

# FMedia!

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A NEWSLETTER OF FACT AND OPINION ABOUT  
FM RADIO AND RELATED TECHNOLOGIES—  
FROM THE PUBLISHERS OF THE  
"FM ATLAS AND STATION DIRECTORY"

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## New FM Station, Translator Grants

AL Auburn W224AK 92.7 (WELR-FM 102.3 Roanoke AL), on air  
AZ Tucson \*89.1 3000 h.v.; 3 m, U. of AZ, see also "Deletions" [Navajo Nation  
AZ Window Rock 96.1 100000 h.v.; 300 m, The/  
AZ Yuma \*88.13000 h.v.; 61 m, Pacific Bcstg. Co.  
AR Clarendon KXRC 107.3 3000 h.v.; 98 m, B&H Bcstg.  
AR Gould 102.5 3000 h.v.; 58 m, B&H Bcstg. Co.  
CA Hayward KKIQ-1 101.7 50-w booster of Livermore station [C. Turnbull  
CO Brush KJYY 106.3 3000 h.v.; 23 m, Douglas/  
CO Norwood K218BH \*91.5 (KJOL 90.3 Grand Junction)  
CO Redstone (on hwy. between Crested Butte and Carbondale) K280DP 103.9 (KSNO-FM 103.9 Snowmass Village—a translator and not a booster)  
CO Thomasville (on hwy. south of Eagle, where that road intersects with the road going between Leadville and Basalt) K280DQ 103.9 (KSNO-FM—a translator and not a booster)  
GA Pearson 101.9 3000 h.v.; 100 m, Atkinson Bcstg., Inc. [Ivan Dixon III  
HI Lanai City 104.7 48 watts h.v.; 746 m /  
ID Blackfoot K216CG \*91.1 (KRIC 100.5 Rexburg) [L. Coomer  
IN Salem 97.9 3000 h.v.; 100 m, Rebecca/  
LA Reserve (Laplace) 94.9 1900 h.v.; 124 m, Virgie Hare du Triel [Tabor Academy  
MA Marion \*88.5 19 watts h.v.; 100 v., 16 m /  
MA Orange 97.3 3000 h.v.; 100 m, Dean Brothers  
MA Webster 98.9 3000 h.v.; 100 m, Okun Bcstg.  
MI Lexington 96.9 3000 h.v.; 100 m, Vector  
MI Saginaw 104.5 3000 h.v.; 100 m, T. Eells  
MO Ashland (Columbia) 106.150000 h.v.; 150 m, Sobocomo Radio, Inc. [Time Radio  
MO Potosi 97.7 6000 h.v.; 100 m, Prime/  
NM Deming \*91.7 600 h.v.; 33 m, Tres Hermanas Ed. Media Fund [NY Pub. Bcstg. Assn.  
NY Jamestown \*89.7 6000 h.v.; 230 m, WJ  
NY Malone 96.5 2400 h.v.; 100 m, North Country Bcstg. Co.  
OH Montpelier 104.5 3000 h.v.; 100 m, Lake Cities Broadcasting Corp. [U. of Oregon  
OR Eugene \*88.1 500 v., 222 m, vertical only; /  
OR Oakridge KSDC \*92.1 580 h.v.; -252 m, School Dist. A-4J, pj (on air; listed in FM Atlas-13 map and by-frequency list; show as noncommercial) [M. Tarkenton  
SD Canton KIXS 1/02.5 3000 h.v.; 74 m, Dallas/  
SD Martin \*102.5 100000 h.v.; 230 m, SD Bd. of Regents [m, Tschirhart Bcstg., Inc.  
TX Bloomington 106.9 3000 h.v.; 91/  
TX Levelland \*91.7 20000 h.v.; 87 m, S. Plains College  
VA Waynesboro W220AB \*91.9 (WMRA 90.7 Harrisonburg VA—see "Deletions," below) [WFSP, Inc.  
WV Kingwood 107.9 1600 h.v.; 137 m /  
WI Eau Claire \*91.3 550 h.v.; 66 m, State of WI  
WI Mosinee (Wausau) 94.7 50000 h.v.; 150 m, Peggie P. Mallery (see also "Deletions")  
WY KBVZ Fort Bridger 99.3 3000 h.v.; 47 m, Jas. R. Dunker [10 h, e, Wataway Native Com's.  
ON Devlin (20 km W. Fort Frances) CFNP 89.9/  
ON Lac Seul (37 km NWSioux Lookout) 89.9 10 h, e, "WRN" [10 h, v, e, "WRN"  
ON Mine Centre 89.9 (60 km E. Fort Frances) /  
ON Summer Beaver (74 km NW Lansdowne

House) 89.9 10 h, e, "WRN"

## Call Letters Assigned

AL Montgomery 96.1 WLNE, to be b  
AL Ozark 103.9 WQLS (from WNER)  
AK Seward \*88.1 KSRD (KUHA)  
AZ Sierra Vista 101.7 KKYZ (KXHC)  
AR Stamps 100.5 (moving from 100.1 by mid-Feb.) KZHE (KMSL), "Z-100"  
CA Lone \*88.3 KEDR—add to p. 143 FM Atlas-13; is 2000 vertical only; 40 m  
CA Los Osos 101.3 KSTT-FM (KLZZ); AM is in Davenport IA  
CA Ontario 93.5 KRZE-FM (KNTF), rj, "The Breeze," AM is in Farmington NM  
CA Riverside 92.7 KQLH (KWDJ), mr  
FL Bonita Springs 96.1 WRXK "FM" (WRXK-FM; AM in North Fort Myers gets new calls)  
FL Fort Myers Beach WZCR 99.3 (WQEZ), op, "Classic Rock"  
FL Jacksonville 99.1 WQIK-FM (WQIK)  
FL Marathon 94.3 WGMX (WMUM)  
FL Silver Spings 95.5 WWGO  
FL Tallahassee 103.1 WUMX (WTHZ), "Mix"  
GA Jeffersonville 97.5 WWST  
HI Pearl City 101.9 KPCY (KUKC)  
IL Golconda 105.1 WDXR-FM (WXZB), op format; AM is in Paducah KY  
IN Bremen 96.9 WMJC  
IN Ellettsville 105.1 WZYG  
IN Indianapolis 103.3 WFXF-FM (WFXF)  
IN Ligonier 102.7 WLNB  
IN New Castle 102.5 WMDH-FM (WMDH)  
IA Fort Dodge 92.1 KUEL (KFDC)  
KS Herington 96.3 KDMM  
KS Kingman 100.3 KTCM (KAPH)  
KY Vanclave 99.9 WMTC-FM (WUMD)  
ME Bath 105.9 WKRH (WIGY)  
ME Lewiston 93.9 WXGL "FM" (WXGL-FM; AM gets new calls)  
MA Northampton 106.3 WEIB  
MI Pinconning 100.9 WMJT (WLFS)  
MS Columbus 94.9 WKIR (WXZD)  
MS Meridian 102.1 WXHT  
MS Moss Point 104.9 WUNI (WKKY)  
MS Pascagoula 99.1 WKNN "FM" (WKNN-FM; AM gets new calls)  
MO Cassville 100.1 KZRK (KVRV)  
MO Point Lookout \*90.5 KCOZ (KSOZ)  
MO Poplar Bluff 103.5 KZMA [gets new calls)  
MO St. Louis 92.3 WIL "FM" (WIL-FM; AM/  
MO Willow Springs 100.3 KGAR (KUKU-FM)  
NV Reno 101.7 KTHX (KSXY)  
NH Lebanon 100.5 WNTK-FM (AM is in Newport NH)  
NM Grants 100.9 KZNM (KDYC)  
NY Oneonta \*91.7 WSQC "FM" (WZXU)

NY Voorheesville 96.3 WCDA [WTZR)  
NC Moyock 92.1 WOFM (not changing to/  
NC New Bern 94.1 WZYH  
NC Rose Hill 104.7 WZYJ  
OH Delta 106.5 WMHE (WUIA)  
OH Greenville 106.5 WLSN (WDRK), still b, \$  
OK Idabel 96.7 KBEL-FM (KWDG) [(KZBX)  
OK McAlester 104.9 KTMC-FM / [ "Cool"  
OK Oklahoma City 101.9 KOQL (KLTE) /  
OR Newport 102.7 KYTE (KYQT)  
PA Harrisburg 97.3 WHP-FM (WXBB)  
PA Mountaintop 97.1 WQZM, to 250 h.v.; 336 m  
PA Philadelphia 104.5 WYXR (WSNI), "Star-104.5." "Yawn-A/C, still boring," but "accentuating the contemporary part, dropping stuff from the '60s and '70s."  
PA Slippery Rock \*88.1 WRSK [to WXSE)  
RI Block Island 95.9 WVB1  
TN Calhoun 104.1 WCLE-FM (not changing/  
TN Karns 93.1 WWZZ (WCKS), "Knoxville's Z-93," to 1800 h.v.; 178 m  
TN Manchester 99.7 WTSN-FM (WQLZ); AM is in Dover NH, going to talk, remove Stereo listing, ID with Nashville; temporarily silent, but will soon improve facilities to serve Nashville and to be programmed from non-co-owned WSIX-FM 97.9  
TN Memphis \*89.3 WYPL  
TX Conroe 106.9 KJZS (KJOJ)  
TX Denison 104.9 KTCY (KMKT)  
TX El Campo 96.9 KXGC (KIOX-FM calls not used), rm, no more "X-97," ID with Bay City and rotating third city  
TX Fredericksburg 101.1 KONO-FM (KFAN), taking calls of non-co-owned San Antonio station which it simulcasts, letting some 20 full- and part-time employees go. The former KFAN, however, is responsible for four hours daily, from 1 a.m. to 5 a.m., as well as Sunday morning public service responsibilities. Fans of the old, eclectic KFAN format are letting



the ex-staff know they were appreciated, and may make a license challenge to the FCC. KONO-FM now oldies, "just what we need—another oldies station," making it No. 5 with that format in the market. "Commercial radio, with the exception in this market of KEDA (1540 AM) really does not care what you want to hear. If those people thought they could make a buck with dead air and a herd of high-powered salespeople, that's what they'd do." Station does plan an expanded blues show Sunday nights, with emphasis on local music. "KONO's parent company now has KONO (AM) 860, KONO-FM and KSRR FM (92.9)." "KFAN will be missed. . . KONO-AM-FM simulcasts were locally heard here beginning in 1958 or so, and discontinued in the '60s."

