspaper. Other television stations in the area are trying to lure advertisers reluctant to be associated with the uncut films on WTXX. As WTIC-61 wrote to the advertisers. "Now you know what the XX stands for"

VHF-UHF CHANNEL SWAPS

The FCC dropped its plans to allow educational VHF stations to exchange their channels with commercial UHF stations in exchange for donations of money or equipment. But it will still consider channel swaps within the same bands. That is, VHF for VHF or UHF for UHF. Stations in the same band would be able to swap channels without being exposed to competing applicants for the channels.

UPDATE: SPANISH INTERNATIONAL COMMUNICATIONS In its initial decision, the FCC's Administrative Law Judge ruled that SICC was in violation of Section 310(b)(3) of the Communications Act, prohibiting aliens or their representatives from controlling broadcast licenses. The judge considers Rene Anselmo, president of SICC and SIN, to be the representative of Televisa, the Mexican television network. But the owners of the SIN TV affiliates, the FCC itself, whici backed up the Review including SICC, are appealing to the FCC Review Board, contending that the Communications Act has in past been considered by the Court of Appeals to prohibit actual control. rather than potential control, over broadcast licensees. The fight goes on.

PELETEXT UPDATE

For those who forgot, Teletext still exists. But the industry is having a hard time getting the public to accept it. For one thing, there are two separate systems fighting to become the United States standard, and the FCC refuses to make a decision on setting a standard. stating that it's up to the marketplace to decide which standard it prefers. One system. presumptiously named the North American Broadcast Teletext Standard (NABTS), is a merger of

two compatible systems, the French Antiope and Canada's Telidon. The other system's name is no less presumptious: Britain's World there is little agreement among others in the System Teletext (WST). As long as there is a industry. Too many special interest groups, potential for one of these systems to lose the battle, broadcasters and decoder manufacturers have not been too eager to promote the product. NABTS has excellent graphics capabilities, but is much more expensive than WST. WST is limited to alphanumerics. and sells decoders for as little as 300, but should not create unfair advantages of one the public simply isn't buying them.

New efforts are under way to promote WST. Taft Broadcasting has been producing Electra. its teletext service, for several years now, and Tempo Enterprises has been supplying that service to WTBS in Atlanta, which makes it available to cable subscribers all over the country through its satellite relay. Taft is now planning to have all twelve of its television stations pick up the teletext codes from the WTBS signal off the satellite, and transmit them over their Vertical Blanking Interval. Meanwhile. Zenith is selling top-of-the-line television sets with decoders getting cluttered already with new broadcast built in them.

DIRECT BROADCAST SATELLITE

Here's another ghost from the past. As it stands, there are only four companies remaining that have construction permits to build DBS satellites. They are: Dominion Video Satellite Inc., Hughes Communications, Satellite Television Corporation (STC, owned by Comsat), and United States Satellite Broadcasting (owned by Hubbard). STC is no longer interested in DBS. Dominion is in the process of purchasing two high-powered DBS satellites from STC

Speaking of ghosts from the past, the FCC isseeking comments from the broadcasting industry on whether or not to classify DBS and Subscription Television (STV) as broadcast services or as point-to-multipoint nonbroadcast video services, in which case DBS and STV would be free from statutory broadcast regulations. With only two STV stations remaining and no DBS in the near future, I wonder why the FCC is bothering. USSB wants DBS to be considered broadcast. I'm sure Captain Midnight would agree on that over against HBO, which wants it to be considered point-to-multipoint. SPACE, the outfit that opposes CBS's plans to scramble its satellite signal, also wants DBS to be considered a broadcast service.

But back to DBS. The financial outlook is dim. You remember how United States Communications Inc. jumped the gun with a 5-channel DBS service on an existing satellite, but lasted less than two years when it couldn't get enough subscribers. Hubbard and Dominion, two of the permittees mentioned above, don't have the finances to get their DBS system started.

"MUST-CARRY" RULE UPDATE

The National Association of Broadcasters, the Association of Independent Television Stations, and the National Cable Television Association presented their compromise agreement to the FCC, proposing that cable systems ish community. (L.A. Times, 4/15/86).

with more than 20 channels be required to carry some local television stations. But as usual. Howard University told the FCC that all minority-owned television stations be required on cable systems. Educational broadcasters feel that all educational stations should be required. Capital Cities/ABC and their affiliates argue that cable systems network over another (another being, of course. ABC).

STERFO TELEVISION UPDATE

Not all recent technological ideas have died. Stereo television, for one, is still going strong. Since stereo broadcasting began nearly two years ago, there are now more than 220 stations in the united states with stereo. Another 100 stations are almost ready to begin stereo broadcasts.

SPECTRUM SHARING UPDATE

As if the UHF band in the big cities wasn't stations, translators, low power stations and land-mobile assignments, the FCC decided last May (1985) to look into the possibility of land mobile and UHF television sharing the UHF band. The FCC proposed the allocation of 28 UHF channel assignments to land mobile. It then established a technical advisory committee to determine what amounts of interference from land mobile radio would be tolerated by the viewing public in the Grade B contour of a broadcast station's signal. The experiments are being conducted at the CBS Technology Center in Stamford, CT. Mobile radio interests, however, insist that no more experiments are necessary because a consulting engineer had already provided enough data for the FCC to adopt standards.

COMPETITION FOR SPANISH INTERNATIONAL NETWORK Radio Caracas Television, a Spanish TV network from Venezuela, will be providing programming to independent television stations and cable systems in the United States.

News from my area: WTGI-TV, ch. 67 in Wilmington, DE, is still not on the air. Now the station says it will be on the air around June 3. WOSCC in Hammonton, NJ is on the air and one person told me he has a friend who visually confirmed it. The Camden Courier Post is still listing ancient movies for it. In fact, if the movies get any older the station will be able to shut down its audio signal. W61AN, the Neward DE translator that rebroadcasts WGCB-49 in Red Lion, PA, has been changed to ch. 14 in preparation for the coming of WTGI-61. Its signal seems to be much stronger now.

Several articles from W.T. McIntosh. KSCI-TV (ch. 18. San Bernardino, CA), "the country's largest foreign-language TV station - it broadcasts programs in 15 languages " now has a new program, "Linea Abierta," a daily block of call-in talk programswith psychological, medical, legal and other topics for the Span-

The Justice Department took the opportunity to file its own opinions to the FCC with regard to the proposed overhaul of the "mustcarry" rule. It recommended that the FCC reject the cable-proadcaster industry proposal (discussed earlier) that cable systems with more than 20 channels carry a certain number of local stations, contending that the held April 28-30. Three areas of concern rule. if adopted, would restrict cable opera-were discussed at the meetings: (1) The FCC's tors programming decisions and compromise his ability to respond to subscriber demand. (Los Angeles Times, 4/26)

Commissioners decided to fine United Cable Television for failing to install 270 miles of cable in the San Fernando Valley by its January 31 deadline. The fine is \$186,200. The Board is willing to allow United to pay \$86,200 in cash and provide the city with \$100,000 in equipment, which United can obtain at a lower price. United will appeal the decision to the City Council, objecting that the penalty is unfair, since it did everything in its power to meet the deadline. (Times, 4/26)

The merger of Capital Cities and ABC has resulted in massive layoffs at four ABC-owned stations: 165 lavoffs in KABC (Los Angeles). KGO (San Francisco), WLS (Chicago) and WABC (New York). Rumors of additional layoffs proved to be false. (Times, 4/16)

One of the main topics of concern at the meeting of PBS and its affiliates at its annual convention is commercial advertising by noncommercial stations. About two dozen stations are doing it and PBS is concerned about its effect on PBS. Some broadcasters at the meeting suggested that some of their long time national underwriters may be reluctant to invest your gasoline dollars in programs that contain commercials for Cap's Comic Cavalcade. There's also that long time concern that reliance on local advertising money could pervert the purpose of educational television: to bring high-quality programming to the public. Besides, it's more fun to pay for Tenko, The Fugitive, or Star Trek at the gas pump or the Tax Office. (Los Angeles Times, 4/29. Snide comments mine)

Can you imagine the fun British educational stations could have airing some of our American syndicated trash under the guise of "culture"!!! I mean, I'll be the first to admit I enjoy Doctor Who but what kind of quality programming is it if they can't even afford to reshoot a scene where a fly was crawling around an actor's forehead?

Oh yes, Captain Midnight! I knew at least one WTFDA member would send me a clipping on this hero of something-for-nothing advocates. Sat & Sun they broadcast SelecTV over the Officials are sure that his signal must have air." So that makes two STV stations still come from a professional satellite transmission station, and there are only about 100 facilities in the USA with the ability to break into HBO's signal. One of the greatest ch. 53 in Atlantic City back on the air with fears is that he has the facilities to break into any satellite communications and disrupt the city. business or financial institutions, or even government communications. (Times, 4/29)

Financial problems for Christian Broadcasting Network. Due to a lack of expected donations, CBS is being forced to lay off 41 employees and sell its three television stations: WYAH in Portsmouth, VA, WXNE-TV in Boston, and KXTX in Dallas. (4/4/86) The PBS convention mentioned earlier was

proposal to adopt softer "must-carry" rules. (2) The federal government's plans to phase out its support of public broadcasting by The Los Angeles Board of Telecommunications 1992, and (3) commercialism of PBS, including commercial advertising and the establishment of the PBS Home Video Service that plans to market videocassettes later this year. (Los Angeles Times, 5/1/86)

Another situation that had been discussed some months ago was the case of Preferred Communications, the cable TV company that accused the City of Los Angeles of violating its constitutional rights. Way back when the city opened up the opportunity for cable TV. several companies made their bids. Preferred Communications was not one of them. The Franchise was granted to Sun Cable Inc. But Preferred came along later on and asked the city to lease space on city-owned poles for Preferred to run its cable. The city refused, naturally. Preferred then went to the San Francisco U.S. 9th Circuit Court of Appeals, claiming that the poles had the ability to carry more than one cable company, and that there was no justification in the city's allowing only one cable system. It also claimed that its First Amendment rights of freedom of speech were being violated. The appeals court ruled in favor of Preferred and. as a result. ruled that no city can grant a franchise to one cable operator when it had the capacity to support more than one. The City of Los Angeles took the case to the Supreme Court, arguing that the city's right to grant exclusive franchises does not violate the constitutional guarantee of free speech. Preferred argued to the court that the city was licensing speech. The city argues that there is no constitutional right for a cable TV company to construct cable lines on government property without permission from that government. The Supreme Court is expected to rule on the case in July. (Los Angeles Times, 4/30/86) Lastly, W.R. McIntosh writes, "Concerning

your April 86 VUD column...SelecTV is still being broadcast by KWHY TV22 in the Los Angeles. CA area. They are regular commercial TV weekdays until 5 pm specializing in financial and business news and features. then on weekdays after 5pm and nearly all day in existence (not counting LPTV), despite what recent articles have said. And I suspect that if Pennsylvania Pay TV gets WNAC-TV its 12 kw, it will privide an STV service for

Rovert Baker sent in a clipping from the 4/6/86 Des Moines Sunday Register about

new station KPTM, ch. 42 in Omaha. NE. It signed on the air 4/6 with independent programming, specializing in kids programs. movies (3,000 in their library), and syndibe from Iowa, and that its signal will cover most of Iowa's southwest counties. There will be no regular news programs, but will have news updates throughout the day. With the only Omaha UHF station being a PBS outlet, many area residents will have to learn how to get in UHF to receive it. (I wouldn't be surprised if many residents don't bother with UHF antennas if all they get is PBS.)

For Sports fans, or maybe even DX ers who get in a skip station playing baseball and would like to know what station they have, Bob Timmerman got a list from the 4/14/86 Sporting News. The paper also included AM and FM stations, but I will limit this to TV: Orioles/WMAR-2; Red Sox/WSBK-38; Angels/ KTLA-5: White Sox/WFLD-32: Indians/WUAB-43; Tigers/WDIV-4; Royals/WDAF-4; Brewers/WVTV-18: Twins/KMSP-9: Yankees/WPIX-11: A's/KPIX-5: Mariners/KIRO-7: Rangers/KTVT-11; Blue Jays/CFTO-9; Braves/WTBS-17; Cubs/WGN-9; Reds /WLWT-5; Astros/KTXH-20; Dodgers/KTTV-11; Expos/CMBT(English network) & CBFT (French network): Mets/WOR-9: Phillies/WTAF-29; Pirates/KDKA-2; Cardinals/KSDK-5; Padres/ KCST-39: Giants/KTVU-2.

Nate Ely sent an article from the 4/11 Isthmus. It describes a plan by New Yorker John Reilly to start up a series of unusual LPTV stations. The article also makes a few references to WMSN, which will be coming on the air soon in Madison, WI. Reilly is proposing an LPTV on ch. 59 in Madison, which will cater to the tastes of "educated, sophisticated viewers." The article also gives us some insight into programming strategies in order to describe Reilly's unusual strategy. "In TV, there are two predominant programming strategies: imitation, where network affiliates all run soap operas, national news, etc., at exactly the same time; and counterprogramming, where a station runs game Thunder Bay in Ontario have been receiving and kids' shows against the prime-time sitcoms and cop shows. Counterprogramming is what we'll get from WMSN when it starts up in late spring. Reilly, however, plans a third strategy for TV59 and three other LPTV stations he'll be building in upscale college towns. Part of his 24-hour schedule will imitate the pay-cable channels Cinemax and Bravo, combining foreign, classic and offbeat movies that were not box-office smashes. Another part will have a music-video format featuring a lot of local musicians and clubs interspersed with features on fashion and comedy, along with shorter pieces for which there is no direct analogy on TV. Unlike WMSN, TV59 will produce local news programming, but unlike WMTV, WISC & WKOW, it won't run a traditional 6 and 10 p.m. happy-talk news format. Rather, Reilly plans to have in-depth, investigative video reportage that will concentrate on a subject for a week or two."