- TX Freepoint 103.3 KJOJ (KGLF)
- TX Georgetown 96.7 KHFI (KQFX), still "K96.7" with an Austin ID
- TX Houston 104.1 KRBE-FM (KRBE)
- TX Huntsville 94.9 KCEY
- TX Levelland 105.5 KLVT-FM (KHOC)
- TX Mission 105.5 KITM (KDOV)
- TX Tulia 104.9 KJMX (KDOA)
- TX Winfield 97.7 KALK (KYKM)
- VT Warren 96.1 WDOT-FM (WSBH); AM is in Burlington VT
- VA Bedford 106.9 WYMY
- WA Cheney 101.1 KEYF-FM (KEYF; AM is in Dishman WA)
- WV Point Pleasant 99.5 WZYI
- ON Attawapiskat 89.9 (from 90.1) CKTS
- ON Dubreuilville \*97.9 CBON-1
- ON Espanola \*94.9 CBON-7
- ON Fort Albany 89.9 (from 90.1) CKFA
- ON Haliburton \*92.3 CBLV
- ON Kaschewan 90.1 CKAS (licensee says its frequency is "101" [sic])
- ON Kingston \*91.9 CFRC (not CFRC-FM)
- ON Nipigon-Red Rock 96.1 CFJQ (CJLB-)
- ON Poplar Hill 89.9 (from 90.1) CFTF
- ON Slate Falls 89.9 (from 90.1) CHBJ

**Facilities Changes Granted**

- AL Greenville WKXN 95.9 4000 h.v (91 m)
- AL Opp WAMI-FM 102.3 3400 h.v (85 m)
- AL Oxford WKFN 97.9 280 h.v; 330 m
- AL Tuscaloosa WACT-FM 105.5 6000 h.v (91 m)
- AZ Arizona City KONZ 106.3 1330 h.v; 130 m, classical, parallel to KONC 106.3 Sun City
- AR Harrison KCWD 96.1 363 m (8000 h.v)
- AR Helena KCR1-FM 103.1 6000 h.v (100 m)
- CA Bakersfield KCHT 99.3 6000 h.v (44 m)
- CA Riverside KGGI 99.1 2600 h.v; 562 m
- CA San Diego KPBS \*89.5 1800 h.v; 579 m; CP for 7400 h.v cancelled
- CA Tracy KSGO 100.9 6000 h.v (100 m)
- CT Salisbury WKZE 98.1 1800 h.v; 184 m
- DE Wilmington WJBR-FM 99.5 nondirectional (m)
- FL Chattahoochee WUMG 105.3 6000 h.v (100/ FL Venice WCTQ 92.1 3300 h.v (90 m)
- GA Boston WTUF 106.3 2400 h.v; 151 m
- ID Chubbuck KRCD-FM 98.5 (from 98.3) 6200 h.v; 410 m, C2
- ID Sun Valley KECH 95.3 440 h.v (661 m), C3
- IL Fairfield WFIW-FM 104.9 3400 h.v (84 m)
- IL Galena WJOD 107.5 6000 h.v (100 m)
- IL Marshall WMMC 105.9 2800 h.v; 103 m
- IN Mendota WGLC-FM 100.1 6000 h.v; d-a (100 m)
- IN Monticello WKJM 95.3 2500 h.v (159 m)
- IA Sioux Rapids KTFG 102.9 146 m (50000 h.v)
- IA Winterset KTDG 99.5 6000 h.v (100 m)

- KY Burkesville WKYR-FM 107.9 (having moved from 98.5), now 6000 h.v (100 m)
- KY Campbellsville WCKQ 103.9 3000 h.v; 91 m; CP for 1850 h.v; 125 m cancelled
- KY Columbia WAIN-FM 93.5 4600 h.v (91 m) (m)
- KY Salyersville WRLV-FM 97.3 5200 h.v (107/ KY Scottsville WVLE 99.3 100 m (3000 h.v)
- LA Oak Grove KWCL-FM 96.7 25000 h.v (88 m), C3 (h.v; 150 m, C2
- LA Rayville KTJC 92.3 (from 92.1) 26000/
- ME York Center WCQL-FM 95.3 6000 h.v (100
- MI Flint WWCK-FM 105.5 25000 h.v; directional antenna (d-a; 100 m), B1
- MI Gladstone WENL 105.5 78 m (6000 h.v)
- MI Grand Rapids WCUZ-FM 101.3 26000 h.v; 214 m (making action
- MI Whitehall (new) 97.5 (from 102.5); rule-/
- MN Glenwood KMGK 107.1 3300 h.v (91 m)
- MN Winona KAGE-FM 95.3 2800 h.v (151 m)
- MO Fulton KKCA 100.5 (having moved from 97.7) (not yet on
- MO Gainesville KMAC 99.7 150 m (34700 h.v)/
- MO Osage Beach KYLC 93.5 3300 h.v (91 m)
- MT Hamilton KBMG 95.9 16000 h.v; 120 m, C3
- NE York KAWL-FM 104.9 100 m (2750 h.v)
- NH Henniker WNNH 99.1 1300 h.v; 217 m, d-a
- NH Laconia WLNH-FM 98.3 3800 h.v (125 m)



- NH Littleton WMTK 106.3 390 h.v (384 m)
- NJ Cape May Court House WBNJ 105.5 3300 h.v (88 m)
- NJ Pleasantville WMID-FM 99.3 3400 h.v (88 m)
- NM Farmington KRAZ 96.9 310 m (100000 h.v)
- NY Buffalo WGR-FM 96.9 24000 h.v; 217 m
- NY Hudson Falls WENU 101.7 4600 h.v (55 m)
- NC Morganton WQXX 92.1 6000 h.v (100 m)
- OH Cadiz WWYS 106.3 3000 h.v; 100 m
- OH Marysville WNRJ 105.7 6000 h.v (100 m)
- OH Youngstown WYTN \*91.7 900 h.v; 181 m
- OK Edmond KOKF \*90.9 100000 h.v; 140 m, C1
- OK Lone Grove KYNZ 106.7 5500 h.v; 104 m
- PA North East WRKT 100.9 6000 h.v (80 m)
- PA Smethport WORM 106.3 1200 h.v; 223 m
- SC Beaufort WAGP \*88.7 6000 h.v (91 m)
- SC Gray Court WSSL 100.5 63000 h.v; 363 m, C1
- SC Greenville WTBI-FM \*91.7 3700 h.v; 128 m
- SD Redfield KVCU 103.7 50000 h.v; 89 m, C2 (h.v)
- SD Watertown KSDR-FM 92.9 298 m (100000/ KIXX 96.1 298 m (100000 h.v)
- TN La Follette WQLA 104.9 2300 h.v (172 m)
- TN Parsons WKJQ 97.3 2300 h.v (78 m)
- TN Wartburg WECO-FM 101.3 1100 h.v (235 m)
- TX Abilene K292DE 106.3 now has KISJ 104.1 Brownwood (from KELI 98.7 San Angelo)
- TX Dumas KMRE 95.3 25000 h.v; 91 m, C3
- TX Floresville KWCB 94.1 (from 94.3) 50000 h.v; 150 m, C2 (000 h.v; 134 m, C2
- TX Groves KTFA 92.5 (from 92.1) 50-/ [C3
- TX Hereford KPAN-FM 106.3 25000 h.v; 67 m/
- TX Houston KTRU \*91.7 50000 h.v; 150 m
- TX Livingston KETX-FM 92.3 (from 92.1) 50000 h.v; 113 m, C2, still mono
- TX Lufkin KLDN \*88.9 50000 h.v; 200 m, d-a
- TX Muenster KXGM 106.5 6000 h.v (100 m)
- UT Price KARB 98.3 7000 h.v; -32 m, 1S, 67 kHz SCS—sports and special events in conjunction with a Marti unit. "We like your idea of adapting radios. Then our audience could have a choice of ball games to listen to—on our subcarrier or on the main channel. Our call letters stand for Carbon County, and our AM is KOAL. That tells you something about this region."
- VT Lyndon WGMT 98.3 160 h.v (573 m)
- VA Churchville WBOP 106.3 (from 106.7) 25000 h.v (100 m), B1
- VA Farmville WXJK 101.3 6000 h.v (100 m)

- VA Manassas WJFK 106.7 22000 h.v; 227 m
- VA Pennington Gap WSWV-FM 105.5 3500 h.v (84 m)
- WA Naches KYKA 96.9 5800 h.v; 11 m
- WA Raymond KSWW 3100 h.v (280 m), C3
- WV Buckhannon WBTO 93.5 6000 h.v (67 m)
- WV Lewisburg WKJC 105.5 540 h.v; 238 m
- WV Morgantown WCLG-FM 100.1 6000 h.v (91 m)
- WI Ashland WJJH 96.7 50000 h.v; 124 m, C2
- WI Hartford WTKM-FM 104.9 3300 h.v (91 m)
- WI Platteville WSUP \*90.5 1000 h.v (43 m)
- ON Bearskin Lake CFBL 89.9 (from 90.1)
- ON Cat Lake CKXC 89.9 (from 90.1)
- ON Constance Lake 89.9 (from 90.1)
- ON Deer Lake CKDL 89.9 (from 90.1)
- ON Fort Severn CKFS 89.9 (from 90.1)
- ON Kasabonika CFKP 89.9 (from 90.1)
- ON Kingfisher Lake CFKL 89.9 (from 90.1)
- ON Lansdowne House 89.9 (from 90.1)
- ON Longlac CJLL 89.9 (from 90.1)
- ON North Spirit Lake 89.9 (from 90.1)
- ON Ogoki 89.9 (from 90.1)
- ON Ohsweken CFNC 103.9 50 h (15 m). It isn't licensed by the CRTC, but not a pirate station either. Its staff says it is "experimental," and has just filed an application for CRTC approval, "a lengthy process which could provide the station with a licence or force it off the air." It is on daily from 8 a.m. to 11 p.m. using volunteers and aiming its programming to members of the Six Nations and New Credit communities.
- ON Pembroke CBGD \*96.7 52300 h.v (158 m)
- ON Sachigo CFEY 89.9 (from 90.1)
- ON Toronto (new) 92.5 4700 h.v. "Your figure would have blasted away WBEE-FM" 92.5 Rochester NY.
- ON Weagamow Lake CHWL 89.9 (from 90.1)
- ON Webequie CKPN 89.9 (from 90.1)
- ON Wunnamun Lake CHPM 89.9 (from 90.1)

**Stereo—or to be Stereo**

- AR Lonoke KMZX 106.3
- KY Monticello WMKZ 93.1, k, "Z-93"
- MA Amherst WRNX 100.9. "WRNX on the air!! On the air!! Never thought I'd live to hear it, but there it is, in glorious stereo, r. Wow!!" "WRNX has a multipath problem probably due to the hills just south of Amherst," and doesn't reach out to the south as well as WHMP-FM 99.3 Northampton.
- MN Spring Grove KQYB 98.3, now on with 32500 h.v; 185 m
- NY Cape Vincent WMHI \*94.7, g, "putting a very clear signal into Kingston" [1400 WDNV"
- NY Dansville WACZ 93.9, mr, "simulcasting/ NY Dundee WFLR-FM 95.9, now op, and "no more simulcasting with 1570 AM," now k NY Pomona (Spring Valley) W232AL 94.3, but this "Z-100" translator "is so heavily processed that the overdeviation blows away the stereo subcarrier making listening in stereo very annoying"
- NY Schoharie WMYY 97.3, k, "My Country" via satellite and competing with WGNA 107.7 Albany. ID with Albany-Schenectady-Troy, "and the band just keeps on filling up."
- TN East Ridge WJRX 107.9 "RX-107," gr
- TX Abilene KAGN \*91.3 Monophonic
- CO Ignacio KSUT \*91.3, still mono
- GA Fort Gordon WFGG \*88.3 mono. "Equipment malfunctioned and repair people are on 'Desert Shield'; \$ to resume in the future
- NJ Stockton (Delaware Township) WDVR \*89.7, correcting last month where the station was indicated as being in PA. Its sister station in Warminster PA, WRDV \*89.3, is also mono; each station programming sepa-

rately.

NY New York (Brooklyn) WNYE \*91.5 has dropped its 19-kHz subcarrier. "I never heard any true stereo." Remove Stereo listing.

**Format Changes**

Formats are the same as in the "FM Atlas"

AK Sitka KSBZ 103.1 r, Unis. Adult  
 AR Malvern KISI 101.5 to be Drake easy (b)  
 AR Sheridan KXIX 102.9 k  
 CA Eureka KEKA-FM 101.5 k[ountry]  
 CA Palm Springs KDES-FM 104.7 o  
 CA Quincy KQNC 102.1 p, "modern rock," same as on KTHX 101.7 Reno  
 CO Snowmass Village KSNO-FM 103.9 rm  
 FL Cape Coral WAKS 103.7 r, still "Kiss 103.7"  
 FL Naples WRGI 93.5 o [FM] (strict)  
 GA Trenton WBDX 102.7 rm, "Magic 102.7/  
 IL Carlinville WCNL 95.9 to be k  
 IL Mahomet WHZT 105.9 to be r  
 IN Anderson WQME 98.7 gr, contemporary Christian. "Goodbye, WFMT. My kids are pleased; I am not! At least, WFMT's programming is syndicated locally on several ed-FM stations."  
 IN Rochester WROI 92.1 m  
 IA Northwood KPLW 102.7 o, "KY102.7" (strict); ID with Austin (MN)-Albert Lea (MN)-Mason City  
 ME Ellsworth WWMJ 95.7 o  
 MD Middletown WAFY 103.1 r  
 MA Cambridge WMBR \*88.1 fp, "eclectic," includes some classical  
 MA Pittsfield WUPE 95.9 rm, Unistar via satellite. "The station will sound better than we could hope to do it ourselves."  
 MI DeWitt WQHH 96.5 s, expected on next month  
 MN Benson KSCR-FM 93.5 m, SMN standards  
 MS Holly Springs WKRA 92.7 op  
 NJ Avalon WWOC 94.3 rm, "Mix-94" (from "Stereo 94")  
 NY Big Fiats WGM 97.7 o[Idies]  
 NY New York WPLJ 95.5 still r, but toying with a new adult top 40 format. After competing unsuccessfully with WHTZ, "PLJ has been experiencing a downward spiral for the past two years. Capital Cities/ABC is reportedly tired of losing millions of dollars and wants some changes." Those changes expected to take place early this month.  
 NY Owego WQXT 101.7 o, Unis. oldies  
 NY Sag Harbor WLNG-FM 92.1 o, still mono  
 NY Smithtown WCTO 94.3 mr, "Magic 94"  
 NY Warrensburg WKBE 100.5 to be m, "KB-100"  
 NC Charlotte WZZG 95.1 o  
 OH Clyde WLCO 100.9 k, "FM-100," dumping Spanish [days and overnights  
 OH London WCKX 106.3 sj, adds jazz mid/  
 OH North Baltimore WHMQ 107.7 k, \$, "The New 108"  
 OH Westerville WBBY 103.9 remove \$, format, as station has gone silent, "pulling the plug after 10 years of appeals of an FCC decision denying license renewal"  
 OR Reedsport KSYD \*92.1 pj, like KSDC \*92.1 Oakridge, to parallel KRVM Eugene; list as noncommercial  
 PA Hazleton WWSH 97.9 rm  
 PA Lewisburg WGRC \*91.3 gr  
 PA Sellersville W204AD \*88.7 still on air, but to be replaced by WBYO \*88.9  
 PA Port Allegany WHKS 94.9 r, \$  
 PA Radnor Township WYBF \*89.1 to be p  
 PA Villanova WXVU \*89.1 to be p, both this and WYBF to be "new or alternative music."  
 WYBF to be on air Mondays, Wednesdays and Fridays and half the day on Sundays, while WXVU will have the frequency Tuesdays, Thursdays, Saturdays and half the day Sundays. May not go 24 hours, but both stations may sign off from 2 to 6 a.m. "After all, we are students, and we do have to go to class." Now that WHYY \*90.9 has dropped

classical, WWFM \*89.1 Trenton NJ is hoping to extend its signal into Philadelphia by means of a few strategically-located boosters. "Current information indicates co-channel at various high elevations (buildings, etc.) in the area."  
 TN Alamo WKBE 93.1 rm  
 TN Sparta WSMT-FM 105.5 op  
 TN Tullahoma-Huntsville AL WKQD 93.3 op, still "Power 93"  
 TX Abilene KACU \*89.7 mc, "vocals are soft oldies, easy listening and very soft adult contemporaries. A very listenable format which would profit other m-format stations to copy. Carries classical music at night, also NPR."  
 TX Ballinger KRUN-FM 103.1 k, no more "K-103," always using calls  
 TX Brownsville KRIX 99.5 r, "Energy 99"  
 TX College Station KISR 92.1 rp, dropping "Star 92," but still identifying with Bryan  
 TX Granbury KYOT 106.7 b, not bc  
 TX Mount Pleasant KPXI 100.7 rm, ID with second city rotates among Tyler, Paris, Texarkana, Pittsburg, still "X-100"  
 TX San Angelo KIXY-FM 94.7 m, "Kixie" (not strict)  
 TX South Padre Island KZSP 95.3 o, SMN  
 TX Tye KTLC 99.7 mr, "99 FM" (not strict)  
 TX Whitehouse KISX 107.3 r (was s for one week), "All Hits Kiss 107.3 (strict), ID only with Tyler, no longer with Longview, \$[tereo]. Now co-located and co-managed with non-co-owned KNUE 101.5 Tyler TX  
 UT Salt Lake City KCPX 98.7 rm  
 VT Rutland WJJR 98.1 mr  
 WA Seattle KING-FM 98.1 still c, and Seattle's first FM station, beginning as KRSC-FM in 1947, has won the NAB's "prestigious Marconi Award for the best classical music station in the U.S. KING-FM has always been formatted c and won the award over numerous classical broadcasters."  
 WA Tacoma KBRD 103.7 b, BBS easy listening, but rumors abound that it will change, due to KEZX-FM 98.9 Seattle going b. Management denies a format change is in the offing, but former station manager Peg Dempsey (who has a track record with easy listening) has been hired by KEZX-FM. "It appears that the Pacific Northwest market can only handle one b station at a time. Earlier this year KSEA 100.7 dropped b after 18 years to switch to adult contemporary."  
 WI Sturgeon Bay WHET 99.7 r, "The Heat"  
 NS Halifax CIEC 96.5 m  
 ON Cobourg CFMX 103.1 c, not cj  
 ON Red Lake CKRE 99.5 rm, relays CKDR 800 Dryden ON

**On Air (Selected)**

CA Granada Hills K202BL \*88.3. This translator helps KCSN regain coverage lost when it moved its transmitter and reduced power on \*88.5 to 52 watts. It transmits from KCSN's old site, which is actually in Northridge CA.  
 CA Palm Springs K213AB \*90.5. Parent, monophonic KLRD \*90.1 Yucaipa CA ended its 1990 four-day fundraiser with pledges of over \$304,000, nearly \$12,000 more than last year.  
 DE Milford WXPZ 101.3 on air—testing  
 GA St. Marys WAIA 93.3 (having moved from 93.5), and interfering with WFLZ 93.3 Tampa FL. At one time WFLZ had listeners "as far as Gainesville but that now is nullified. I just wish the FCC would make better separation guidelines or watch when upgrading a station because this is just one example."  
 IN Fort Branch WBGW 101.5 g  
 MD Easton WCEI-FM 96.7 now on with 25000 h.y; 78 m  
 MA Cape Cod stations on air, but filing for Chapter 11 bankruptcy protection: WFCC 107.5 Chatham with a c format, filing last Oct.; WJIB 94.9 and AM West Yarmouth, filing last June, and the latest filer is WQRC

99.9 Barnstable, which filed last month, apparently because of pressure from the Bank of New England, which has lent its owners more than \$10 million in the past five years.  
 MN Blue Earth KJLY 104.5, having moved from 100.9, now with 50000 h.y; 150 m. "The station is offering its service and advice to other stations considering expansion projects. For more information call (507) 526-3233."  
 MN New Prague ("praig," not "prawg") KCHK-FM 95.5, "K-Check," \$, k, no SCS; hoping for

**KCHK 95.5FM 1350 AM**

25821 Langford Avenue, P.O. Box 251  
 NEW PRAGUE, MN 56071

6 kw, but short-spaced to monophonic KNOF \*95.3 St. Paul  
 MO Kirksville KTUF 93.5, but soon to be on 93.7, "completing their new tower about one mile east of Kirksville"  
 TX Brenham K220AF \*91.9  
 TX Eastland K220BB \*91.9, still carrying KCBI-FM \*90.9 Dallas  
 TX Ozona KYXX 94.3, or to return soon. Sale approved to KFST-FM 94.3 Fort Stockton TX (along with sale of KHOS-FM 92.1 Sonora TX)  
 ON Ottawa CBOF \*90.7 (French); CBO \*91.5 (English), both on air, testing with classical music, new age and easy listening in mono