Glenn Hauser clears the air on Miami chan-

nel 2. "WTMS-2 Miami has been gone for years. with WPBT fulltime on 2. Let's lay this one to rest once and for all! Revised 3/2/86???!" (referring to the list in the May VUD.) A cated programs. Being an Iowa newspaper, the recent TV Guide sent to Tom Yingling from John Register reports that 25% of the viewers will Combs suggests that Hauser is right. However, leven current data lists report that WTHS still as a license, even if it isn't broadcasting. The purpose of the lists I am compiling is to list all licenses, construction permits and construction permit modifications, even if they are not broadcasting. I am not listing what is broadcasting, but rather what is authorized to proadcast. Glenn also writes. "I'm still baffled by the ch 35 CP for Miami. WHERE ELSE are UNF stns licensed to one city only 2 channels apart?? Fullpower [sic] ones??" Actually, neither 33 nor 35 are licensed yet. There is actually no problem with a city having two television stations on second adjacent channels as long as their transmitters are at least 20 miles apart. This situation can exist with both stations still covering the entire city within its city grade contour. Actually, the proposed transmitters for 33 and 35 are 33.59 miles apart, based on their coordinates. There are other areas, mainly California, where a community has assigned channels that are required to be separated be certain mileages. For example, Fresno has channels 43 and 47. Modesto has 19 and 23. Sacramento has 29 and 31. Orlando, FL, has 24, 27 and 35 (IF taboo!). Glenn also corrects me on my reference to WJXT in the /86 VUD: That should be Jacksonville, not Miami. He also writes. "The Key West xltrs are finally on the air around April 1, per local press and signs of them on portable TV there: people no longer cable - or - else. But entire Keys xltr system is threatened due to multiple off-air feed, since new fullpower stns further up in FL can disrupt, e.g. ch 35 if it actually comes on. I'd think 30 & 36 on the west coast would mess it up already." Bruce Elving sent in an article from the

17 News-Tribune & Herald. It seems that communities along the northern shore of Duluth MN television stations on cable via a series of microwave relay towers. But because of maintenance costs for those towers one community's cable company decided to pick up the Betroit network stations off satellite instead. Now the Duluth stations are offering to help out in the maintenance costs before they lose coverage in the other communities.

Articles from Paul Gaines: The 11/13/85 Detroit Free Press profiled Michael Gurdus, an Israeli who monitors Soviet television for ABC and other news agencies. He uses a satellite dish to pick up transmissions from the Soviet Union, as well as European nations. He spends 18 hours a day monitoring television and radio transmissions over nearly a dozen radios. Imagine, making DX a lifetime job! NDIV-4 in Detroit was off the air one morning when striking technicians walked off their jobs back in Movember. Supervisors had to restore transmission. Local news programs were able to proceed as usual.

Lots of news from John Combs. One article says, "It took nearly 40 years, but the southernmost tip of the United States finally has free television. The rest of the country had had it that long, even the rest of Monroe County already has it. 'Key West was the last place in the county to get free TV, said Monroe County mayor Wilhelmina Harvey." "Harvey argued to have television towers financed by taxes placed throughout the Keys. The March 27 opening of a 170-foot signal relay tower in Key West's Sigsbee Park allows Key West residents free access to Miami channels 2, 4, 6, 7 and 10. The cost of the transmitter. \$800.000, was borne entirely by Key West

taxpayers." From another article, "Outlet Communications Inc. - in the midst of a leveraged buy out from the Rockefeller Group Inc. - is betting much of its financial future on the Atlanta television market. More specifically, Outlet's management expects to turn around the negative cash flow at its 'infant' station. WATL-TV Channel 36, and Make the station a major player in the market." "Outlet bought WATL in 1984 for about 29 million from Silverman-Morrow Broadcasting and an investment group headed by Atlanta Attorney D.R. Jones with the intent of getting in on the ground floor of rapid growth in Atlanta's broadcast market." "Running next to last (ahead of only WVEU-TV Channel 69) in the sign-on to sign-off ratings race with a 3 percent share of the audience, WATL captured 38.6 million of the market's evenues oast vear."

A third article has Ted Turner telling the Africa Travel Association that he is trying to get a satellite transponder available to transmit his Cable News Network to Africa.

John writes, "Apparently they finally got the Key West xltrs on the air. They had to keep changing the proposed tower site after objections by the FAA, the Navy, and others. At one time, Key West (and the Keys in general) might have been a DXers paradise no locals. Mow, with the 5 xltrs. CPs for 16 and 22 and applications for 3 and 13...well, guess it just won't be the same." "Some other translator observations: on a brief trip up to cities have CPs on adjacent channels. Perhaps the Carolinas and back. I passed through Brevard NC. I noted W59AR while there, but noticed that the direct signal from parent WUNF-33 was superior in most parts of town! Also noted that W22AC in Hartwell/Royston GA suffers from the strong signal of WHWS-21 from Paris Mountain..." "Several FL xltrs" days are numbered. WCIX-6 already lost W33AA when WFBS-33 came on. Now there are CPs for full-power UHFs on each of the 3 channels their xltrs occupy: 61, 64, and 69, WCIX-6 already has suffered in coverage and ratings due to their Homestead allocation necessitating too southernly of a transmitter site to cover the populous areas to the north of Miami." "WTOG-44's Ft. Pierce xltr W21AB will have to moce or decease when the new educational Ch. 21 there comes on. And WESH-2 will soon lose Melbourne/Palm Bay xltr W56BG to the new WAYK-56. W56BG has been very popular, especially in non-cabled areas of Palm Bay

where the off-air signal of WESH-2 left something to be desired." "By the way, am I correct in believing that they used to assign those 1000-watt xltrs only to channels actually allocated to the city in question?" They used to. That was one of the FCC's rules. I don't know if it still is or not. but they have allowed many translators on unassigned channels to operate 1000 watts TPO. "Speaking of LPTVs. Tallahassee's W17AB is listed in the newspaper there, but almost ignored by TVG. They do run a little blurg under the channel listing that says 'Tallahassee's Ch. 17, a low-power station, offers movies, syndicated shows and other programs of general interest, seven days a week. Great. They just described every station in the country." Not quite. John: That doesn't describe ch. 30 in San Bernardino. CA.

A card just in from John, "...on 4-26-86 I Logged the new WTMV-32 Lakeland FL with music videos. They have not been seen since. even when tropo to Orlando or Tampa is up, so it's possible that what I saw was part of a test. I had written them a while back for information and they are to be 24-hour music videos.

John asks while studying the 1986 TV Factbook, "Why has the FCC given CPs to one group (Mountain TV Network) for anywhere from 3 to 7 different LPTVs IN THE SAME TOWN?? Talk about monopoly! That is kind of strange." The FCC isn't concerned about the extent of a licensee's influence with respect to LPTV apparently. As far as monopoly, the channels were up for competing applications for some time before the permits were granted. Maybe the FCC felt it was in the community's interest to grant them if nobody else was interested. "Also strange are two CPs in particular: K37AA in Baker OR (I thought 37 was verboten--there was NO OTHER channel that would work? and K78AH Chester MT (I thought 70-83 were gone, kaput, lost to TV)." The ch. 37 grant puzzles me also. As for CPs outstanding above ch. 69, there are lots of them still around that haven't gone on the air yet. I haven't heard of the FCC still granting them for those channels. "Odd, too, that some the powers are so low, and the xmtrs so far apart...that they can do that??" Apparently, I seem to recall cases where a community had more than one on the same channel when I did the 1984 KLTR/LPTV List.

"I wrote to the permittee of WlOAX here in Jax, a firm called ATO Communications in Willoughby, Ohio. I received back a letter from an entirely different firm in Virginia asking very suspicious questions about what company I represented and why I wanted to know about WIOAX and where I had heard about it. They insisted that they could not possibly send me any information until I answered their questions!! Wonder why all the secrety? There has been zilch publicity about the LPTV here in the media, and probably only a few broadcasting professionals...are even dimly aware of it, so they may have been flabbergasted that someone would write for info on

Peorie A.7 (see "deletions") (Smith) AR Fort Smith K232BX 94.3 (KISR 93.7 Fort / AR Petit Jean State Park K296DD *107.1 (KLRE 90.5 Little Rock)

107.1 3000 h,v; 300' CA Bakersfield CA Barstow K228CO *93.5 (KFSG 96.3 Los Ang.) CA Femdale K265CC 100.9 (KEKA-FM 101.5 Eureka CA translator) [KRIJ 92.7 Paradise)

CA Gregon City ("Oregon House") K240BP 94.9/ CA Scotia K272CH *102.3 (KEAR 106.9 San Fr.) CO Dillon-Silverthorn K280CO 103.9 (KSMT 1023 Breckenridge)

CO Durango K228CM 93.5 (KDFM 103.7Silverton) CO Holyoke K244BS 92.7 (KOGA-FM 99.7 Ogalla (do Springs CO) CO Westcliffe K203AT *88.5 (KRCC 91.5 Colora-/ FL Apalachicola 105.5 (may change to 100.9)

3000 h v 330 FL Naples W244AO 96.7 (WTMI 93.1 Miami FL) FL Springfield 95.9 3000 h,v; 300' ID Lewiston KMJO *90.3 600 h,v; 1110'; g; Ed. Fo. ID Pocatello K204AL *88.7 (formerly K204AL Idaho Falls; Idaho Falls *88.7 now K204AX)-KCIR

90.7 Twin Falls translators. L Decatur W201AE *88.1 (WBGL 91.7 Champa'n)

IA Marquette K292DP 106.3 (KCTN 100.1 Gamavillo (A) - 1A Onews 102.3 3000 h.v. 300', with transmitter 4.5 miles west: about a one-mile shortspacing to KCHE-FM 102.3 Cherokee IA, resulting in KCHE-FM having to move to 92.1 (unless KCHE-FM petitions the FCC for a waiver to stay on 102.3, which is entirely possible)

KS Herndon K218AT *91.5 (KZNA 90.5 Hill City) KS McDonald K218AU *91.5 (" LA Baton Rouge W228AN 93.5 (KAJN 102.9 Criv)

ME Caribou WCXU 97.7 3000 h.v; 330'-replaces deleted WEST-FM (see "deletions") MI Ironwood W265AI *100.9 (WXPR 91.7 Rhine

lander WI; they must have gotten a waiver, since I mentioned last month such grants weren't possible according to current FCC policy) [Falls MN) MN Virginia W237AO *95.3 (KBHW 99.5 Inter. / MT Big Timber K213AU *90.5 (KEMC 91.7 Bill'gs) MT Deer Lodge 96.7 3000 h.v; -490' MT Glendive K203AS *88.5 (KEMC Billings MT) NE Kearney 102.3 3000 h,v; 300'-not Kearney

State College's KSCV, which stays on *91.3. NV Beatty K219AV *91.7 (KNPR 89.5 Las Vegas) NV Scotty's Junction (37-18-00; 117-15-30) K204-A7 *88 7 (KNPR)

NV Verdi K257CW 99.3 (KRNO 106.9 Reno) NH Enfield-Lebanon-Etna W240AK 95.9 (WTIJ 103.1 Waterbury VT-anybody know if WTIJ is\$?) NH Hanover-Plainfield W249- 97.7 (WTIJ) NM Armiio 107.1 3000 h.v; 300' NY Lake Placid W219AK *91.7 (WSLU 89.5 Can-/ NC Asheville W249AR 97.7 (WSPA-FM 98.9 Spar-

tanburg SC) ND Rugby 95.3 3000 h.v; 160'

OK Enid *91.1 405 h,v; 310', g; Bestg. Foundat'n. OK Lawton 94.3 3000h,v; 295' OK McAlester KZBX 104.9 1500 h,v; 450' OK Miami K249CF *97.7 (KCSC 90.1 Edmond)

OR Baker 104.7 100000 h.v: 1750' [CA) OR Corvallis K212AK *90.3 (KEAR 106.9 San Fr./ OR Eugene *88.1 100 h,v; 680', g. Ed. Found tion OR Prineville-Culver K265- 100.9 (KPRB-FM 102.9 Redmond) [90.1 Philadelphia)

PA Allentown-Bethlehem W214AC *90.7 (WRTI / PA Reading Temple W208AE *89.5 (WRTI)

* TX Comanche 94.3 1900h.v: 400' TX Fastland 97.7 3000 h,v; 205' TX Jacksonville KBJS *90.3 3000 h,v; 280' [Cove] TX Temple K280CP 103.9 (KOOV 103.1 Copperas/

TX Victoria 100.9 2500 h.v; 330' TX Wichita Falls *89.5 3000 h.v; 680', q. 'Christian Home"

IJT Brian Head least of Cedar City: south of Parowan) 98.1 52500 h.v; 2560' UT Panguitch K276IH (believe it or not-"IH" is out of FCC's alphabetical sequence) 103.1 (KMXU 105.1 Manti translator) [(KMXU) UT Rural Garfield County K292DO 106.3 / UT Rural Wayne County K272CI 102.3 (KMXU) WA Bellevue K280CQ 103.9 (KRBD 103.7 Tac.)

WY Mammoth Hot Springs K280CS 103.9 (KID -FM 96.1 Irlah o Falls ID): see also "Facilities Changes" for Mammoth Hot Springs! BC Abbotsford (near Lyndon WA, with U.S. A. service expected) 104.9 16000 h,v

BC Atlin 90.1 7 watts (CFWH AM relay, assumed to replace CFAT-1, 93.9; see "deletions") BC Chilliwack 105.5 640 h,v (Sechelt) BC Egmont 107.5 CISQ-1 1 watt (30 km N./ ON Parry South 103.3 CFBO 103.3 1700 h.v.: mr format to duplicate AM for six months and then CFBQ AM will delete, leaving the call letters on FM the way they appear here ON Toronto 88.7 22 w, e[thnic], CIRC radio

89.5 CIUT 15000, community, U. of Toronto, †E[thnic] SCA 97,3 m (with some i, e) 4000 h,v

NW Hay River 100,1 300 watts; owned by CJCD AM in Yellowknife Facilities Changes Granted

AL Alexander City WSTH 106.1 now k, "New South 106," giving legal calls usually at 10 to the hour; now on with vastly improved coverage at 100000 h,v; 985', with 1X (telemetry) SCA at 67 kHz: "... Their signal has greatly increased. During weather breaks they give temps for Auburn-Onelika as well as Columbus GA, and time is given with eastern zone first then central. WSTH is almost constantly in over WZLI Toccoa GA, something that never happened when it was WRFS-FM."

AL Andalusia WKYD-FM 98.1 980' (100000h,v) AL Chatem WCCJ 106.1 (from 103.1-so WHER Hattiesburg MS can move tower and stay Class C AL Montgomery WREZ 103.3 adds v, 100000

h v 990' AK Wasilla KGOD *90.3 58000 h,v; 320' AZ Benson KAVV 97.7 630 h.v; 590' AZ Kingman KZZZ 94.7 45000 h.v: 2490' AZ Prescott Valley KIHX 106.3 470'; 1400 h,v (power estimated, since height raised to a point where former power had to be reduced to keep coverage within Class A parameters) AR Little Rock KUAR *89.1 73500 h. 100000

v (more v than h power!); 270' AR Yellville KCTT-FM 97.7 3000 h,v (330') CA Barstow KDUC 94.3 330' (assumed: FCC says 350', but too high for 3000 h,v)

CA Desert Hot Springs K261BW 100.1 (from K272BC 102.3) CA Eureka KPDJ 92,3 32500 h,v; 1525'

K2761G (believe it or not!) 103.1 (from K292BL 106.3) CA Garberville K280- *103.9 (from K288BX/ CA King City KLFA 93.9 (from 92.1) 50000 h,v; minus 74 feet.

CA Long Beach KNAC 105.5 1150 h.v: 455' CA Modesto K209AL *89.7 (from K292BR

CA Oakdale KDJK 95.1 29500 h,v; 630' (96.7) CA Project City K221CO *92.1 (from K244AY/ CA Susanville KSUE-FM 93.3 (from 92.7) 100000 h,v; 1155'; affects one translator

CA Willits K204AY *88.7 (from K288BJ 105.5) CA Yucca Valley KROR 106.9 4000h,v(1275')

Bruce F. Elving, Ph.D., Editor 241 Anderson Road Esko MN 55733-9413

Contributions welcome!

CO Avon KZYR 103.1 1500 h.v: 460' CO Lamar (new) 105.7 450' (100000 h v) CO Sterling KMXX 105.5.300' (3000 h v) CT Willimantic WILI-FM 98.3 1250 h.v. 525' FL Clearwater WN LT 95.7 605' (100000 h,v) FL Homestead 95.7 455' (100000 h,v) FL Mary Esther WYZB 105.5 330' (3000 h,v) FL Miami WDNA *88.9 2300 h,v (710') FL Ocala WFUZ 93.7 525' (100000 h.v) FL Pensacola WMEZ 94.1 1330' (100000 h.v) FL Riviera Beach WNJY 94.3 1400 h.v (470') FL Tallahassee WAMF *90.5 (does not move tn *90.3) GA Atlanta WVEE 103.3 1020' (100000 h.v) GA Columbus WCGQ 107.3 1010' (" its ID with Valdosta; \$tereo; P network

GA Wavcross WXVS *90.1 (from 91.5); gives IL Chicago WBEZ *91.5 8300 h.v:1180' on air with these facilities, from J. Hancok Center IA Cherokee KCHE-FM 92.1 (from 102.3; see note under "New Stations" for Onawa (A) KS Arkansas City K244CJ 96.7 (from K272BZ

KS Derby KRZZ-FM 95.9 1350 h,v (480') KS Wichita KLZS 97.9 adds v. 100000 h.v 1035' LA Baton Rouge WYNK-FM 101.5 1280' (100000 h.v)

LA Maurice KFXZ 106.3 1300 h.v: 495' ME Presque Isle WDHP 96.9 1480' (100000h,v) MD Bethesda WTKS 102.3 1350 h v.(480') MI Ann Arbor WCBN *88.3 200 w (h): 175' MI Dearborn WHFR *89.3 270 h.v (60')

MI Grand Rapids WFUR-FM 102.9 50000 h.v (500', directional antenna assumed dropped) MN Minneapolis KTCZ 97.1 100000 h.v. directional; 235'; transmitter New Hope MN; this and KMGK's move (see "Call Letters") tied together, as they are 29 channels, or 10.8 mHz apart, which can give imaging interference in receivers having 10.7 mHz IF sections, which is the majority of FM radios in use today. MS Fulton WFTA 101.7 1350 h,v; 480' MS Moss Point WKKY 104.9 3000 h.v: 330' MS Winona WONA-FM 96.7 3000 h.v: 330' MO Cape Girardeau KEZS 102.9 980' (100 kw) MO Kansas City KLSI 93.3 1055' (100000 h,v) MT Great Falls KCMF *91.9 (from 91.3) MT Havre KPQX 92.5 96000 h,v, dir. ant (1790') MT Malta KMMR 100.1 330' (3000 h,v) NE Omaha KEFM 96.1 1440' (100000 h,v) NJ Brick Town WBGD *91.9 195 w (h): 57 feet NJ Millville WMVB-FM 97.3 50000 horizontal only: no vertical (rare these days in a commercial station); 205 feet above average terrain NM Santa Fe KLSK 104.1 1875' (100000 h,v) NY Felts Mills-Great Bend (from Watertown) W203AB *88.5

NY Hemostead WKJY 98.3 330' (3000 h.v) NY Richville (from Gouverneur) W261AB 100.1 NC Henderson WYFL 92.5 990' (100000 h.v) NC Laurinburg WSTS 96.5 80000 h,v; 755' no directional antenna assumed NC Whiteville WZFX 99.1 adds v. 100000 h.v. OH New Lexington WWJM 106.3 330' (3000h,v)

OH Steubenville WRKY 103,5 16000 h, 12500 v (880') OH Wellston WKOV-FM 96,7 1750 h,v; 430' OK Ardmore KEBO 96.5 (from 92.1) [580' PA Bloomsburg WHLM-FM 106.5 35500 h.v: / PA Clarion WCCR 92.7 280' (3000 h.v) PA York WSBA-FA: 103.3 6400 h.v; 1305',

eliminating directional antenna SC Goose Creek WLNB-FM 94.3 1350 h,v; 490' SC North Augusta W296AJ *107.1 (from W269-

TN Sevierville WMYU 102.1 15000 h,v; 1980', reduces coverage somewhat

FCC-- EM

retains 67 kHz data

Does [W] SEX Help An Arlington Heights Station?

MD Frederick *88.1 WJTM (WFXM) MD Salisbury 105.5 WLVW (WKYZ) [-FM) MI Charlevoix 105.9 WKHQ, FM" (WKHQ-/ MI Muskegon 104.5 WSNX-FM (WSNX); non-

translator, from K249CD, a KUFO 104.7 Lameea translator TX McAllen KVMV 96.9 1145' (100000 h v) TX Sherman K228CN 93.5 (from K261RII

VT Bellows Falls WBFL 107.1 1150 h.v: 530' VA Norfolk WYFI 99,7 455' (50000 h.v) WA Cheney KEWC *89.5 10000 h.v. 1410' WV Milton WAEZ 106.3 260 h.b: 1090' WV Sutton WCKA 96.1 25000 h,v; 195'

TX Austin KPEZ 102.3 1300 h v: 450'

TX Houston KPFT *90.1 adds vertical: 100000

h,v; 430'; has east Indian SCA at 92 kHz, and that

that company is hoping for similar SCA outlets

in Washington DC and Dallas via satellite; KPFT

TX Lubbock K249BQ 97.7, a KQIP Odessa

WY Mammoth Hot Springs K288- 103.9 (from K280AH 103.9: see "New Stations Granted") WY Rock Springs 95.1 1635' (94000 h.v) BC Pritchard CFFM-7 106.3 new, unannounced height (61 watts h; directional antenna assumed

dropped) NS Liverpool CKBW-1 94.5 8700 h.v (300') PQ Baie St-Paul CIHO 96.3 2200 watts PQ Chicoutimi CBJ-FM 100.9 50000 h.v (295')

CBJE 107.9 50000 h.v (295') PO Lac Megantic CBF-6 91.3 (from 93.7) 590 YT Whitehorse CHON 98.1 (from 88.9) 49 w/

Call Letter Changes or Grants AL Abbeville 94.3 WIZB (WXLE); still s, still mono; still Z network; dual city ID with Dothan; slogan "The Hitmotizer," but always used with call letters, so no non-ID

AL Muscle Shoels *89.9 WBTD AZ Phoenix 101.5 KAMJ (KONC), m music (from classical); affects two translators AR El Dorado 95.9 KIXK (KCAJ), "Kicks-96." r AR Hot Spirnes 106,3 KLAZ (KACQ) CA Carlshad 95.9 KKOS (KKOS-FM) CA Fresno 101.9 KFRE-FM (KFRY; wasn't the original KFRE-FM on 93.7?)

CA Laurel *91.1 K216AX CO Colorado Springs 101.9 KKCS-FM (KKCS) CO Crested Butte *90.3 KIEG

CO Eagle 101,5 KEYQ (KGMJ), now r - affects five translators CO Greelev 96.1 KISF (KGBS)

CO Pueblo 107.9 KRYT CT Shelton *90.1 w WRXC FL De Land 105.9 WOCL (WELE); adds Orlando

to its ID; "Class-FM," rock (from k) FL Jacksonville 107.3 WCRJ"-FM" (WCRJ-FM): non! D assumed dropped FL Lady Lake 99.3 W257AP (not W257AQ);

ocrrect FM Atlas map p. 33-not 98.3 FL Miami Beach WSST 94.9 (from WINZ-FM) FL Micanopy 97.7 WGGG-FM (WGLV)

FL Safety Harbor 92,1 WXCR (WJQI); back to c[lassical]; affects two translators FL Titusville 98.3 WSCF (WAJX); k

FL Williston 92.1 WLLO (WJRQ), "Willow-92." ID with Ocala-Gainesville; m (was k), but an upbeat m: "haven't heard Norrie Parramore vet"

GA Athens *91.3 WCAC - add to 10th edition FM Atlas, p. 98: 16 mi. coverage GA Fort Valley *91.3 WJTG (WHGW)

GA Tifton *91.1 WPLH GA Washington 100.1 WLOV-FM (WLDV"-FM") ID Sandpoint *90.1 KGTB IL Chicago 95.5 WRXR (WMET), mr or rm, no

noniD; uses call letters frequently [lives! IL South Jacksonville 105,5 WJVO (WYOB); it/ IN Bluffton 100.1 WBGT (WCRD) [93 (strict)

IN Indianapolis 93.1 WEAG (WNAP), r, Eagle-/ IA Des Moines 93.3 KKXI (KMGK), "New 93," still k[ountry] IA Dubuque 1023 KOKX (KIYX)

IA Pella 103.3 KFMD (KXJX)

KS Wichita *88.3 KCEV"-FM" KY Henderson 103.1 WGBF-FM (WHKC) KY Scottsville 99.3 WVLE (WLCK-FM) ME Camden 102,5 WMFT (WESK) ID assumed retained MN Angka 107.9 KMGK (KMGW): still "Mag-

ic 108" (strict); still m with some light rock, but says "all love songs." Announce that call letters" are spelled M-A-G-I-C." Height to change to 1090' (100000 h.v); facilities' change granted, with transmitter to be in Nowthen MN, north of Anoka, east of Elk River, still directional; tower to be shared with WCTS * 100.3, which is appealing for listeners for financial help in making the