**Off Air or Not Yet On**

AL Marion WJAM 97.5, still on 103.9  
 AZ Sedona KQST 102.9, still on 100.1  
 CA San Jose K265CY 100.9. "I've been pointing our Jerrold yardi all around on that channel and can't find it yet. It [KPIG 107.5 Freedom CA] is one terrific station. Descended from the late and much-missed KFAT (Gilroy, now KWSS). I think it might be the most interesting and entertaining commercial music station of any kind in the whole country. In fact, I would invite 'FMedia!' to solicit reports from readers on discoveries in programming excellence (or noble attempts at it)."  
 GA Wrens WRDW-FM 96.7 and its Augusta translator on 100.1. Plugged by a FL bank to which it owed nearly \$1 million; AM had been off since Aug., 1989. SouthTrust wanted to work out a financial plan with the owners, but "We were never able to get together." Station to be sold at auction, after determining its assets are not sufficient to cover the cost of the debts. No buyer came forth while a Chapter 7 bankruptcy trustee was running the station.  
 ID Emmett KJHY 101.9, still on 101.7  
 IN Versailles WRIP 103.1, but expected back on air with new WRIP calls soon  
 NE McCook KICX still on 95.9, not yet moving to 96.1  
 NJ Cherry Hill WBEC \*88.1  
 PA Chester WDNR \*89.5  
 PA Glens Mills WZZE \*97.3  
 PA Telford WBMR \*91.7  
 SC Dillon WZNS 92.9  
 TX Abilene KFXJ 92.5  
 TX Breckenridge KROO 93.5  
 VT Middlebury WCVM 100.9 along with its AM. "Reason: poor economy and too many bills they couldn't pay." Looking for a buyer.  
 WA Everett KSER \*90.7, but expected on by the

**90.7FM · KSER**  
 COMMUNITY RADIO

middle of this month. "We are most excited about the new station here in Snohomish County. We are the fastest-growing county in Washington state. We anticipate lots of new things for the area's listeners and for the station."

**Deletions**

- AZ Tucson K2058P \*88.9
- MI Bay City WBYF \*89.1, "application dismissed for extension of time; CP cancelled and call sign forfeited" [never activated]
- TX Breckenridge K2498V 97.7, a CP/
- TX Conroe K221CL 92, K285CR 104.9
- UT Ogden K208BL \*89.5, was a CP in 1988, never activated
- VA Waynesboro W221AK 92.1, replaced by new translator on 91.9
- WI Schofield WESD \*94.7, because of new Mosinee grant
- ON Toronto 99.1, no longer on air with open carrier and/or SCSubcarriers

**FMistakes—13th ed. FM Atlas**

- "94.7" heading missing from right column, p. 157
- AL Oxford WKFN is 97.9, not "96.9," p. 28
- AK Anchorage 100.5 KBFX, not "KENI," p. 86
- AK Soldotna misspelled, p. 86
- AZ Green Valley 97.1 KGMS, not 97.5, p. 69
- CA Long Beach 105.5 KNAC, not "05.5," p. 78
- CA Yucaipa 98.3 KCALT not on p. 79 map
- CO Craig remove 106.3 KVODt from p. 70
- CO Sterling 105.5 KPMX, not "KMXX," p. 58
- FL Gretna 100.7 WGWD not on p. 30 map
- FL Dogwood (not "Dog") Lakes Estate, p. 30
- FL Holly Hill \*91.5 WAPN add \$, p. 105
- FL Key West 98.7 WOZN remove \$, p. 167
- FL New Port Richey \*91.5 WLPJ, not "91.1," p. 31
- FL Pensacola 101.5 WTKX not on p. 30 map
- GA Clarksville 102.9 WMJE not on p. 29 map
- GA Clayton 104.1 WQXJ calls missing, p. 29
- GA Columbus WVRK 102.9 rp (not r), p. 106 [29
- GA Royston 103.7 WPUP, not "WBIC," pp. 26/
- IL Le Roy 104.1 WRXZ, not WMLA, p. 46
- IN Bloomfield 101.1 WBHQ, not "101.5," p. 45
- IN Evansville 107.5 not on main map, p. 38 (list instead of "106.1")
- KS El Dorado 99.1 KBUZ, not "99.3," p. 59
- KS Liberal 107.5 KSCB, not "KSKB," p. 58
- KY (not "LA") Corbin WCTT 107.3 p. 187
- LA Lake Arthur KAHJ 107.3 missing from p. 1 187—is 100; 3000 h.v
- ME Presque Isle 96.9 WBPW, not WDHP, p. 98
- MS Greenwood 99.1 WYMX not on p. 33
- MS Magee 107.5 calls are WMJW (not "WMGW"), p. 187
- MS Marion 95.1 WZMP, not "WQIC," p. 33
- MS Vicksburg 101.1 WBBV, not "WBBY," p. 32
- NE Hastings \*89.1 KHNE-FM, not 88.7, p. 59; add cn, \$, p. 116
- NM Grants \*102.3 KTDBt not on p. 66 map
- NY East Rochester 105.5 WZSHt, not be 100.5, p. 14 [\$, 137, 50000 h.v
- NY Rochester WCMF missing from p. 162; is/
- NC Alexis Is transmitter of WZZG, WBT Charlotte, not "WROQ," "WBCY," p. 24
- NC Bayboro 97.9 WJCS calls not on East NC map, p. 25
- NC Statesville 96.9 WTDK, not "WLVK," p. 24
- OH Barnesville 93.5 WBNV, not "WBNY," p. 41
- OH Belpre \*91.7 WMPB, not "WBPB," p. 41
- OH Columbus 107.5, not "107.7," p. 19
- PA Lewisburg 96.3 WUNS, not "WYBA," p. 19
- TN Etowah 103.1 WDRZ, not "WZMT," p. 37 main map
- TN Gatlinburg 105.5 WDLY, not WSEV, p. 37
- TX Bay City 96.1 not on p. 65 map (calls are KXGJ)
- TX Paris 107.7 KPLT, not "KTXU," pp. 61, 64
- TX Texarkana 98.1 KTAI not on p. 63 map
- VT Rupert 104.1 WMNV, not "WRQL," p. 15
- VA Cedar Bluff 107.7 WYRV calls missing, p. 20
- WA Bellingham 104.3 KAFE, not "KNWR," p. 90
- WV Elkins 94.7 WELK, not "95.3"; 99.3 WDNE, not "WVHT," p. 20, East WV map
- WV Wheeling \*91.9 WPHP change to large type, p. 20; add to p. 41
- WI Sturgeon Bay 93.9 WDOR not on p. 43
- WI West Bend WBWI, not "WBKV," p. 49
- WY Laramie 103.9 KXLt, not "KMJt," pp. 85, 142 (K280BM)
- AB Calgary remove 103.1 CKO-5 from p. 92
- AB Hinton \*88.1 CBX1, not CBX-1; dot locating town missing, p. 92
- BC Hazelton 101.9 CJFW-, not 101.7, p. 91 [map B
- BC Prince George 94.3 CIRX, not "CIBC," p. 90, /
- BC Vancouver 99.3 CFOX, not "98.3," p. 82
- BC Vanderhoof 95.9 CIRX-1, not "CIBC-1," p. 90, map B
- NB Saint John remove 99.7 CKO-10 from p. 98

- ON Belleville remove \*94.3 CBBB from South-west ON map, p. 94
  - ON London remove 97.5 CKO-3 from p. 94
  - ON Ottawa remove 106.9 CKO-1 from p. 96
  - PQ Chicoutimi 96.9 CFX add \$, p. 163
  - PQ Havre-St-Pierre remove 100.1 CKO2- from p. 170
  - PQ La Malbaie 105.9 CIHO-1, not CIHO-, p. 97
  - PQ Rouyn Noranda \*90.7 add to p. 95; move power to correct column, p. 148; 99.1 CJMM, not "CJMN," p. 95
  - PQ Wemindji \*105.1 CBMW, not "CBMQ," p. 96
  - YT Whitehorse 93.5 CHLA calls missing, p. 155
- Thanks to Richard Reese, Jersey Shore PA, who supplied most of the FMistakes, above. Each year he comes through with scores of mistakes, and is the best proofreader I've got!
- "Many thanks for the Holiday greetings. I really appreciate the time and effort you put into FMedia! and FM Atlas."
- "I am disturbed by your continuing problems with vertical lines in the Station Directories. If anything they are worse than last edition. They look like they were drawn with a ballpoint pen about to run out of ink [p. 118]. The data columns are too close together, more so than last time. I've never understood why you feel such a compulsion to squeeze everything together so tightly. If you would allow slightly more space between them, the printer could (if necessary) use a little greater reduction, and the same amount of data would fit each page. [See p. 107 near the word "Hawaii" and p. 186 near the KGSF logo.] Problems such as the above really detract from the professionalism of your work. You spend hundreds of hours to insure ultra-accurate data, and then compromise it by taking a very casual attitude toward appearances."

**SCServices, 67, 78.67 and 92 kHz Symbols are as in the "FM Atlas"**

- MN Duluth WDSE"-TV," channel 8, uses no SAP, but "we are thinking of it for descriptive video. An SAP can be used separately from TV stereo, which WDSE has used for some time now. [67, "K-Wing 106"
- MN Red Wing KWNG 105.9 tU (telemetry) /
- MO Springfield KTTFS-FM 94.7 tU, 92 (tM, 67)
- NJ Newark WFME \*94.7. "Yes, 67 is Russian,

**FAMILY RADIO**  
*Radio Station WFME - 94.7 FM/Newark*  
 289 Mt. Pleasant Avenue  
 West Orange, New Jersey 07052  
 (201) 736-3600 (212) 736-3600

and 92 is Hatian."

NY—information supplied by Harry Maynard has some relevance to SCA and the secrecy that government and industry have placed on this technology, which otherwise could benefit the public. "From the doctor's knowledge of the body to the divine monarch's channel to God, high status is protected through special and exclusive access to information. Once authorities 'give away' their information, their expertness and status may dissolve. High status that is not (or is no longer) based on special access to information is generally revolted against. Heads of state who lose control over information sometimes lose their heads as well"—Joshua Meyrowitz in *No Sense of Place*. And S.I. Hayakawa in a 1963 symposium: "Most cultures believe that on certain topics all that can be known or is necessary to know has already been accumulated; consequently those who might wish to question or add to that knowledge are persecuted."

OK Broken Arrow KCMA 92.1 no SCS. "When we acquired 92.1 we agreed to allow the previous owner to use our 92 kHz SCA, but he never has. Page 120 of your Atlas reports that it is used for gospel and religious, which is news to me!" Now on with 27000 h.v; 200 m. "We couldn't afford to build a 1000' tower to keep our Class C

**KCMA**  
*Greater Tulsa's fine arts station*  
 2021 South Lewis Avenue  
 Tulsa, Oklahoma 74104-5758

status (106.1), so we traded our Owasso Class C for a Broken Arrow Class A (and some cash!). We lost our Kansas, Missouri and Arkansas listeners, but with our transmitter 35 miles closer—actually within the city limits of Tulsa—we covered Tulsa much better. After 3½ years of delays in Washington, we finally succeeded in upgrading our Class A to Class C2."