MN Brainerd 106.7 WJJY-FM (WJJY) JJY-FM MS Centreville 104.9 WZFL-FM (WZZB) MS Pascagoula 99.1 WPMO-FM (WPMO); ID with Billoxi-Gulfport-Mobile AL (dropping Moss Point): nonID assumed dropped MT Forsyth 101.3 KIKC..-FM" (KXXE) NE Lincoln 106.3 KHAT-FM (KHAT); nonID assumed dropped

NV Las Vegas 101.9 KFMS-FM (KFMS): affects eight translators

NH Rochester 96.7 WCYT (WXKZ) m: "The New 96.7" (strict giving calls only once/hour) -ID as Rochester-Dover-Portsmouth, with planty of time, temperature announcements, Soft Rock"

NC Kannapolis 99.7 WRFX (WJZR), now rp, "The Fox," giving frequency as 99.7, not rounded to "100," move to rp seen as improving ratings, which had been No. 8 in the Charlotte market; dual city ID with Charlotte. OH Caldwell 104.9 WNQV OH Milford 107.1 WJOJ"-FM" (WRXY..-FM")

OH Ottawa 106.3 WOTL (WPNM) OK Broken Arrow 92.1 KCMA (KQZZ); now c has not been successful since the original owner

OK Enid *91.1 KBVV (see "New Stations") OK Owasso 106.1 KVLT-FM (KVLT); affects two translators

OK Poteau 97.9 KZZE-FM (KZZE); nonID assumed retained

PA Bradford 98.3 WBRR PA Mechanicsburg 93.5 WTPA (WTPA"-FM") PA Pittsburgh 92.9 WLTJ (WPNT)

SC Columbia 103,1 WMMC (WDPN); s[oul] SD Yankton *90.7 KIEO

TN Elizabethton 99.3 WUSJ-FM (WUSJ) TX Abilene 107.9 KFMN (KFMN-FM)

TX Del Rio 94.3 KDLK (KLKE); rm music TX El Paso 93.9 KEZB-FM (KEZB); r."8-94" TX Seabrook 92.1 KLEF (KYND): now c [lassicall; affects three translators, all attempting

to rim-shot Houston TX Wichita Falls *89.5 KMOC UT Brian Head 98.1 (see "New Stations") /

VA Lynchburg 101.7 WXYU (WJJS) VA Norfolk 98.7 WNOR"-FM" 9WNOR-FM) WA Deer Park 107.1 KAZZ (KNOi); affects one translator

WA Pasco 98.3 KEYW (KTCW) WA Seattle 95.7 KLTX (KIXI-FM); affects four translators WA Tacoma 106.1 KRPM-FM (KRPM): non10

assumed dropped WA Yakima *91.1 KYWBW W/ Milwaukee 95.7 WBGK (WOMN); r. top 40. WI Rice Lake 97.7 WAQE (WAQE-FM) ON Cornwall Island 97.3 CHOM (not CKON);

\$. re. rock and native Indian programming PQ Rawdon 103.5 (to change frequency)

June, 1986 Multi-City IDs in Use AR Mountain Home KKTZ 107.5 with Harrison-West Plains MO Fort Myers FL Lehigh Acres WOOJ 107.1 adds Cape Coral-/ FL Maccienny WBKF 92.1 adds Jacksonville: reporter heard black gospel on a Sunday night; otherwise it is k format. He claimed call letters he heard were WJXR, but I list no change from WBKF, and I show it as having \$tereo MI Jackson WJXQ 106.1 adds Lansing Battle Creek, Q-106 (strict)

NV Henderson KMZQ 100,5 adds Las Vegas; "Klassic 100 FM" NC Washington WDLX 93.3 adds Greenville-

New Bern: 93-DLX, top 40 OR Salem KXYO 105.1 ID with Portland SC Dillon WZNS 92.9 with Florence-Lumberton NC "7-93"

SC Hanahan WAVF 96,1 with Charleston; "Never could get a legal ID"; only hears "96 Wave FM... Wonder how they spell Wave?" [\$tereo?] TX Canyon KAKS-FM 107.9 with Amarillo, r FMistakes-10th ed. "FM Atlas"

IL Elgin WJKL 94.3 p. 99, †M SCA omitted MS Artesia WZIX 100.1 should be on p. 106; is found with New Mexico, p. 109 OK Henryetta KOMJ (not KISI), p. 148, Now

"Magic," rm, ID with Tulsa Formats/Networks

CA Sacramento KAER 92,5 m[iddle of road] CO Colorado Sprinos KKFM 96.5 rp. "Classics" CO Pueblo 107.1 KUSN 107.1 k. "US-107." \$? FL Miami Beach 93,9 WLVE ri (jazz nitely 8 pm to 7 a m b

NY New York WNSR (WRFM) 105.1 r, "NY's FL Arcadia WOKD 98.3 k (from r), OK-98 FL Crystal River WKTK 98.5 rm, now IDs with

Ocala-Gainesville (not Homosassa Springs); KTK-98.5; affects one translator FL Port St. Joe-Panama City WJST 94.5 rm, "not

rock," but soft adult contemporary FL Titusville WSCF 98.3 mr, "Your station for great memories." hits of '40's and more recently IL Arlington Heights WSEX 92.7 r ("This station had it as WNWC with block-formatted

programs") IL Dundee WCRM 103.9 no I net (has USA Network); no noni D; still g[ospel] IL East St. Louis WMRY 101.1 m [-103" IL Rockton WRWC 103.1 m. UPI network. "FM/

IN Greensburg WRZQ 107,3 r. "Ritzy-107" (not strict) IN Indianapolis WXTZ 103.3 mr ("not b. like WEZW 103.7 Wauwatosa Milwaukee") IN North Manchester WBKE *89.5 rock, mono, like WFCI *89.5 Franklin, which just came on 89.5. having moved from 89.3: WFCI also mono:

both stations horizontal only IN North Vernon WNVI 106.1 r: adds Seymour Columbus to its official ID utterances IN Versailles WOVR 103.1 owner Henry Ruh [KREC writes, saying not k, nor r, ubt "adult contemporary": color 'em mk.

MI Battle Creek WMKG 95.3 rs. "Magic" MI Birmingham WMJC 94.7 sr, no more "Magic"



nonfD; always uses call letters, drops "Magic" for fear move to soul will cause people to call it "Black Magic."

MI Holland WTHS *89.9 s[out] MI Bay City WHNN 96.1 r, "Sunny" MI Pinconning WWRM 100.9 k ME Brunswick WCLZ 98,9 r (from r and m)

MN Hibbing WTBX 93.9 r ("History of Rock & Roll" days; hard rock nites); no nonID; no network; automated, no longer seems to give time or temperature (affects four translators) KY Louisville WVEZ 106.9 m (from b) LA Monroe KJLO 104.1 k MS Petal WMFM 106.3 m: new on air and DX ready (1800 h,v; 400'); k not known if \$tereo MO Kansas City KBKC 94,9 s out NE North Platte KSRZ 94.9 rm NY Elmira WECW *95.5 no A network NY Homell WKPO 105.3 Y network NY Rochester WEZO 101 3 m NY Wellsville WJQZ 93.5 0 (CBS RadioRadio) NY Wethersfield WUWU 107.7 rp; applies for new

call letters NC Elizabeth City WRVS *90.7 s. not known if\$ NC New Bern WSFL 106.5 r (from rs; now top 40 "The Right FM" NC Winston-Salem WSEZ 93.1 rp ("hard AOR").

still Z-93 with data SCA, 67 kHz WKZL 107.5 r (top 40), "Hits Plus" OH Van Wert WERT-FM 98.9 mr, no longer b PA Bloomsburg WBUQ *91.1 rp PA Indiana WOMU 103.1 r[ock] RI Wnonsocket WNCK 106.3 rm. "Wink-106" SC Altendale WYXZ 93.5 r[ock] TN Kingsport WTFM 98.5 mr; affects 1 translator TX Houston KUHF *88.7 adding about 8 hours a day of c in wake of loss of full-power Class C KLEF 94.5 (KLEF now 3 kw Class A, 92.1). KUHF now ic. and KUHF adds 92 kHz SCA. Multicomm Telecommunications. TX Bandera KHLC 98.3 k TX Diboll 95.5 KAFX-FM r. "K-Fox"

WI Sauke City WSEY 96.7 m; advertising on billboards in Madison BC Abbotsford 104.9 (new) and BC Chillwack 107.5 (new)-to be m, "pleasant, familiar melodies"

TX McAllen KVMV 96.9 G net (from UPI)

VA Roanoke WVTF *89.1 cj (affects 1 translator)

UT Tremonton KKVU-FM 104.9 r(ock)

Slogans which are Non IDs

AR Osceola KHFO 98.1 Rock-98 DC Washington WHUR 96.3 Music 96 WASH 97.1 Wash-FM

FL Holiday WLVU-FM 106.3 Love-FM FL Apopka WTLN-FM 95.3 Love 95 (same reporter listed WGAG 89.3 Orlando as religious; I list WGAG as deleted)

Ft. Key West WKRY 93.5 Key-93, b: was supposed to have classical Sundays 10 am to 2 pm, "but when Sunday came, nothing but their usual elevator music; some one forget to program the automation?" Not known if stereo. FL Port Charlotte WEEJ 100.1 FM-100 FL Palatka WNFI 99.9 Hot Rocking Flame Throw

FL Stuart WRIT 92.7 Treasure Coast Radio, FM/ FL West Palm Beach WNGS 92.1 Lite-92.1 GA Carrollton WBTR 92.1 B-92, no Y network, now "Satellite News Network"

GA Savannah WCHY 94.1 94-CHY WJCL-FM 96.5 JCL-FM WZAT 102.1 Hot Rocking, Flame Throwing

(but another source said still Z-102) IN Columbia City WZRO 106 3 back on air as o' 4-12-86, Z-106 (strict), \$, r[ock] IN Crawfordsville WNDY 106.3 Now Music 106 (not strict), still re IL Godfrey WLCA *89.9 FM-89 LA Baton Rouge WGGZ 98.1 Z-98, "Hot Rocking, Flame Throwing MO Ferguson KCFV *89.5 V-89, rp MO St. Louis KHTR 103.3 Power 103.3 (strict) N.I. Atlantic City WMGM 103 7 104-MGM (not /

NJ Trenton WKXW 101.5 The Menesterion: still ID-ing with Fairless Hills PA? NC Eden-Greensboro WKLM 94.5 now b, "Classy 94.5"; data SCA at 67 kHz remains

NC Greensboro WNAA *90.1 The One WOMG 97 1 97-FM NC Plymouth WKLX 95.9 Kix-FM NC Winston-Salem WFDD *88.5 FM-88 OH Toledo WKKO 99.9 K-100, still k[ountry] ID not strict); ID with Bradford-Dubois

PA Braddock WMYG 96.9 Magic Y-97

PA Greensburg WOKU 107.1 K-Rock 107, p (heavy metal, automated) PA Mercersburg WGLL 92.1 92-Gold RI Providence WWLI 105.1 Light-105 SC Charleston WXTC 96.9 Literock 97-FM SC Conway WYAV 104.1 Wave-104 SC Orangeburg WTCB 106.7 B-106, must be a

format other than giospell TX Corsicana KAND-FM 107.9 K-108 TX El Paso KFIM 92.3 (not KFIN, as given on p. 117 10th ed. FM Atlas) 92-K VA Richmond WRXL 102.1 XL-102

VA Roanoke Rapids WPTM 102.3 no non-ID. savs "WPTM. FM-102" VA Warranton-Manassas WMJR 107.7 no nonID. says "Goldhits WMJR"

Stereo or to be Stereo

AR Ashdown KMLA 103.9 AR Marion KFTH 107.1 g, "Love-107" (not / CA Rohnert Park KRPQ 104.9, k[ountry] music CA Taft KTI M 103.9. CT Stamford WEDW-FM *88.5 FL Vero Beach WCXL 101.7 (Radio" GA Waycross WXVS *90.1, "Peach State Public / ME Caribou WFST-FM 97.7 WWUF 97.7 "Big Wuf 97 FM is now in stereo; pop 40'

IL Elsah WTPC *95.5, PC-95, and obviously back on the air and DX ready (or will they close for the summer vacation?) MS New Albany WTMX 106.3, r[ock], "Max-/ MO Joplin KXMS *88.7, "all classics (c) format No SCA at present, operates 6 am to 12 midnight, 7 days, no P [NPR]." Has vertical polari-

zation only. OH Hillsboro WS RW-FM 106.7—after saveral decades as a monophonic station; it's good to check your old mono standbys and let us know when they embrace stereophony

OR Springfield KQFE *889, being bought by Family Radio, all of whose stations are, or will be. Stereo

PA Stroudsburg WSBG 93.5, "Power-93." (Power -92 92.1 is rumored to be the slogan of WLNG-FM Sag Harbor NY-one of the last remaining

monophonic stations on Long Island.
TN Chattanooga WUTC*88.1 "'bout time, m right? Still simulcasting WUOT *91.9 Knoxville TN"

WA Longview KJVH *89.5, Family Radio WI Milladore WGNV *88.5 g (mostly contemp.); plays 75% music, 25% other programs, quite an interesting station; no network; "Victory-88" (not strict). When carrying preaching programs that ask for contributions, the station save it is a noncommercial station that does not charge for its time, and "you don't have to donate to the program." I have heard the board operator fade down the program when the appeal for money was given. Since I enjoy Christian radio, I find this a refreshing way to handle the problem of handling funds' appeals by broadcasters on a noncommercial station, and wish other broadcasters in the 88-92 mHz part of the FM spectrum would utilize this approach

BACK ON THE AIR WITH HIGHER POWER

AL Huntsville WOCG *90.1 25000 h; 230'; having installed a new Harris 10-kw transmitter: on 18 hours a day.

OROPPING STEREO FL Milton WEGS *91.7, 24 hours a day-mono

, g, "Ministry in Music."

OFF THE AIR

CA Garberville KERG 104.7 had been at 2000 w. but fire season came May 1, and the station to PA St. Marys WKYN 97.5 97-KYN, r, \$tereo (non have complied with radio radiation restrictions would have had to increase tower height to be above that of a fire tower only 66' where human beings work. Station said it cannot afford to comply, so it simply went off the air. List as off air, but not deleted. Watch for further developments in this amazing story, and remember your friendly local FM station(s) can be hazardous to your heal th I

ON AIR (2) AND DX READY

IL Joliet WJCH *91.9 \$, g, no SCA. Has been on and off the air sporadically; probably because of maladjustment of station's satellite receive antenna. Like other Family Stations, expect this one to be a clone, getting its programs exclusively off the bird. Only local announcement I heard over two days of listening were the hourly station identifications; no time or temperature announcements, but plenty of opportunities announced to write in and donate.

DELETIONS

AZ Peroria 103.5 (replaced by Glendale; see "New Stations")

CO Dillon-Breckenridge K237BI 95.3 (replaced by K237BI Breckenridge; I had the same translator listed twice)

BC Atlin CFAT-2 93.9, assumed so because of new Atlin on 90.1, also a CFWH (AM) rebroadcaster

SCA-67 and 92 kHz-Activity

FL Boynton Beach WRMB *89,3 †X 67 kHz telemetry IL Chicago WMBI-FM *90.1 192kHz data (in

addition to gospel on 67 kHz) IL Crest Hill WCCQ 98.3 "CCQ," no SCA (had

ABC news relay) IL Evanston-Chicago WOJO 105.1 92 kHz foreground music (67 kHz continues to be

Muzak's hackground service) IL Rockford WZOK 97.5 tX (data), 92 kHz IL Skokie-Chicago WCLR 101.9 92 kHz (same data as on 67 kHz)

MI Ann Arbor WUOM *91.7 IL Farm Bureau, "Agri-Visor." on 92 kHz with clear voice (with occasional data bursts when there is no talking) MI Battle Creek WKFR 103.3 92 kHz 1X (occasional low frequency tones; possibly testing for something else, or telemetry)

MI Birmingham WMJC 94.7 audio backup studio -transmitter link for WHND AM, but its uses is too infrequent to warrant a listing (67 kHz) MI Coldwater WNWN 98.5 † MT at 67 kHz. This SCA consists of a relay of WHEZ 1560 Portage MI from the studios, apparently in or near Coldwater, to its transmitter days; has WTVB 1600 Coldwater at nights. On all the time. MI Grand Rapids WOOD-FM 105.7 no 67 kHz

any more-gone are its daily 3 a.m. Mutual-Amway Multicomm announcements--Multicomm data only on 92 kHz now, no voice; 67 kHz only has occasional telemetry, with carrier almost always off

WVGR *104.1 92 kHz "Agri-Visor." IL Farm Bureau with voice and occasional data bursts MI Detroit WDET * 101.9 92 kHz data (multi-

MI Kalamazoo WQLR 106.592 kHz "Agri-Visor," with other stations like it (such as WAUR 107.9) Aurora 1L) having blended data in the 67 kHz voice background. Not using 92 kHz for data, as erroneously given in the 10th edition "FM Atlas." Only KLYF 100.3 Des Moines IA known to separate the voiced farm news on 67 kHz from the data by using 92 kHz.

NV Henderson KMZQ 100.5 1X data NV Las Vegas KUDO 93.1 1X data KKI 7 96 3 TY "7-96"

ECC_fm

KLUC 98.5 †X (all: of above at 67 kHz) NC Asheboro WKRR 92.3 no SCA (had 67 kHz music); now "Rock-92" slogan on main channel NC Greensboro WKSI 98.7 no SCA (had music)

NC Lexington WKOQ 94.1 no SCA (had music) NC Salisbury WRDX 106.5 no 67 kHz (only open carrier; used to relay AM); 92 kHz is rock (foreground music); main channel is soft rock OH Dayton WWSN 107.7 talk and music (soul) on 92 kHz, simulcasting WDAO (AM) for full time signal to the public via SCA, retains 67 kHz †X Tx Houston KPFT *90,1 92 kHz †E (ethnic)

KODA 99.1 92 kHz †X (in addition to its 67 kHz music)

KI OL 101.1 tX 67 kHz AT Edmonton CIRK 97.3 data AT Lethbridge CILA 107.7 data BC Prince George CIBC 94.3 special events: occasional audio RC Vancouver CKKS 96.9 data RC Vanderhoof CIBC 95.9 special events: occasional audio ON Toronto CIUT 89.5 (new station) to have †E(thnic) SCA CKFM 99.9 †E (Greek); 67 kHz assumed, in which case its data dropped

CFNY 102.1 data; all of these Canadian SCAs assumed to be at 67 kHz.

Readers' Reports and FM Industry News

New York's Lexington E, Smith suggests that I add WEZN 99.9 Bridgeport CT to the New York area map in the "FM Atlas." He claims WEZN is "easily heard in NYC and should be listed." I have to draw the line somewhere. but would like to hear from other NYC area readers as to whether WEZN is heard there with local signal quality.

"For the past five years I have been managing efforts at WRAS towards building our own tower and facilities," writes leff Walker, operations director. "WABE-FM wanted to discontinue our lease on their tower so they could use the space to their advantage. Georgia State is in the middle of Atlanta and has only one piece of property with which to put up such a structure, so we ended up with a 614' tower about 10 miles SE of the city. To our knowledge we [WRAS 88.5] will be the only 100,000 watt college station which is truly run by students totally." Jeff enclosed a copy of a map showing two proposed co-channels to WRAS. One would have been an 88.5 with 40 kw in Due West SC and the other a 10 kw in Greenville on 88.5. "Luckily, the FCC denied their applications because they were filed after ours." He says WRAS will be full power by lune (1986)

The St. Louis 89.9 situation is explained by Rich Eddie: "You have the following: 1) WLCA Godfrey IL 1500 watts; 2) KCWA Arnold MO 1500 watts; 3) KBDY St. Louis MO 20 watts.

"I am almost 29 air-miles from WLCA and they come in good on the car radio, and I am about 15 miles from KCWA. There is a battle between WLCA and KCWA at my location. It may be common sense that KBDY doesn't operate when WLCA is on, as they would be covered up. KCWA to KBDY-about 20 air-miles, KBDY to WLCAabout 23 air-miles. I have never head both WI CA and KBDY on the air at the same time while WLCA has been 1500 watts '

Supplying a limited-printing "Bay Area FM Guide" is former North Carolinian David Searls, who used information in my "Atlas" to compile a listing of main stations and their translators. He calls it "A Radioholic's Dialside Companion." On his trip to the west coast, "the main thing that impressed me was the 'size' of some translator 'stations'. A couple of Flagstaff translators (repeating Phoenix stations) rivaled the coverage of 100 kw locals."

Paul Mount sent a long article about his views concerning highly-rated WRFM 105.1 New York wanting to change to light rock, and become WNSR, which he claims is very similar to WYNY 97.1 in its sound. Joe Fela says the calls stand for "Newyork's Soft Rock-105, Just what we needed. Supposedly everyone got fired with the change, including Jim Branch, their news director," Paul heard WRVS *90.7 Elizabeth City NC overriding WFUV New York, and wondered about their power. I list them at 10,000 h,v; 230 feet.

June 1986 A recent publication received through David Nieman was the bulletin of the Antique Wireless Association, with noncommercial buy-sell ads, including ads from people wanting to buy certain model radios. A John Gubenard, secretary of the Major Armstrong Memorial Amateur Radio Club, offered insight into the Alpine (NI) tower used for early FM experiments, and still in use for WFDU Teaneck NI, among other communications users of the structure, built in 1938 "by the American Bridge Company to Armstrong's specifications for his specifications for his pioneer EM station W2XMN, later KE2XCC. The height of the top arm is 410 feet and 936 above sea level.

"The tower, presently owned by Alpine Tower Company, is being renovated due to the expanding complexity of the communications field. None of the historic architecture will be changed. Also included at the tower is the Major Armstrong Memorial Amateur Radio Club, Inc., known as 'MAMARC'. The club was formed in May 1978 to encourage experimentation and refinement of new or little used radio techniques-in the pioneering spirit of Major Edwin H. Armstrong. We plan to assure that Major Armstrong is given his rightful place in history next to Marconi, deForest, and other radio pioneers, Major Armstrong, who gave the world the static-free sound of FM radio, was among the last of the breed of attic inventors." I would like to get in touch with that club, but no address was printed for them

Another publication Dave sent was the British DX Clubs' "Radio Stations in the United Kingdom," 5th edition, Nov. 1985, which can be had for 75 p or 3 IRCs. British stations are found between 88,1 and 104,5 mHz, with the FM listing taking up 9 of the book's 20 pages, If interested, write BDXC club at 54 Birkhall Road, Catford, London SE6 1TE, ENGLAND.

This part of the VUD is being typed on my computer, so I hope it will print neatly. If you notice any changes in format, that's the reason— not being familiar with the computer. "Hang in there," exhorts W. R. McIntosh. "I went through that problem of changing to a computer word processor a few years back," but after a few months practice, "I was back to turning out my own style of copy." More from Mc later.

"Really weird coincidence." writes Glenn Hauser:

"both Houston TX and Tulsa OK have lost their full-power classical stations, but both are reincarnated as Class As on 92.1!.... confirmed that KLEF is now on 92.1; sounded a bit rough in the announcing department. And KCMA 106.1 is gone . it's parallel to AM stereo 1430; while the Broken Arrow 92.1 outlet is now IDing as KCMA, with classical, Better 3 kW than zero! But a shame, nevertheless, for both cities. Watch those IDs during Es.

"Here in FL. WOCS 88.3 [Fort Pierce] did move to 88.9 in late March; WDNA 88.9 Miami was never officially notified about this plan, and when they found out a few weeks earlier began to expand their sked from the usual noon- to-midnight; depending on volunteer availability, sometimes all-night on weekends, and other days sign on anywhere from 7 to 10 a.m. Power is nowhere near the 9th FMA level; on the dipole it's a toss-up which will dominate at any given time." Glenn is right. I rechecked the FCC datalist and the correct power for WDNA is given in this column under "Facilities Changes." He continues: "WDNA has been carrying some BBC news relays live at local midnight when conditions and logistics permit. WKPX 88.5 [Sunrise FL] still doesn't operate in the evenings, after a big flap about lack of funding for required teacher supervision after hours; kids had be en running it all by themselves '

WWSN 107.7 Dayton OH is making a play for a public audience via SCA for its co-owned AM daytimer. WDAO, WDAO will be on WWSN's 92 kHz fulltime, with Fox Communications, Dayton, expected to make the receivers to get WWSN's 92 kHz SCA signal. This is an innovative use of SCA that, if successful, could spread. In another item from "SCA: Radio Subcarrier Report." is mentioned a mysterious Caribbean FM station, ZGM on the island of Montserrat. ZGM has 300,000 watts and currently reaches 22 islands with a population of 1 million and a tourist population annually of 1.6 million. When its network of translators is in place ZGM expects to reach a crescent from the Virgin Islands to Barbados. The station will have a satellite-delivered data network on its SCA "with the aim of selling data to resident retiree-investors and to tourists who need to track the markets." I checked the WRTVH '86 for information on ZGM, but found nothing, such as what frequency this potential skip target is on.

FCC-FM

WHOM has been using the claim that they have the

WHOM FMSTEREO

765 Congress St., Portland, ME 04102

largest land coverage of any FM station in North America. "This claim was made from a letter from you to prior management," but this year the claim is challenged by KSFI Salt Lake City UT. "If there has been a change in positioning, please let me know," writes Bernie LaCroix, general manager. I pointed out that KSFI's claim lies in their use of translators, but did mention some CA stations that have greater computed coverages than WHOM. I suggested that they claim to have the widest land coverage of any FM station in the eastern United States. Just came on: KNYD 90.5 Broken Arrow OK, No information on its format or its stereo status. It's a mighty 50000 h,v at 1065 feet.

WFGG *88.3 Fort Gordon GA should be on the air, effective May, 1986, with a 100 watt transmitter scaled back to 10 watts to "keep the signal inside post boundaries." Nevertheless, this should make an interesting DX target, mainly because of its quasi-legality.

Much of the Las Vegas SCA news is from John Lentz, who took his specially-equipped Panasonic RF-2600 there. He reports hearing many strange signals, such as 88.7, relaying local 89.5. It seems that some of the outlying translators are finding their way into Las Vegas.