PA Pittsburgh a mysterious station has tX, 67 or 92 kHz (WDSY 107.97), testing for Automation News Network (ANN), which is considering using SCA. It's a company offering news about automation technology, hoping for an SCS rollout to other markets. Subscribers will be able to select the categories of information they want, with the SCS connected to an IBM-compatible computer. "The idea of any company leasing subcarriers just to deliver a daily publication is 'wacko,'" said a marketing person at Mainstream Data in Salt Lake City. Earlier-announced tests by F. W. Dodge never materialized, "because it had already put many of its technical resources into a major project automating the production of its printed reports." ANN, however, might do well considering going to the paging service of a 57 kHz network, since it will need the time more at night when papers are relatively quiet, suggests *Data Broadcasting Report*.

AT&E retrenches, cutting its workforce from 283 to 183. Its stock recently was 4%, down from a high of 23 5/8 last year. Tests are still going on with four Portland Class Cs, but the future of the company and its wristwatch SCA pager, made by Hattori Seiko, is very much in doubt.

TX broadcaster: "I saw your ad in the 'Small Market Radio Newsletter' and am interested in SCA. We'd like to supply a background music service to stores so they don't have to pay a fee to a music licensing company to get our program."

TX San Antonio is getting a reading service, with the Alamo Council of the Blind hoping to raise \$250,000 to provide thousands of visually impaired people with a new reading service station by May, 1991. Station not identified, but may be KSTX \*89.1. "Interested donors and volunteers may call 822-4864." [kHz, audio from their channel 7

UT Salt Lake City KUER \*90.1 tT, 67/  
 KISN-FM 97.1 no SCS (had music, 67 kHz)  
 WI Eau Claire WBIZ 100.7 tS, 67, "a very clear-sounding service with sports play-by-play," occasional audio

WI Green Bay WPNE-FM \*89.3 tX 92 (retains tT, 67), ABB Power T&D Co., Inc. of DE for electric company load switching. May expand elsewhere in the state, possibly through VHF radio transmitters. "It seems to be working okay... Wisconsin Public Service will use the system first in the Green Bay area. They will supply the SCA electronics and monitoring. The data feed will come from the power company via Telco. There should be one dedicated line and one call-up line for backup. They will operate within our broadcast day, but may request 24 hour service in the future."

"Please send me any information on new SCAdapters and accessories. Also, what has happened to easy listening stations? There are zero in Chicago and I have to tune in WEKZ-FM 93.7 Monroe WI when I can get it! Sad! The Toronto, Canada, area has excellent stations, as does Palm Springs CA. The Midwest has gone to the dogs."

**NonIDs, Not Just Slogans**

*Mentioned on the air usually without call letters "strict" if a station only uses call letters once per hour as required by the FCC (at or near the top of the hour)*

- AL Carrollton WCKO 94.1 Oldies 94 (strict)
- AL Cordova WFFN 95.3 Fun Country 95.3, having moved from 92.9 ["FM-95"
- AL Dothan WTVY-FM 95.5 95 Country (from/

AL Sylacauga WAWV 98.3 The Wave  
 AR Searcy KWCK-FM 99.9 Quick 99.9, having moved from 99.3  
 FL Fort Pierce WKGR 98.7 Kiss FM  
 GA Albany WKAK 101.7 K-101.7  
 IL Pana WKKO-FM 100.9 KO Country  
 ME Boothbay Harbor WCME 96.7 C-96.7  
 ME Millinocket WSYY-FM 94.9 Sunny 96 FM  
 MN Pipestone KISD 98.7 Kissed, still r ("The Heat")  
 OR Portland KKSX-FM 97.1 Kissin' FM or "KISN." "Real call letters buried in their: 50 spot set." [107.5" (strict)  
 PA Boyertown WYCL 107.5/ ["Rock-94")  
 PA St. Marys WKBI-FM 94.3 FM-94 (from/ PA Tunkhannock WYMK 107.7 Kool 107.7, on 24 hours, and "getting good comments from those who don't care for country on WEMR (AM). Before WYMK hit the air, WEMR was billing and collecting \$30 K to \$40 K per month. The former sales manager at WINR (680 AM) said any Binghamton station, AM or FM, would be happy with that billing. WEMR/WYMK is the only fulltime AM/FM combination in the N.E. PA five-county Endless Mountains area." New Forkston translator (last month, p. 1) with its multi-beams will be based at WYMK's tower, west of Tunkhannock. [(from "Kix 96")  
 TN Henderson WFKX 95.9 The Superstation/  
 TX Abilene KEAN-FM 105.1 105 Kean (strict, not "Kean 105")  
 TX Bastrop KGRS 107.1 uses calls; "Star 107" only rarely;  
 TX Brownwood KISJ 104.1 Kiss FM (strict; from "Kiss 104")  
 TX Coleman KSTA-FM 107.1 Country-107 (not strict) [K-Lite (from just "K-Lite")  
 TX Corpus Christi KLTG 96.5 Oldies 96.5/  
 TX Corsicana KAND-FM 107.9 still K-108, used when the FM is simulcasting with the AM, which is known as "KAND" [93.5")  
 TX Crockett KBHT 93.5 93-5 (from "Best Hits/  
 TX Haskell KVRP-FM 95.5 uses calls, no "Stereo-95" any more  
 TX Sherman KIKM 96.7 uses calls, no longer "Kickum 96.7" [(strict)  
 TX Wichita Falls KWFS 103.3 Oldies 103.3/  
 WA Seattle KMGI 107.7, still r, no more "1-1077," which was "one of Seattle's biggest radio promotions ever. KMGI is once again playing softer oldies in with their music mix."  
 WI Rudolph WIZD 99.9 Oldies 100  
 ON Chatham CKSY 95.1 FM-95 (strict), no longer "Cosy"

**Multi-City IDs in Use**

NY Montour Falls WNGZ 104.9 with Watkins Glen; now separate in programming from WGMF 1490, which goes oldies  
 TX Dallas-Fort Worth KERA \*90.1 adds Denton, still "One of a Kind" nonID, but "often omits the 'FM' suffix when IDing on the hour."  
 "The new FM Atlas is superb, although some of the maps are still a little hard to read."  
 "I liked the December FMEDIA in red ink."  
 "Like your new FM Atlas cover design."  
 "Thank you for not making the print any smaller like last year!"

**AM Happenings Most Likely Caused by FM**

AR Yellville KCTT 1530 silent; KCTT-FM 97.7 sold the AM in 1989; the owner of the AM is in default and the current FM owners are trying to regain the AM  
 CO Littleton KDKO 1510 has been hit by several FCC rules violations, including failure to cease operations within three hours after a mal function in the remote control system was detected; use of an unlicensed STL and repeated failure to change from its daytime to nighttime power and DA patterns  
 CO Monument (Colorado Springs) KCBR 740 was silent; now on with "NTR-talk"  
 FL Melbourne WMEI 920 silent  
 FL Plant City (Tampa) WFNS 910 all sports--was country as WPLA

GA Alpharetta WWXX 1400 was silent, to simulcast WRAF \*90.9 Toccoa Falls. Other stations expected to join this network, which will be commercial, even though WRAF is noncommercial.  
 GA Atlanta WSB-TV 2 news simulcast (6 to 7 p.m.) is mostly on AM stations. "These are mostly small town, very low power stations with apparently nothing else to fill out their schedules with. In my view, if someone wants to hear the news, they should simply use a radio that tunes TV-audio, instead of struggling to tune in some obscure, flea-powered station." Of the 22 stations carrying WSB-TV audio, two are FM: WQXJ 104.1 Clayton GA and WLJA-FM 93.5 Ellijay GA.  
 GA Augusta WGAC 580 AM has added more talk programs, some were from WNTA (see below). "Possible bad sign: one of the people laid off recently was the general manager."  
 WNTA 1550 format change from talk to soul/gospel.  
 LA Coshatta KRRP 950 silent  
 ME Auburn WTME 1530 silent; was Christian; license returned to FCC  
 ME Lewiston WXGL 1240 changes calls to WTME, now Christian (from oldies).  
 MA Boston WILD 1090 the only black station in the market, is confined to eight hours a day, sunrise to sunset. It serves a captive audience, but numbers of blacks in the market are so low compared to prices of buying a full-power, fulltime FM, that WILD is what they are stuck with. There is some competition in the format from WXKS-FM 107.9 Medford-Boston.  
 MO Kansas City KJLA 1190 on air, m; had been silent  
 NY Albany--an oldies war is threatening the four-year viability of WTRY 980 AM, now 15th in Birch, with WGY-FM 99.5 and WSHZ 98.3-WSHQ 103.5 now oldies and at No. 14 for the two. "When oldies first come on a market, they're on AM. When they become available on the FM dial, the AM kind of dries up and disappears. It happened in Kansas City [and] in Pittsburgh. WTRY has good financial resources to go on, backed up by Merv Griffin."  
 NY Binghamton WBNK 1360 now a Business Radio Network affiliate by satellite; had been WRSG as a rocker  
 NY New York WNEW 11130 lets "Make Believe Ballroom" host Les Davis go, replaced by Jim Hartan, who doubles as production director--"in effect, two jobs for the price of one."  
 NY Syracuse WOLF 1490, simulcasting WNYR 98.5 Waterloo NY, now with a diminished signal, perhaps 250 watts fulltime, rather than 1 kw day 250 watts nights. The "WOLF Syracuse" ID is "heard on the hour and even on the half hour with the WNYR broadcast in progress."  
 WRVO Oswego has long sought a translator in Syracuse because of intermod from WAER \*88.3 and WJZP \*89.1 off the same tower on the SU campus. WOLF at "1490 has been on and off so much lately that it ought to be written off, perhaps to aid \*89.9 WRVO in reaching the Syracuse University area."  
 "Many previously daytime only AM stations have since been granted the luxury of round-the-clock operation (albeit at very low wattage after sundown)... I have noticed at said sun-down time the operator will on occasion neglect to properly lower wattage as required by FCC rules. Only after a phone call to said station will the situation be corrected. The same can sometimes be true in the opposite--not going to full daytime wattage when sunrise occurs--something I would think a station would be eager to do."  
 OH Cortland (Youngstown) WKTZ 830 silent  
 OH Warren WANR 1570 now simulcasts WNRB 1540 Niles OH  
 PA Ephrata WGSA 1310 simulcasts WAGO 1240 there "for better market coverage and is a joint operating agreement between the two [non-co-owned] stations."  
 SC Spartanburg WORD 910 had been silent;