One article Mc sent from Los Angeles is about the ratings gain for 105.9 after its calls were changed to KPWR, "Power 106." The station has carved out a niche between such stations as KIIS, the market leader, and KJLH. He sent an article from the "Los Angeles Times" on drive-time radio, with all of the Los Angeles-area stations summarized. "Superlative stations" include KCRW 89.9 as best for its comedy, rock, classical, reggae, drama, news and documentary. Most consistent is KRTH 101.1, KUSC 91.5 for classical, KLON 88.1 for jazz and KXLU 88.7, the hippest: "Cited by Rolling Stone magazine a couple of years ago as the best college station in the country, this is L. A.'s home of outrage rock. If it's getting airplay on KROQ, it was taken off this Loyola Marymount station's playlist last month."

Mc writes: "What? No column in the April '86 VUD? Hope everything is OK with you and the family." It is! I took the month off to finish the "FM Atlas," and to have last month's news coincide with the Atlas' deadline, Nick Lombardi suggested I take a month off, and he wondered how long it has been since I missed a month. Anybody care to research that? Mc also sent articles on the FCC ending its ban on AM-FM simulcasting among stations in cities of over 25,000 population. And rock station KMET Los Angeles and six others owned by Metromedia will be sold, as that group ends its involvement in broadcasting. Other articles Mc sent include one mentioning a \$45 million price for KROQ 106.7, which would be a record price for an FM station. Buyer would be New York- based Infinity Broadcasting. And KFAC-AM-FM Los Angeles are being sold for \$33.5 million, with no change in programming contemplated. Stations have not done well in ratings in recent years, with much of the classical audience defecting to KUSC *91.5, and to some extent KXLU 88.9, which has c from 6 p. m. to 11 p. m. weekdays.

John Jefferson confirms as on KRQR-1 97.3 San Ramon, KJAZ-1 92.7 Orinda and KINQ-1 92.1 Berkeley, and he says KTLM 103.9 Taft expects to be on July 1 with \$tereo k, co-owned with local AM. Also on and DX ready, as of early March—KRPQ 104.9 Rohnert Park, \$, k. John has yet to log it, but expects it will emerge if KBRG Fremont ever goes off for a few minutes.

WDET *101.9 Detroit was recently off the air or at low power for repairs, but should be back to normal now, according to Paul L. Gaines. The Detroit ratings give WJLB 97.9 the lead, followed closely by WJR AM, WJOI 97.1 and WCZY-FM 95.5. Makes me wonder if having an FM station in the middle of the dial enhances your ratings—because of more people potentially tuning by your frequency. North-western College writes me that they have no plans to embrace a music or instructional service on any of their SCAs, but in three markets they do have SCA—mostly Multicomm on 92 kHz. as at KTIS-FM *98.5 Minneapolis.

David A, Sinclair sent seveal items concerning Canadian regulations. These include modifications to the Canadian content rules for FM stations, which represent a general easing of restrictions (such as eliminating the hourly limits on commercial content and making it easier to carry alcoholic beverage ads).

Pete Nolan writes with news of stations rimshotting markets other than their cities of license. These include KZZE-FM Poteau OK, getting into Fort Smith AR and KXAR-FM 101,7 Hope AR into Texarkana, He says the latter does so via a translator (96.7) in Texarkana, "There are actually a whole bunch of obscure Class As in the area trying to program to Texarkana-including Ashdown AR (103.9), Gurdon AR (92.7), Stamps AR (100.1) and Atlanta TX (99.3), and Hope AR, Each of them either specifically mentions Texarkana or uses some sort of neutral identifier like 'South Arkansas' Country', Meanwhile, the Class C 98.1 in Texarkana is ignoring its city of license and trying to program to Shreveport. And, of course, all of the Shreveport Class Cs get into Texarkana just fine. What a mess!" And Dave Nieman sent pictures of WKSE Jamestown NY's tower and the Skylon tower in Niagara Falls, showing no FM antennae on top.

Eric Bueneman sent information on his area, including what WMRY 101.1 East Saint Louis is up to (see "Formats/Networks"). WLCA *89.9 Godfrey IL has been 'running some commercials from Alton-Wood River IL; KBFL *90.3 doing the same for Buffalo MO." Commercials or enhanced underwriting?-ed, "In order for KCFV *89.5 Ferguson MO to increase power, WRTE *89.5 Cahokia IL must move to an open frequency. Another thing KCFV doesn't touch on is public affairs programming. All they ever carry is Stardate and Family Health . . . KCFV still has plans to apply for *88.1, now that the CP for KTAD has expired." That is news to me about KTAD; it still is mentioned in my several-months-old FCC datalist, but the longer it stays off the air the greater are the chances it will never make it on the air. He sent a letter from Robert Grant on AM-FM simulcasting, calling the practice a waste. "I do not know of a single AM-FM simulcast pair where the AM has better coverage than the FM! An AM simulcast er is not listened to by anybody, but unlike a station going silent, it does not open the channel to new applications...

Pat Durkin of MN has been traveling to Los Angeles lately and found the same article Mc sent on Los Angeles radio programmig; it was in the Sunday, April 6 "Times." John Lapp, inspired by Len Feldman's article in the May "Audio," says I ought to make a business of installing FMX decoders into people's radios, perhaps a combination of that and an SCA adapter!

Roger Winsor says "If you hear the basketball Boston Celltics on 99.9— it's WTHI-FM Terre Haute." He picked up a classical radio program guide put out by WFMT 98.7 Chicago. Sources for the station listings are "Broadcasting Yearbook" and the Ninth edition "FM Atlas and Station Directory." Wonder if 1 should write them and try to collect royalties for use of my information?

In FCC news, they propose allowing FM translators to be fed by satellite or terrestrial microwave. This will help religious broadcasters like Family Radio and Moody. It could mean more cluttering of the FM band, especially the 88-92 mHz portion, but it might mean less attention to developing primary FM stations, and more attention to translators. Family Radio has been circumventing the rules by applying for about 50 educational FM stations around the country, when perhaps translators might do the job for them. More than satellite feed for translaors, I believe some relaxing of the rules is needed so that translators can originate programming and do some local public service, as well as sell time. Both of these ideas are opposed by the

National Association of Broadcasters, which wants the translator rules made more restrictive, so that it is harder for third parties to come in and establish translators that might compete with full-power stations. SunGroup of Nashville announces an agreement to buy KESY-FM 104.5 and KESY AM Omaha from MediaOmaha, a limited partnership. No purchase price mentioned in the news release.

FCC-FM

"I don't know how you manage to keep track of the thousands of FM stations across North America," writes W. R. Hepburn, "but you're doing a great job, Your column is my sole source of info on new FM stations, I'm looking forward to the next FM Atlas. Hopefully some day all of your Canadian maps will be of the same scale and format as your American ones,"— which they are with the Tenth edition, ed. Bill then supplies several Canada Post official provincial abbreviations. Thus AB is for Alberta (not AT), SK for Saskatchewan (not SA), and NT for Northwest Territories (not NW). Canada Post also authorizes the use of LB for Labrador. "(The official name of Newfoundland is the Province of Newfoundland and Labrador.). Have a good DX season (if you ever find any time!)."

WEVE-FM 97.9 Eveleth has been causing interference to TV sets in the area, and local TV showed an irate group of people who were told they'd have to pay for and install interference filters themselves. The meeting ended with a call for an advertiser boycott, Writes owner Lew Latto to the Duluth "News-Tribune": "Recent TV news coverage has blown out of proportion a problem of TV.

interference.... WEVE has provided at no charge to these people FM filters. . The problem is further complicated by booster amplifiers and old antenna systems, some of which have not been updated since television first went on the air in the mid-1950s."

Ratings for the Winston-Salem area were sent by Allen Lloyd. Top honors went to WTQR 104.1, followed by WOJY 100.3, WMAG 99.5 and WKZL 107.5, and then WSJS AM. Keith Pugh on translators: "One thing about that translator, it can pack a heck of a signal! It (W253AA Birmingham) was much stronger than WJSR *91.1 Birmingham, which has never been full quieting here. Are you sure that W253AA is only a one-watt translator? The April VUD seemed very empty since your column wasn't in it."

Supplying many of the east-coast station nonIDs was Bill Nollman, who took note of what he heard on a trip from Flordia, and sent in the report, which is appreciated. He wondered about a Wave 104, which must have been WYAV 104.1 Conway SC. Ralph Strobel says WFOF *90.3 Covington IN on air with IMS news, which is Moody's G network, headed by former Mutual announcer Forrest Boyd. If space permits, I'll print Forrest's picture, from the

International Media Service Naws is the pioneer of Christian news networks, and is now 140 stations strong. According to a Galling Poll of the media over 80% of the people who bring you the news don't even believe there is a God. You would be even more shocked at what they believe about sexuality, abortion, evolution, Communism, the Bible, the Church, etc. IMS reports the news "ai it is, not as we would like to see it." Forrest Boyd is the president and founder of IMS and is a veteran news reporter and a Christian. "Pray for Forrest and his other reporters as they work to make IMS News better on a very limited budget. IMS News—more of what you listen to a radio for!"

program guide of KCGN 101.5 Ortonville MN. WFOF, which Ralph pulled in over nearby WBCL Fort Wayne, has no SCA, but is \$tereo. WFCI Franklin IN writes that "If all Boes as planned we hope to be stereo within two years." No sign yet of WCNA 98.3 Columbia SC, writes Tracy Wood.

Walter Patton again supplied much Canadian FM news, and he says "From your March '86 column: Mirabel 104.9 COO-MF must either be an illegal or low-power info station for the airport. The calls CO-- would belong to Portuguese Overseas Provinces Besides, it would be very near CIME-1 Val Morin, which despite its puny 4 watts must sit on a decent hill as it could be heard on occasion in Montreal in stereo. The 103.1 Bas Laurentides would be CFOU-FM St, Therese, The permitted transmitter power of very low power FM (mostly the CANCOM rebroadesters) has been raised from 2 to 10 watts. Some are already more. The percentage of French-language vocals required of French-language stations has been cut from 65% to 55% amid protests that this sounds the death knell for French language record producers in Canada. French language stations have been complaining for years that suitable material has not been available to fill their needs, I misspelled the name of the CRTC secretary in my last letter. It should be Fernand Belisle. You should ask Steve Tuura of St. Catharines where he gets his information. It's not at all inaccurate and runs well ahead of the published CRTC data, which has yet has not published Toronto and Niagara decisions." Walter, I think the Toronto information is correct (with exceptions pointed out last month), but doubt that anything yet has been decided about Niagara Falls. At least, not to the point where a station is likely to immediately start broadcasting on 104,9, as Steve alleged-b.e.

CONTRIBUTORS THIS ISSUE

Waldo F. Bishop, Tallahassee FL; Eric Bueneman, Ferguson MO; Mrs. M. J. Coleman, Homer City PA; Marc DeLorenzo, Holliston MA; Patrick Durkin, Jr., Woodbury MN; Richard T. Eddie, St. Louis MO; Joseph Fela, South Plainfield NJ; Paul L. Gaines, Detroit MI; Ron Green, Joplin MO; Glenn Hauser, Fort Lauderdale FL; Harv Hendrickson, Roseville MN; W. R. Hepburn, Toronto ON; John M. Jefferson, Pleasanton CA; Bernie LaCroix, general manager, WHOM Portland ME (mailing address); John Lapp, Lakemont GA; John Lentz, Muskego WI; Jim Lewis OK (town not available); Allen Lloyd, High Point NC; Nick Lombardi, Atlanta GA; W. R. McIntosh, Granada Hills CA; Tim McVey, Bolivar TN; Paul R, Mount, Teaneck NJ; E, Nelson, Landisville PA; Bill Nienajadly, Clifton NJ; Pete Nolan, Houston TX; Bill Nollman, Borrah CT; Walter Patton, Willowdale ON; Richard Porter, Wood Dale IL; Keith D. Pugh, New Hope AL; Richard Reese, Jersey Shore PA; Mike Reid, North York ON; Henry Ruh, president, WOVR Versailles IN; David J. Nieman, Akron NY; David Searls, Palo Alto CA; David A.Sinclair, Vancouver BC; Lexington E. Smith, New York NY; Ralph Strobel, Muncie IN; Brian A. Tabor, Rochester NY; Jeff Walker, WRAS, Atlanta GA; Edward M. Warner, Franklin NC; Richard Weirick, Kalamazoo MI; Ben Wilkie, York ME; Roger Winsor, Champaign IL; Tracy Wood, Hephizibah GA.



NEW ZENITH

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From Hartford CT paper, 1948. Radio, of course, had FM.

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low VHF - Hortizontal stack at 40 ft.

FM - Stereo probe 9 at 50 ft, 10 feet above low VHF

TOURS: Channel 17 WNED translator system at Fredonia State College

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WWSE/WJTN Jamestown N.Y. tentative

Group W Cable head end - top of hill- tentative

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Jamestown N.Y. 14701

716-664-3400 800-465-4329

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Heritage house in different directions at the base of the hill.

MEALS: On Friday -Lunch and Binner, on Satur day Lunch and Dinner Buffet style catering by Ulla-Lunch and Dinner

Same Dinner Menu as last convention

\$5 Registration fee for rental of chairs, tent, tables plus soda and beer \$20 for four provided meals

\$25 Total for meals and registration

Please note I must give the caterer at least 2 weeks notice of number PLEASE NOTE: EACH PERSON IS RESPONSIBLE FOR THEIR OWN MOTEL RESERVATION

PUBLISHER / S NOTES

HELLO FROM THE PUBLISHER.
AS-NEEDED BASIS, SORT OF A REPLACEMENT FOR "FROM THE STAFF," WHICH WAS A COMPILATION OF ITEMS AND ANNOUNCEMENTS FROM OUR VUD CONTRIBUTORS AND EDITORS. WHEN WE FIND A NEW EDITOR-IN-CHIEF, FTS SHOULD RETURN.

DON'T MISS WTFDA'S CONVENTION THIS YEAR! THE 1986 CONVENTION IS JUST A COUPLE OF MONTHS AWAY, AND YOU'LL FIND FURTHER INFO ABOUT IT ELSEWHERE IN THIS ISSUE. THOSE THINKING ABOUT ATTENDING SHOULD REMEMBER THAT IT'S NECESSARY TO MAKE YOUR OWN MOTEL RESERVATIONS; THERE ARE THREE DIFFERENT HOTELS TO CHOSE FROM, AND TWO OF THEM ARE PART OF MAJOR CHAINS, OFFERING TOLL-FREE TELEPHONE RESERVATION NUMBERS. BETWEEN THE THREE HOTELS SUGGESTED, THERE IS A WIDE RANGE OF REASONABLE RATES, SO NO SPECIAL DISCOUNT FOR THE DURATION OF THE CONVENTION HAS BEEN SOUGHT. JUST REMEMBER THAT IT'S UP TO YOU TO MAKE YOUR OWN RESERVATIONS. YOUR HOST, MIKE LAPINSKI, IS PLANNING A VERY INTERESTING PROGRAM. JUST ASK ANYONE WHO ATTENDED THE LAST JAMESTOWN CONVENTION! WE'RE HOPING TO MEET YOU AT JAMESTOWN, AN EASY DRIVE FROM MOST OF THE NORTHERN MIDWEST AND NORTHEAST. MAKE YOUR MOTEL RESERVATIONS NOW, AND WATCH FOR A REGISTRATION FORM IN THE NEXT ISSUE.

A TINY APRIL EDITION. NOTICE HOW SMALL THE APRIL VUD TURNED OUT TO BE? SO DID WE. AS IT TURNS OUT, THIS WAS DUE TO SEVERAL UNRELATED REASONS. IT'S RARE TO HAVE THREE KEY EXPECTED COLUMNS NOT APPEAR IN THE VUD IN THE SAME MONTH, BUT IT DOES HAPPEN ONCE IN A WHILE. OUR COLUMN EDITORS OFTEN HAVE THE LEAST AMOUNT OF MATERIAL FOR THE YEAR IN APRIL (REFLECTS THE FEBRUARY-MARCH USUAL TV/FM DX "SLUMP"). IN ADDITION, BRUCE ELVING TOOK THE MONTH OFF TO PREPARE FOR HIS NEW FM ATLAS EDITION, AND LAYOUT ASSOCIATES, THE PEOPLE WHO ASSEMBLE OUR "PASTE-UP" BEFORE IT'S TAKEN TO THE PRINTER, APPARENTLY RETURNED ERIC BUENEMAN'S SOUTHERN FM-DX COLUMN FOR RE-TYPING DUE TO THEIR PAGE SIZE REQUIREMENTS, AND SOL CHERNOS' NORTHERN FM-DX DID NOT APPEAR BECAUSE HE WAS BUSY MOVING INTO A NEW RESIDENCE. OTHERWISE, THE APRIL VUD WOULD PROBABLY HAVE RUN CLOSER TO THE USUAL NUMBER OF PAGES.

EDITORS, PLEASE NOTE: WE HOPE YOU'VE ALL BEEN ABLE TO ADJUST TO THE NEW PAGE LAYOUT SPECIFICATIONS. IF NOT, LAYOUT ASSOCIATES WON'T USE YOUR COPY, AND WILL PROBABLY RETURN IT TO YOU. IF YOU ARE HAVING ANY DIFFICULTIES WITH THE NEW PROCEDURE, DROP WTFDA HQ A LINE ABOUT IT. REMEMBER, THE VUD CURRENTLY DOES NOT HAVE AN EDITOR-IN-CHIEF TO DO LAYOUT WORK, SO YOUR COLUMNS SHOULD NOT BE SENT TO CLUB HEADQUARTERS, OR TO ANYONE ELSE BUT LAYOUT ASSOCIATES.

(ATTN: VHF UHF DIGEST PROJECT), PO BOX 155, CLARENCE, NY 14031. WE WILL SEND THEM ANY FEATURE MATERIAL SUBMITTED TO WTFDA HEADQUARTERS FOR PRINTING IN THE VHF-UHF DIGEST, BUT IF IT DOES NOT MEET THEIR SPECIFICATIONS, WE'LL HAVE TO GET A VOLUNTEER TO RE-TYPE IT. IF YOU NEED FURTHER INFO, WRITE HEADQUARTERS.

REPRINTS, ANYONE (PLEASE??) WE'VE BEEN ASKED ABOUT AN ARTICLE REPRINT SERVICE. WE DO NOT CURRENTLY HAVE ONE, AS WE HAVE NO VOLUNTEER FOR IT AT THE PRESENT TIME. IF YOU HAVE ACCESS TO LOW-COST PHOTOCOPY EQUIPMENT AND AN EXTENSIVE VUD COLLECTION, YOU COULD HELP US DUT. ANY VOLUNTEERS???

SPEAKING OF VOLUNTEERS MANY THANKS GO OUT TO THOSE MEMBERS WHO HAVE BEEN ANSWERING THE CALL FOR MORE TECHNICAL MATERIAL, EQUIPMENT REVIEWS, COVERS, ETC., IN THE VUD. THIS MONTH, A BIG THANKS TO DAN BARTEK JR., WAHOO, NEBRASKA FOR THE COVERAGE MAP ON THIS ISSUE'S COVER.

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Report to this column if you are from: AL, AZ, AR, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, NC, NM, NV, OK, SC, TN, TX, UT, VA and WV.

Alternate Address: c/o KCFV 89.5 FM, 3400 Pershall Rd., St. Louis, MO 63135

JIM PIZZI, P.O. Box 1778, Lovington, New Mexico 88260 (ALL TIMES MST)

(PLEASE LIST EQUIPMENT, ANTENNA'S HEIGHT ABOVE GROUND AND SEA LEVEL!)

| NOV | EMBE | R 1985 | 2 | | | NOVEMBER 1985 (Contd.) |
|-----|------|--------|-------------|----------------|-------------------|-------------------------------|
| 07 | Ės | 1904 | KDVS | 90.3 CA | 1107 | |
| | | 1906 | KXPR | 90.9 CA | 1071 | 2331 KHCB 105.7 TX 520 |
| | | 1906 | KBBF | 89.1 CA | 1143 | 2333 KFLZ 107.1 TX 510 |
| | | 1908 | KCLB | 91.9 CA | 1143 | 2338 KKED 90.3 TX 520 |
| | | 1931 | KPFK | 90.7 CA | 855 | DECEMBER 1985 |
| | | 2006 | *KCBX | 90.1 CA | ???? | |
| 12 | tr | 2137 | KHCB | 105.7 TX | 520 | |
| | | 2141 | KUHF | 88.7 TX | 520 | |
| | | 2246 | KSRR | 96.5 TX | 520 | |
| 13 | tr | 0936 | KILT | | 520 | |
| | | 0938 | KRBE | 104.1 TX | 520 | |
| | | 0941 | KPFT | 90.1 TX | <u>520</u> 539 | <u>JANUARY 1986</u> |
| | | 0952 | KGOL | 107.5 TX | | |
| 16 | tr | 0834 | <u>KIJN</u> | <u>92.3 TX</u> | <u>95</u> | |
| 29 | tr | 2310 | KKKK | 99.1 TX | ??? | MARCH 1986 (on car rx) |
| -/ | | 2314 | KPSM | 99.3 TX | <u> 265</u> | OF MS OALL MNPT 100.9 W2 922 |
| | | -2.4 | | 22.22 233 | ==2 | 0956 <u>RJMB</u> 100.3 CA 657 |
| | | | | | | |

Jim noted that KKKK-99.1 was on 98.9 on 11/29/85.

Not much DX in six months. Should pick up in a while-at least enough to report more often. 73's, Jim.

YOUR EDITOR, WORLD CLASS DISC JOCKEY, INXS FAN, CODE 5150, FAN OF JOHN COUGAR MELLENCAMP, and anything you can think of about ERIC BUENEMAN, 836 LAMPLIGHT LANE, HAZELWOOD, MISSOURI 63042-3407 (mucho radios).

Receivers: Sears Model 91867 AM/FM/FMStereo, Realistic DX-400 LW/AM/FM/SW Antenna: 30' longwire, amplified rabbit ears Height: 540 feet above sea level

| MAY | 198 tr | <u>6</u> | | | <u>MAY</u> 1986 (contd.) |
|------|-----------|----------|------------------------------|-------------------|--|
| 09 | tr | 1155 | WMC 99.7 TN WKYA 101.9 KY | 250 205 | 10 Es 1039 <u>WCHY 94.1 GA 700</u> (Over WMIX-FM) |
| | | 1204 | <u>wvez 106.9 ky</u> | <u>250</u> | |
| . 10 | Es | 1025 | WEAS 93.1 GA WIXV 95.5 GA | <u>700</u> | 1051 WSBF 88.1 SC 500 |
| | | 1025 | | <u>700</u> 700 | 1059 WTEB 89.5 NC 850 |
| | | 1.031 | WZAT 102.1 GA | <u>700</u> | (Over KCFV!) |
| | | 1037 | WSSX 95.1 SC (0/WDZQ!) | 710 | |
| | | | (o/WDZQ!) | | |

First Es opening on May 10 reached 105.7 MHz to GA, NC, SC and FL, reaching CT two hours later (but MUF only reached Channel 4). The DX opening to Central America only reached Channel 3. 73, E.B.

NEW PD AT KCFV: Mike O'Neil, afternoon DJ and assistant PD, has been named program director at KCFV-89.5 FM. He succeeds Timothy Board, who becomes news director, succeeding Laurie Nelson. Your editor had applied for the position, and is being considered the top candidate to succeed O'Neil when that opening comes up again.

KCFV DOES IT AGAIN: KCFV extended it's winning streak to thirteen games with a 19-8 victory over the student newspaper. Bill Smith was the winner, with Buzz mennett picking up the save.

Garon Holman homered twice and Tim Board had three sacrifice RBIs (two on one sacrifice!).

KCFV-FM

ltermate Address: c/o KCFV 89.5 rM, 3400 Pershall Rd., Ferguson, MO 63135 DEADLINES: Last Day of the month/CALLS: KLXØSTL, KMOØCN, WLS5MO, Kal@a

ERIC BUENEMAN, 836 Lamplight Lane, Hazelwood, Missouri 63042-3407 OR c/o KCFV 89.5 FM, 3400 Pershall Ad., Ferguson, Missouri 63135

PHONE NUMBERS: (314) 895-1436 (home) UNTIL 11:00 P.M. CENTRAL LOCAL TIME (314) 595-4480, 595-4478, 595-4472, 595-4463 or 524-8311 (work)

Location Key: H-Hazelwood L-Lake of The Ozarks (Osage Beach, MO)

MARCH 1986

| 14 | tr(L) | 2026 | KBKC | 94.9 | MO | 120 | 15 tr(L) 0915 KHTR 103.3 MO 135 |
|----|-------|------|------|-------|----|-----|---------------------------------------|
| | • • | | | 107.7 | | | |
| | | | | 95.3 | | | |
| | | | | 98.1 | | | |
| | /2.3 | | | | | | |
| | SM(T) | 2500 | | 96.7 | MO | Toc | |
| | | | (new | xltr) | | | 2113 KCUR 89.3 MO 120 |
| | tr(L) | 2301 | KKCI | 106.5 | MO | 115 | 2138 KSOZ 91.7 MO 60 |
| | | 2303 | KOPN | 89.5 | MO | 60 | |
| | | | | 95.7 | | | |
| | | | | 105.9 | | | |
| | | | | | | | |
| | | | | 103.3 | | | |
| | | 2320 | KŢJJ | 98.5 | MO | 125 | 1830 WWCT 105.7 IL 140 |
| | | 2321 | KZZC | 98.9 | KS | 140 | 1842 WDDD 107.3 IL 110 |
| | | 2323 | KADI | 96.3 | MO | 135 | 1843 WEBQ 99.9 IL 130 |
| | | | | 103.3 | | | |
| | | | | 106.3 | | | |
| | | | | | | | |
| | | | | 93.9 | | | |
| | | 2330 | KFKP | 94.1 | KS | 125 | |
| | | 2336 | KSFT | 105.1 | MO | 160 | (THIS SPACE FOR RENT) |
| | | | | 102.5 | | | |
| | | | | 99.5 | | | , , , , , , , , , , , , , , , , , , , |

LOCAL FM DIAL IN OSAGE BEACH: *90.7 KCVO Camdenton (g), 92.7 KLEN Eldon (k), 93.5 KYLC Osage Beach (r-Ad Con/CHR), 96.7 new xltr (rp), 97.7 KFBD Waynesville (rp), 102.5 KJFW-FM Waynesville (r-CHR), and 103.7 KIRK Lebanon (k). Semi-locals are: *88.9 KLUM Jefferson City (sr), 92.1 KLWT-FM Lebanon (r-CHR), 94.3 KZMO California (k), 100.1 KJMO Jefferson City (r-Ad Con/CHR), 105.5 KLUK Knob Noster (r-CHR), and 106.9 KTXX Jefferson City (r-CHR). PRIME DX AREA, about the best DX location in Missouri. If you're ever out there, bring your radios and TVs.