returns to air with news, talk, parallel to WFBC AM 1330 Greenville SC  
 TX Dallas 570 to become KLIF, with KKWM AM to disappear. The 1190 spot, formerly KLIF, sold to Greystone Broadcasting, Inc., and will go all talk and news with the Cable News Network. Greystone owns KNHN 1340 in Kansas City KS, a market with 23 stations. KNHN ranks No. 23 with a .4 share, as of last summer's Arbitron.  
 TX Houston is listed in Art Vuolo's all-sports "Radioguide" as the only city having an FM station originating a feed of a major league football team--KODA 99.1--muscling in on what has been AM's major domain for the Houston Oilers.  
 WA Puyallup-Tacoma KJUN 1450, with new owners, planning to drop country for hard rock. A change in calls is pending. "KJUN just couldn't compete with FM country locals KMPS-FM 94.1 and KRPM-FM 106.1."  
 BC Langley-Vancouver CKST 800, "Coast 800" (strict). This station has gone through "many, many format and calls changes in its 27-year history; has now switched to a p format; progressive, 'college' rock. No oldies or music that isn't current. On FM there is only CITR \*101.9 with this format. CFOX 99.3 and CFMI 101.1 album-rock formats could hardly be called progressive, so yet another Vancouver AM takes advantage of format holes or CRTC restrictions on CHR formats on FM."  
 USA--"There is no medium that has the attention of teenagers as FM radio does. And if we want to fight for this decisive generation where else can we find 97 percent of them?" Quote in "Religious Broadcasting" magazine summarizing Teenage Research Unlimited's finding that, "while 22 percent listened to AM radio each week, 80 percent watched television [and] 97 percent listened to FM radio every week."

**FM Rulemakings Proposed**

First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed before the dates.

- AL Thomasville 95.5C3 for 95.3A, WJDB-FM, Jan. 14, 29 [Jan. 28, Feb. 12
- AR Mountain Home 93.5C2 for 105.5A, KPFM, CA Dorrington 106.1A, Jan. 17, Feb. 1
- CA Fort Bragg 96.7B from A, KZPB, Jan. 31, Feb. 15
- CA Lenwood 96.9A, Feb. 1, 19
- IL Mount Vernon 96.7A, Jan. 22, Feb. 6
- IA Britt 99.5A, Feb. 4, 19
- KS Horton 93.7C3, counterproposal
- KS St. Marys 102.9C2, Jan. 22, Feb. 6
- KS Wathena 93.7C3, with Tarkio MO
- KY Barbourville 96.1C3 WYWY-FM 96.1C3 for 93.5A, Jan. 11, 28
- KY Garrison 98.3A, Jan. 22, Feb. 6
- KY Georgetown 103.3A for 103.1A, WTKT, Jan. 22, Feb. 6 [Feb. 12
- LA Bastrop 97.5A for 97.3A, new, Jan. 12, LA Jonesboro 104.9C3 from A, KTOC-FM counterproposal
- LA Lafayette 95.5C2 for A, KRRQ, Jan. 10, 25
- LA Mansfield 104.7C3 for 92.7A, KJVC counterproposal [Jan. 28, Feb. 12
- LA Oak Grove 96.7C2 from C3, KWCL-FM, LA Oakdale 98.7C1 from C3, KICR-FM, Jan. 28, Feb. 12 [28, Feb. 12
- LA Tioga 103.5C2 from 98.3A, K LAA, Jan. / MI Boyne City 93.5C2 from A, WCLX, Jan. 28, Feb. 12
- MI Marquette 94.1A, Jan. 14, 29
- MN Deer River KXGP 105.5C1 from A, Jan. 14, 29 [Spring (St. Cloud), Feb. 8, 25
- MN Litchfield KMXX 94.9C2 move to Cold/ MS Collins 107.1A for 101.7A, WKNZ, "show cause/why not?" [Jan. 11, 28
- MS Gluckstadt 101.7C3 from A, WLIN/ MS Newton 97.9A from 106.3A, WMYQ, Jan. 14, 29
- MS Petal 106.3C3 from A, WMFM, Jan. 14, 29
- MO Tarkio 94.6A for 93.5A, KTRX counterproposal [FM counterproposal]
- NE Nebraska City 97.7C1 from C2 KNCY-/ NV Jackpot 98.5A, Jan. 22, Feb. 6
- NM Los Lunas 106.3C1 from A, KZPY, Jan. 22, Feb. 6
- NY Olean 101.5A from 100.9A, "show cause/why not?" [WQQY, Jan. 14, 29
- NY Saratoga Springs 102.3A to Ballston Spa NY, /

NY Stamford 97.9A, Feb. 7, 22 [8, 25  
 OK Tahlequah 101.7C3 from A, KEOK, Feb./  
 OR Brownsville 102.3C1 from A, KGAL counter-  
 proposal [28, Feb. 12  
 PA North East 100.9B1 from A, WRKT, Jan./  
 SC Pamplico 102.1C2 from A, Jan. 22, Feb. 6  
 SD Vermillion 106.3C2 or C3 from A, KVHT,  
 with Nebraska City  
 SD Volga 102.3C3 from A, Jan. 17, Feb. 1  
 TN Hilham 102.7A counterproposal  
 TN Monterey 104.7A, Jan. 10, 25  
 TN Tusculum 103.1A, Jan. 22, Feb. 6  
 TN Waynesboro 94.9C3 from A, WTNR, Jan. 14,  
 29  
 TX Ingram 107.1A, Jan. 28, Feb. 12  
 TX Big Spring 96.5A, Feb. 7, 25 [28  
 TX Littlefield 95.5C3 from A, KXDM, Jan. 11/  
 TX Mineral Wells 95.9C1 from A, Jan. 11, 28  
 TX Winter 96.1A from 95.9A, Jan. 11, 28  
 UT Nephli 103.9C from 92.7A, KCDH, Feb. 4, 19  
 VA Lynchburg 97.9C3 from 98.3A, WGOL, Jan.  
 10, 25 [KZHR, Jan. 28, Feb. 12  
 WA Dayton 92.5C1 from A [Feb. 6  
 WA Pasco 101.3C3 from A, KGDN, Jan. 22/  
 WA South Bend 106.3C3, Jan. 10, 25  
 WV Clarksburg 92.3A from 92.7A, WVHF, Jan.  
 22, Feb. 6  
 WI Adams 106.1A, Feb. 8, 25  
 WY Fox Farm (Laramie) 103.9C1, Feb. 4, 19

**FM Rulemakings Finalized**

*Dates are when FCC filing windows are open*

AL Monroeville dismissed 95.3C3 bid  
 AL Ozark WNER 103.9C3 from A  
 AL Thomasville dismissed WJDB-FM bid for  
 96.7C2 for 95.3A  
 AZ Show Low KVVM-FM 93.5C3 from A  
 AR Berryville KSCC 107.1C3 from A  
 CA Barstow KXXZ 95.9B1 from A  
 CA California City 106.9A, Jan. 24-Feb. 25  
 CA Healdsburg 95.9A, Jan. 11-Feb. 10  
 CA Rosamond 93.5A, Jan. 24-Feb. 25  
 CA Thousand Palms 94.7A, Jan. 11-Feb. 10  
 CO Durango 99.7C2, Jan. 28-Feb. 27  
 CO Telluride 104.9C1, Jan. 28, Feb. 27  
 DE Bethany Beach 103.5A, Jan. 14-Feb. 13  
 FL De Funak Springs WQUH 103.1C2 from A  
 FL Riviera Beach WOLL 94.3C3 from A  
 GA Gibson 94.7A, Jan. 10-Feb. 10  
 HI Hilo 95.9C2, Jan. 8-Feb. 7  
 HI Kealahou KOAS 96.1C from 92.1A  
 IN Plymouth WNZE 94.3B1 from A  
 IA Waukon KNEI-FM 103.5C2 for 103.9A  
 KS Emporia KEGS 101.7C2 from A  
 KS Fort Scott KVCY 104.7A from 101.7A  
 KS Independence KIND-FM 102.9A from  
 101.7A  
 KS Larned KYSG 106.9C1 from A  
 LA Leesville KVVP 105.7C3 from 105.5A  
 ME Fairfield WEZO 93.5C3 for 93.3A  
 MI Big Rapids WAAQ 102.3C3 from A  
 MI Traverse City 104.5A, Jan. 29-Feb. 27  
 MN North Mankato KDOG 96.7C3 from A  
 MO Birch Tree KBMV-FM 107.1C3 from A  
 MO Caruthersville KLOW 105.1A from 103.1A  
 MO La Monte KOSY 97.3C3 from A  
 MO Lutesville dismissed 104.1A bid  
 MO Otterville 107.7A, Feb. 4-Mar. 6  
 MO St. Robert (new) 98.9A from 96.5A  
 MO Sprta KLTQ 96.5C2 from A  
 NM Alamogordo KYEE 94.3C3 from A  
 NM Kirtland 102.9C, Jan. 28-Feb. 27  
 NM Ruidoso KWES 93.5C3 from A  
 NY Monticello 99.7A, Jan. 15-Feb. 14  
 NY Morristown 102.9A, Jan. 7-Feb. 6  
 OR La Grande KWRL 99.9C1 from 100.1A  
 OR Lebanon KIQY 103.7C from C1  
 OR Nyssa KGZH 98.7C1 from A  
 OR Sweet Home KSKD 107.1C1 from C2  
 SC Batesburg WKWQ 93.1A from 95.3A  
 SC Bowman 94.5A, Jan. 28-Feb. 27  
 SC Gibson 94.7A, Jan. 11-Feb. 10  
 SC Greenwood WMTY-FM 103.5C3 from A  
 SC South Congaree 95.3A, Jan. 29-Feb. 28  
 SC Summerton 95.5A, Jan. 28-Feb. 27  
 SC Summerville WWVZ 93.3C2 for 93.5A  
 TN Jackson WMXX 103.1C2 from A  
 VA Exmore WPHG 106.1B1 from A  
 VA Lynchburg WKZZ 100.1C3 from A  
 WV Rainelle WRRL-FM 95.3A from 96.7A  
 WI Clintonville dismissed WJMQ's bid for 92.3C3  
 from 92.1A [92.9A from 93.1A  
 WI New Holstein dismissed KFKQ's bid for/  
 WI Park Falls WNBI-FM 98.7C2 from 98.3A  
 WI Portage 95.9A, Jan. 7-Feb. 6  
 WI Tomahawk WJJQ-FM 92.5C3 from 92.7A  
 WI Wautoma dismissed bid to add 93.1A for  
 92.3A

**Let WHMA-FM Move**

An idea that has generated almost total opposition throughout the industry is one that deserves to be tried. It's the proposal by the owners of WHMA-FM 100.5 Anniston AL, to move that station's channel to the Atlanta GA market—to a community known as Sandy Springs. It's a daring move and one that deserves to be favorably acted upon.