PAT DYER (WA51YX), 5315 Silvertip Drive, San Antonio, Texas 78228

Equipment: Realistic TM-1001 tuner into Allied 426 Archer six-element beam with rotor at 20' AG/870' ASL

Pat starts out 1986 with another excellent report, all times Central.

| FEBRUA | <u> RY</u> | <u>1986</u> | *_ | tenta: | tive | | FEBri | <u>VinitY</u> | <u> 1986</u> | (cont | Lnuado |) | |
|--------|------------|------------------------------|-------|---|----------------------|--|----------|---------------|------------------------------|---|------------------------------|----------------------|--|
| | tr | 0028 0036 0039 0216 | KVNE* | 94.5 101.5 99.9 89.5 92.3 94.5 | TX LA TX LA | 395 280 395 280 495 300 | 16 18 | tr | 0326 0328 0359 0407 | KFXE KQXY* WTXX KTIZ KVKI KSMB | 94.1 94.7 96.9 96.5 | TX MS LA LA | 505 275 525 385 350 395 |

(MORE ON THE NEXT PAGE)

New Music 89 KCFV-FM

PAT CYER (WASIYX) (continued)

| FEBRUARY 1986 (continued) | | FaBallanty/man | FEBRUARY/MARCH 1986 | |
|---------------------------|---|-------------------------------------|---------------------|--|
| 20 tr | 1024 KEMB 94.5 LA 395 | 26 tr 2128 | | |
| | 1953 WCKW 92.3 LA 495 | 21.44 | | |
| | 2014 KQXX* 94.1 TX 275 | 2250 | | |
| | 2024 WGGZ 98.1 LA 450 | 22 3 2 2 7 tr 0053 | | |
| | 2031 KHYS 98.5 TX 280 2056 KIOC 106.1 TX 295 | 0054 | | |
| | 2056 KIOC 106.1 TX 295 2225 KAYD 97.5 TX 275 | 0112 | | |
| | 2339 KYKR 93.3 TX 280 | 0118 | | |
| | 2350 WWNO 89.9 LA 510 | 0119 | | |
| 21 tr | 0000 WPCS 89.3 FL 685 | 0130 | Kuxy 94.1 TX 275 | |
| | 0001 WMAU 88.9 MS 470 | 0159 | | |
| | 0100 XHSRO*92.5 NL 275 | Mar. 7 tr 2126 | | |
| | 0158 KSMB 94.5 LA 395 | 2144 | | |
| | 0221 KTDY 99.9 LA 395 | 2159 | | |
| | 0232 KTIZ 96.9 LA 385 | 2359 | | |
| | 0234 WCKW 92.3 LA 495 | 8 tr 0203 | | |
| | 0254 WGGZ 98.1 LA 450 | 0310 0325 | | |
| | 0311 WPAP 92.5 FL 785 | 0326 | | |
| a.h. + | 0321 WYNK 101.5 LA 450 0118 WCKW 92.3 LA 495 | 0331 | | |
| 24 tr | 0120 KTDY 99.9 LA 395 | 10 tr 2355 | | |
| 2 6 tr | 0815 KSMB 94.5 LA 395 | 2358 | | |
| 2 0 m. | 0824 WCKW 92.3 LA 495 | 11 tr 0000 | | |
| | 2107 KSMB 94.5 LA 395 | 17 tr 0758 | | |
| | 2120 WPAP 92.5 FL 785 | 0859 | | |
| |)> -> | | - | |

3/18 tr Monterrey, NL Fk.s* 275 (92.5, 94.1, 95.7, 98.9) 0050 XEEW 97.7 IM 255 26 tr 0000 KQXY 94.1 TX 275

Comments: Nothing but tropo this time (a lot of it due to the 90-degree temperatures in late February). The last FM Es was in this January, so this was the first February without it since 1983.

Local 104.5 just changed calls again; now KZEP. That's about three sets in five years. (One set was used by AM 1250 (KVAR), which is now KUKA-eb).

73, Pat-WA5IYX (Where and when can I hear your amateur andlo xmans?-eb)

WHERE WAS SFM IN APRIL: SFM was cut out of April's VUD. All there was was TV columns and VHF Utility DX, plus the AMAGO Update. I'd better not hope to see another puny VUD again like in April!

KTAD IS DEAD: The CP for *88.1 KTAD St. Louis, MO has expired. Jouble melix, the CP holder, neither had the money or the technology to put it on the air. The CP for KUCU-40 is also lapsed. *89.5 KCFV Ferguson, MC is the most likely candidate for the frequency.

FREEDOM OF CHOICE: You now can send your logs to either the Hazelwood or Ferguson addresses. The only time the Ferguson address will not be used is at Christmas or Thanksgiving.

"I'm so sorry, sir. We opened our new digital Compact Disc department just two days ago, and we seem to have misplaced it. But if you'll leave your telephone number, we'll call you the minute we find it."



Until next month,

Euc Bueneman
Eric Bueneman/E.B. Stevenson
World Class Lisc Jockey-ACFV

40

Bill Thompson 74 Franklin St., #239 Buffalo, NY 14202

This section is back--once again. With Doug Dornbos' ANTENNA NEWS column on the "back burners" due to his business responsibilities, I thought that the VUD might benefit from a new series of VIDEO LINES, to fill the gap. Many thanks to those WTFDAers who supported this idea. I must admit that I was also inspired by Morrie Goldman's FEEDBACK on page 17 of the February issue. I'm thrilled to be doing a regular column for the VUD again!

Briefly, the idea here is to comment on commercially available equipment-some of it coming from the home video boom--that can be especially useful to the video DXer. We promise not to get too technically involved in this section, since we also have Tim McVey's TECHNICAL TOPIX (one of my favorite VUD features) to deal with theory. Your ideas and comments on such gear are welcome here--drop me a line if you know of such new products that could aid DXing. Anything, from enhancers to video effects generators, can be an unexpected aid to the TV DX hobby; please let me know if you've had success with such accessories in your DX den. Incidentally, if you've got a good quality black-and-white snapshot of your gear, I'm sure Dave Nieman would love to use it in his PHOTO NEWS column, and I'd like to see it there, too!

MORE ON THE TEKNIKA 6510

First off this month, I would like to expand upon Rich Wertman's fine review of the Teknika 6510 tuner/converter in the May VHF-UHF DIGEST. Pure and simple, this unit IS a real gem on certain UHF channels, and that's its best feature from my own point of view. I cannot go so far as to say that the Teknika is THE TV tuner to own; however, it is just about the best tuner I have ever seen when it comes to weak signal performance on the newer translator channels in the ch 50 to 69 range; and I've tried a "few," hi.

Early in 1984, the Teknika created something of stir among TV DXing enthusiasts. I first heard about it from one of our most technically competent members; he was skeptical about the "hype" that surrounded the unit on display at a major trade show. Teknika was claiming average noise figures of something on the order of 9 dB on UHF, and 7 dB at VHF. That would be considerably better than the NFs for most TV and VCR tuners, which often fall in the 11 to 13 dB range on UHF. A 2 dB improvement in noise figure, even without using a pre-amp, means much improvement in your DXing results; signals normally barely frame-bars would become synced-in stable. After a few of the club's top TV DXers acquired 6510's, they wrote to WTFDA club HQ raving about them--it sounded like a real TV DX machine.

I got my first look at the $6510\,\mathrm{at}$ the $1984\,\mathrm{Jamestown}$ WTFDA convention, and was equally impressed. About that time, a couple of members in RF-congested urban areas got Teknikas--and then the controversy started.

The problem stems almost exclusively from the Teknika's AGC setting, a control that is located on the bottom of the unit and is not intended to accessed by the user. Sound like a familiar problem? Teknika doesn't want the average user to touch this control; any DXer who has tinkered with AGC controls will know why. As supplied by the manufacturer, the 6510 is not intended to be used for TV DXing, especially not in a strong signal area. With the AGC set up for normal viewing, you may not be able to "A-B compare" the Teknika to another receiver—the normal AGC action of the unit, together with the automatic tuning response (it's microprocessor—controlled sythesizer tries to tune to the exact video/audio carrier frequencies) may not allow you to see the best weak signal performance from the Teknika.

I recently acquired a 6510, and personally haven't yet adjusted the AGC for optimum DX signal performance; however, those DXers who live in super strong signal overload areas, such as the shadows of the World Trade Center in New York or the Sears Tower in Chicago will probably have to do so. Despite the excellent selectivity and very good overload response exhibited, signal traps will probably still be a necessity for people in that kind of tough DXing location. For these reasons, the 6510 is not for everyone--though there are some who absolutely swear by them. saying that no tuner is better.

However, even without "peaking" the AGC on the Teknika for best weak signal performance, it gives noticeably better results on certain channels. I ve

Noted that it will lock into color on some very weak UHF translator signals; I have compared it with a 17-inch Sony (1982-vintage), varactor tuned, that had gained a reputation for excellent weak-signal performance in some TV DX circles, and it ran rings around the Sony. The UHF performance on the Teknika, especially on the hard-to-find weak translator signals, is what really sold me on the unit. When used in conjunction with a hot black & white TV receiver, results are very impressive. I have found that much will depend upon the performance characteristics of the set you are using as a monitor with the Teknika. A very "hot" early 70's vintage Zenith black & white portable with 4 IFs, narrow bandwidth, and good fine tuning range will give far better results with the Teknika than a contemporary Korean-import bargain store color portable with automatic fine tuning, for example.

Word from some DXers using this tuner is that its VHF performance is very good--I agree--but not particularly outstanding compared to the "classic" hot DX tuners found on many older model sets, particularly Zeniths. Some of these sets, near-legendary among TV DX buffs, featured very good memory fine tuning on each channel, but unfortunately, moving parts in their turret-type tuners. These seemed to age rapidly, getting dirty and therefore often intermittent, ultimately turning into very poor performers. This was avoidable IF you were handy at tuner maintenance, but for those who are not, or can not devote the time to such tasks, such an outboard tuner works well.

If you choose a Teknika though, remember that your results with it will be directly related to whatever set you are using as a monitor. I've found that the direct video output of the 6510 into a video-only monitor does not give the same kind of good DX performance as using its channel 3 or 4 RF output into a TV or VCR with good VHF sensitivity, selectivity and fine tuning. For those who want a superior UHF tuner, especially on the highest UHF channels, and for those who DX using a VCR to record their results though, the Teknika is highly recommended. With the mediocre DX performance of many mid- and low-priced VCRS on the market now (and even a few of the high-end models), the Teknika far outperforms anything else in its class, even the highly disappointing Pioneer TVXs.

One feature of the 6510 is considered a drawback by some WTFDA members, such as engineer Joe Gragg. The UHF TV input is 300 ohms, rather than the 75-ohm F-type inputs for VHF TV and CATV. This means that you'll have to choose a good low-loss balun to use along with the 6510, but it does not pose a major problem. It would be nice if a 75-ohm UHF input had been provided, since most of the serious TV DX enthusiasts use low-loss 75 ohm coaxial cable as lead-in from low-noise mast mounted pre-amps these days.

There is something else about the 6510 that turns out to be quite an added bonus to the TV DXer. You may be able to tune ham-TV (ATV) signals. In the CATV mode, this unit tunes cable channel "XX" (some cable system converters will call it "ch 62") on 439.25 MHz video/443.75 MHz audio. This happens to also be the main channel for fast-scan 525-line ham TV signals! It also hits channel "UU" or "cable 59" on 421.25/425.75, and channel "VV" ("60" to the cable TV people) at 427.25/431.75. If you check Mike Stone's article on page; 2 of the May VUD, you'll see how popular these ham-TV frequencies are betoming--there may be activity in your area, and the Teknika may allow you to see it. Noise figure of the 6510 in the CATV mode is at least as good as it is at the standard UHF channels. Assuming the local hams are fairly close to you, all that may be needed is the right antenna fed into the 75-ohm CATV input side of the converter. 4-bay bowties, many of which do not lose gain drastically below 470 MHz, may be useful to watch the hams.

I tend to agree with Rich Wertman and many other users of the 6510--it does turn out to be an outstanding value for the money. With the possible exception of shortwave communications receivers, no consumer equipment is really intended to be used for DXing purposes. Therefore, it's rare to come across a piece of home entertainment equipment that works so well for our own peculiar applications. Most avid UHF TV DXers should consider trying this hot tuner/converter--especially those who have cable-TV drops coming into their DX shack, and those who like low-power DX above ch 60.

That's it for this month. Many thanks to Morrie Goldman, Glenn Jacobs, Mike Lapinski, and Dave Nieman for their comments on their DXing experience with 6510s, and to Rich Wertman for his review. 73 and good DXing!