Here's a challenge to the FCC to put action where its mouth is. One of the mandates of the Federal Communications Commission, as spelled out in the Communications Act of 1934, as amended, is to provide a fair, efficient, and equitable distribution of radio service to the various states and communities. This has been a farce, as Sydney Head and Chris Sterling point out in their classic text, *Broadcasting in America*, "People in big cities can choose from 40 or more stations, while people in many rural areas have little or no choice. Localism in station distribution, coupled with commercial free enterprise, inevitably leads to maldistribution—too many stations where the money is, not enough where stations cannot operate at a profit."<sup>1</sup>

Even at the expense of perpetuating a farce by placing yet another media voice in the Atlanta market, I see the move as good, especially since a replacement channel has been suggested for Anniston. The major objectors to the move-in have been other Atlanta commercial FM stations—and their motives are entirely self-serving, as Tom Gammon of Emerald Broadcasting, licensee of WHMA-FM, has pointed out. Chuck Reece, writing in the December *Georgia Trend*, says: "If Gammon moved WHMA-FM, it could rattle the Atlanta radio market like it hasn't been rattled since FM broadcasting exploded in the late 1960s. Atlanta's dominant stations—11 FMs and one AM—are as comfortably ensconced as the Democrats in the General Assembly. Their broadcast licenses are like permits to print cash." The article goes on to say that Atlanta is relatively underserved by commercial FMs. Ranked right behind Atlanta in national ADIs is Seattle-Tacoma, which is served by 17 commercial FMs, "half again the number in Atlanta."

Let Emerald be rewarded this one time for its creative thinking. Let more competition come to the Atlanta FM marketplace. But after that let's hope the FCC comes to its senses and devises a plan for dealing with marketplace move-ins in such a way as to serve the original mandate of a fair, efficient, and equitable distribution of radio service to the various cities and states of this nation.

<sup>1</sup>Sydney W. Head and Christopher H. Sterling, *Broadcasting in America*, Fourth Ed., 1982, p. 416.

**KOCM, KSRF, Both 103.1 in Southern CA, To Have Common Ownership**

They serve almost the same market, and in a move similar to the double broadcasting situations in Albany NY, San Francisco and Atlanta, two Los Angeles areastations on the same frequency, 103.1, are combining under the helm of Kenneth J. Roberts, who built KROQ-FM 106.7 Pasadena CA into a media giant before selling it for \$45 million in 1986. Roberts is buying the stations from separate owners for a total of \$17.7 million, subject to FCC approval. Formats would be combined. Speculation is that it would be urban/soul. With the same Class A frequency and overlapping coverages, the two stations would give Roberts "70 percent of the [potential] audience for about 30 percent of the cost" [of buying a Class C].

New lease agreements by non-owned stations in the same market are referred to, above, under "Call Letters" (WTSN-FM Manchester TN) and "Formats" (KISX Whitehouse TX). In Pueblo CO KKM 98.9 has signed an agreement to be represented in local sales by KKFM 96.5 Colorado Springs. This arrangement permits one local sales staff in each market to represent two stations that are not co-owned, while maintaining separate programming identities. Such leases are apparently all right with the FCC, which found no rules' violation in an agreement whereby KSPQ 93.9 West Plains MO and its AM, KWPM, will program KUKU-FM 100.3 Willow Springs MO with between 12 and 24 hours of KWPM programming per day, received probably by FM-SCS.

**RADAR Report Shows FM Listening Holding at 77%**

The fall, 1990 RADAR report confirmed FM's share of the listening audience at 77 percent of persons 12 years of age or older, "the level first achieved in 1989." Teenagers are among FM's most dedicated fans, with 81 percent "listening solely to FM, as contrasted to 28 percent of persons 55+." Even among the group 55 and above, just 27 percent listen only to AM, with 35 percent patronizing both bands, and 10 percent not listening to radio.

**CBC Sends Out Mixed Signals; New CRTC FM Policy Announced**

In December, the Canadian Broadcasting Corporation announced massive budget cuts up to \$140 million (Canadian) and will be implementing some lay-offs. Regional production centers would be cut back to one per province. "This isn't the first time the network has been hit with cutbacks and they usually manage to bounce back," says consultant Mike Chery. "It does appear, however, to put a damper on the establishment of stations

planned for Victoria BC. . . CBC may even consider implementing advertising on AM and FM again—something they have promised wouldn't happen." However, according to other reports, the CBC is planning a restructuring of AM and FM, positioning FM as the flagship network, and changing the programming from primarily classical to a wider variety of offerings. CBC-FM would be called Radio One and CBC-AM Radio Two. The FM network audience has an average age of 60, and offers a service with "an extremely limited market potential [and that] classical music formats can be expected to reach a maximum of four to six percent of the available audience." One reason given for the shift to FM is the expected advent of digital audio broadcasting and the general attraction of FM as the medium of choice for virtually all listeners. A third network, probably FM, would carry commercials.

A relaxation of commercial limits along with an increase in Canadian content requirements are key factors in the new CRTC rules for FM. Canadian content would vary from 30 percent (up from 20 percent) for popular music stations, and only 10 percent (up from seven percent) for classical and special interest stations. Commercials could go up from 150 to 162 minutes per day. The rules are designed to let FM stations respond to market changes more quickly, and eliminate some of the burden of having to persuade the regulators when a station wants to make format changes, while "all the other devices protecting AM stations are still in place."

#### **Stern Slap at Howard From FCC**

Shock jock Howard Stern has been fined \$6000 for a show he did two years ago, a Christmas '88 program that dwelt on "sexual intercourse, orgasm, homosexuality, masturbation, lesbianism, breasts and male and female genitals." Heard exclusively on FM, including WXRK 92.3 New York, Stern was hailed before the FCC by an unidentified New Jersey woman. Stern and Infinity Broadcasting are expected to appeal the fine. In other fine things, WF-BQ 94.7 Indianapolis' Bob and Tom were fined \$10,000 for broadcasting indecent comedy routines. Like Stern, they're fixated on describing sexual organs and activities on the air. "Decency in Broadcasting" commended the FCC for its action, saying "The result of this decision by the federal government should be to set a high standard for broadcasting decency in our community, and thus benefit our children." Attorney John Price is a 10-year foe of Bob and Tom and has filed numerous complaints with the FCC against the show. EEO violations have earned WTHZ 103.1 Tallahassee FL an \$18,000 fine and a short-term renewal

through Feb. 1, 1992, while WTCB 106.7 Orangeburg SC got a \$10,000 fine for when Keymarket Communications owned the station. WSCQ 100.1 Columbia SC was denied reconsideration of its \$10,000 fine.

#### **Emmis Sells WLOL Minneapolis to Minnesota Public Radio**

Minnesota Public Radio has announced it is buying WLOL 99.5 Minneapolis for \$12 million, subject to FCC approval. Emmis Broadcasting is believed to be taking a tax write off on the deal of about \$8 million, since WLOL had been on the market for \$24 million, and actually worth about \$20 million at current market prices. This will

give MPR a much-wanted news and information outlet on FM for the Twin Cities. MPR, one of the applicants for 105.7 Eden Prairie MN, has reportedly withdrawn from that contest. WLOL's 32-year contract with Muzak expected to go to Mid-Continent Broadcasting, KDWB-FM 101.3, previous owner of WLOL 99.5. Emmis paid \$6 million for WLOL in 1982. KNOW (formerly WLOL AM) 1330 is on the market for \$2 million, including 10 acres of land in St. Paul on the Mississippi river. Classical music would go to 99.5, while \*91.1 would be monophonic talk. Jim Wychor, MN Broadcasters Association, says his group has a "continuing concern about the expansion of MPR and the continual reliance on commercial sales—too much underwriting and too much commercial activity." MPR's underwriting representatives call on the same clients commercial radio salespeople call on, according to Wychor, who said this gives MPR five FM frequencies covering all or part of the Twin Cities—90.1, 90.5, 91.1, 91.7, and 99.5; 88.9 in Collegeville also reaches the northern suburbs. Four Twin Cities commercial channels are or will be noncommercial—95.3, 98.5, 99.5, 100.3, making the remaining FMs there extremely valuable. But watch KXLV 105.5 Cambridge MN, now with an OK for a C3 on 105.3, which would reach into the northern suburbs, and the new KZPZ 105.1 Lakeville, serving the southern metro area.

An employee of Emmis Broadcasting called and asked if there is any other example of a commercial station being sold to a noncommercial entity. The only examples which come to mind are all in MN—WKLK-FM Cloquet sold three years ago to Minnesota Public Radio for \$200,000 (now WSCN \*100.5, with transmitter in Duluth), and off-air WDTN 103.3

**WDTN Radio**  
An American FM Radio Network Station  
317 W. Superior Street  
DULUTH, MINN. 55802

Duluth being sold to the University of Minnesota, enabling low-power KUMD to move from 89.1 to \*103.3. Further speculation is that, since these channels are allocated commercial by the FCC, they could later be sold after FM station values increase, with the money reinvested in other stations or projects. Emmis is looking for another station in the Twin Cities market to take the WLOL programming, and to hire its "very talented on-air staff."

#### **Other Small-Print Happenings and FM Industry News**

MN Minneapolis "WMMR" on 96.3 on the University of Minnesota campus (see Dec., p. 1) is believed to be cable, not illegal on-the-air. Still, cable can be used as a means of distributing the signal to various campus buildings from which on-air radiations could occur, possibly on frequencies other than 96.3.

WBFX 95.3 Grand Marais MN might not be built. Both the owner and a judge have agreed that a 186-meter tower near the Boundary Waters Canoe Area should not be built, because it would be unsightly and proposed oil storage tanks for the station's emergency generator might leak. The station was designed to serve Thunder Bay ON, and without that tower site its attractiveness to an owner may be diminished. The judge also said the tower and its guy wires would present a risk to bald eagles and peregrine falcons, species protected under law.

A pirate bust by the FCC involved a station on 90.5 in Lancaster (Buffalo) NY, with the owner fined \$1,000. And a quirky pirate in Adrian MI on 89.5 was busted for airing a continuous tape against a local gay group that was protesting the arrest of several of their members in that city.

Whether to space satellites at two, three or four degrees (most are at four) is an issue facing not just television, but also radio, voice and data, according to Jim Grabenstein, research engineer with American Visions, Inc. Stations can employ smaller, less precisely-aimed dishes if the object they want to receive is spaced farther from other satellites.

WSWR 100.1 Shelby OH had its license renewed, then rescinded by the FCC after it was learned that former communications lawyer Thomas Root was a principal in The Petroleum V. Nasby Corp, station licensee. If the FCC finds that Root had improperly owned, or improperly divested his interests in the station, its license could be in jeopardy. This is just one episode in the bizarre case involving Root, which goes back several months.

KSEA 100.7 Seattle was reprimanded by the FCC for failing to tell listeners they could be disqualified from a \$10,000 contest for sending in duplicate entries. One person was dumped ex post facto who had sent in 800 entries, and was allowed to keep only one entry.

The FCC is to limit settlement payments for new station applicants to their "legitimate and prudent out-of-pocket expenses." This is similar to a policy they had in force a few years ago. Latest move is to discourage frivolous applications and forcing handsome payments to the loser(s) from the winning applicant.

Its affiliates are only on AM, and therein may be the reason for the failure of Money Radio Network. It's pulled the plug Jan. 1. Flagship KMNY 1600 Pomona CA reported also to be in financial trouble.

It's not just the commercial stations getting picky about the music they play. College stations, according to Julie Panebianco, A&M Records, says it's become a matter of "arm-wrestling with college radio as well as commercial." Especially in Boston, with a variety of college stations filling parts of the dial, there are

charges of elitism. "Each station has their particular brand of elitism, and has carved out their own little niche." Elitism may not be all negative, since the college radio market is "richer [with] more diverse types of music on the airwaves."

The article a few months ago about several Midwest stations boycotting the country music of k.d.lang (she prefers small letters) because of her support of vegetarian causes left out a detail about her life that could cause further controversy. Laura Deir writing in the *Gay Community News*, Oct. 7-13, 1990, says "There ain't no doubt that k.d.lang has become a darling of the lesbian community [who] has not come out openly saying, 'but I wouldn't survive if I told you so'. She has had to pay for her musical idiosyncrasy. Her songs get very little airplay... What a powerful message it would be if all of her audience understood that the woman whom they were including in this celebration of delight in being alive was a lesbian."

Oak Creek CO's "Sound of the Wind," KFMU 103.9 adds to its wind power and backup diesel generator an electric generating system using solar power. The windmill provided 70 to 75 percent of the station's power. Now solar is expected to give it from 30 to 35 percent. When fully charged, the solar cells should power the Class A for 3½ days.

The FCC's decision against FM translators means there won't be a low-power FM service—and Gerry Turro, owner of W276AQ 103.1 Fort Lee NJ is planning a federal court appeal. "The FCC obviously wasn't listening to any of the congressmen or freeholders or U.S. senators or the 5,000 people who signed petitions supporting us," said Turro. "The FCC decision locally has been called an 'insult.'" The FCC pointed out that Bergen County gets local radio service from WPAT-AM-FMPaterson, WWDJ-AM Hackensack, WFDU Teaneck, WRPR Mahwah, WRRH Franklin Lakes and unbuilt AM station WVNJ Oakland NJ. "The article goes on to say WRRH in Franklin Lakes serves Bergen County. False! WRRH hasn't been on in six years!" reports Bill Nienajadly. Howard Enstrom, in his FM translator newsletter, says there are 1,831 FM translators on the air, or 32 percent of the number of full power FMs.

The FCC will soon require FM translators whose station identification is made by the primary station to furnish current information on the translator call numbers and location. The information will be kept in the primary station's files and used to contact the translator licensee in the event of malfunction of the translator, as well as helping to insure that translators are properly identified.

Enstrom's rag has information on FM officially turning 50 years old last year, mentioning the same lack of fanfare that accompanied its inception. "The history books record no ceremonious flip of a switch, no grandiloquent speeches, no figurative smack on the bottom for the infant technology known as FM."

WMNF \*88.5 Tampa FL nets \$160,500 in a fall fund-drive from 3221 pledgers. WFCR \*88.5 Amherst MA gets \$35,000 from an anonymous contributor, providing a good start for its \$160,000 fall membership goal. "The \$35,000 on air pledge is very, very rare," said Barry Forbes, director of marketing at the Washington DC-based Development Exchange. WCAL-FM \*89.3 Northfield MN got 500 new members among its 5,000 listeners who financially support the "oldest listener supported radio station in America" (including its AM station on 770, founded in 1919). They raised more than \$80,000. The station is also said to have a nice endowment. Christian station KDNW \*90.5 Duluth MN had a successful three day fundraiser, but because of rising costs, is asking its listeners to fork over \$25,000 to overcome a deficit. They are operating at reduced power, and hoping for FCC approval of an application to change site and slightly increase its coverage. Present transmission

line is full of water and they don't want to replace it until the station moves.

"Megahertz: a very large car rental organization," Frank Romano in *Typeworld*, Dec. 1.

From the classifieds: Tulsa AM/FM seeking assistant engineer with formal electronics training and 2 yrs. radio bcstg. experience. Resume to Chief Engineer KWEN, 7136 S. Yale, Tulsa OK 74136.

Oklahoma Class A for sale, low down payment, \$99,500. Joyce Erway, KRMK Cordell OK 73632; (407) 283-6871.

Class A with CP to upgrade to C2, must sell because of health reasons, \$200,000, terms available. Former FMedia! subscriber Bill Coleman, Jr., WIST, Box 460, Lobelville TN 37097.

Digital Audio Broadcasting: Status and Outlook, just published by the NAB at \$45 list price or \$25 for NAB members. (800) 368-5644.

"Digital broadcasting will be the most significant technological leap for radio since FM technology was developed in the 1940s and 1950s."

Henry Studebaker in CA publishes a handy-size "The Traveler's Country Music Radio Atlas," with very clear maps by states showing major highways and locations of FM and AM stations with a country format. The 1990-1991 edition is 80 pages and only \$6.00 per copy with shipping, and well worth it. Henry's been to the "publishing estate," and was kind enough to put a full-page plug for my "FM Atlas" in his book. His book mentions how, in Texas alone, high powered FM stations with country have increased from 43 in 1985 to 52 now, while AMs with that format declined from 23 to 16.

If you like to know more about FM in Finland, there's a thorough 40-page guide, "Suomen Radiot," with maps and station lists—all in the Finnish language. Price is 25 Finnish markkas, and U.S. dollars are accepted at the rate of \$1 equalling 3½ markkas; or 12 International Reply Coupons, available at the post office. Order from Timo Laponiemi, Box 7, SF-05901, Hyvinkää FINLAND.

"FM Atlas" back issues all used, one copy of each available, fair to poor condition, 1st ed., 1972, \$2.50; 4th ed., 1976, \$2.95; 5th ed., 1978, \$3.95; 8th ed., 1983, \$6.95; 11th ed., 1988, \$9.95; add \$1.05 per order shipping from "FM Atlas," Adolph MN 55701-0024.

In response to a reader request, the format here has changed to a flush left mode, rather than a centered line format. Also note experiments in kerning, a printing term allowing for overlapping characters, such as VA for VA, WA for WA, Tom written instead of Tom, and the numeral "1" compressed to occupy less space. Let me know if the changes are an improvement or not.

FM FORUM

CONTRIBUTIONS FROM READERS

Chuck Gysi in Burlington sent a story about a Christian group wanting to import into that Iowa river town (as well as Mount Pleasant IA) the signal of Quincy's WGCA \*88.5 via translator. Their original plans called for two translators, but the new rules might provide for a 250-watt outlet which could be located between the two towns and cover both from one site. WGCA is also on a translator in Kirksville MO (91.9) and is working to get similar relayers in other nearby cities. The Kirksville translator is said to be the second most-listened-to station in that area. WGCA's programming is 70 percent adult-contemporary Christian music with a few shows, such as James Dobson's "Focus on the Family."

Alan Hobson in England sent information on a group wanting to bid for a national FM rock music franchise, but found their hopes dashed when the House of Lords agreed with the government that rock be considered a part of pop music. This decision precludes a rock format from being acceptable in the "non-pop" category planned for one of the new national commercial services. It seems the other alternative is classical music. "There has to be an element of doubt over the viability of a commercial station playing classical music. If the Radio Authority

wants a flagship commercial station they should consider very carefully the pros and cons of a classic as opposed to a rock station," Paul Smith, chairman of the Q-Rock group said. If you've wondered what pop is, here is the definition by the House of Lords: Pop was music that included "rock music and other kinds of modern popular music that are characterized by a strong rhythmic element and a reliance on electronic amplification of their performance."

"Your card [for ordering the new 'FM Atlas'] mentions having treated the Armstrong subject," writes Howard L. Enstrom of FM Technology Associates. "So have I, in a series of installments that ends next month. They've been much enjoyed. Perhaps, you feel as I that the man was grossly wronged by big money interests."

Harry Maynard sent a program list of attendees at a recent conference, "Major Edwin H. Armstrong: The Man and His Inventions," held in November at his alma mater, Columbia University. The guest list showed attendees were mainly from New York, although James Brittain, School of Social Sciences, Georgia Tech, Atlanta, was invited, as were historian Erik Barnou of Fair Haven VT, Tom Bird, general manager WEVD New York (formerly head of Physicians Radio Network), an amateur, David Sumner of the ARRL, Newington Ct., along with a couple of WFDU Teaneck NJ staffers. WFDU is the only FM station still transmitting from Armstrong's historic Alpine NJ tower. The summer '90 Columbia University alumni magazine had a six-page feature article on Armstrong, "Wave Maker," '13 Eng. "Exhilarated by heights," it showed him perched atop the Alpine tower in 1936 and atop the tower of WJZ New York in 1923, 122 meters above 42nd Street.

"FMedia! is terrific—and a lot more interesting than Broadcasting, which barely pays lip service to radio these days," writes Dr. John Major, owner of KCMA 92.1 serving Tulsa. "I had several conversations with John La Tour when KCMA was in Owasso; he was interested in building a translator in Fayetteville to relay it! Thomas Root has certainly been in the news. Has anyone found out and reported exactly what happened to him—crashing in the Atlantic with a bullet hole in his stomach? When my application for a CP came up for a hearing, my opponent, a genial Oklahoma "ole boy" was represented not only by a Sand Springs OK attorney (who knew zilch about communications law) but also by a young Washington communications attorney who had called him and talked him into engaging him too: Thomas Root! He didn't know much more than the Oklahoma lawyer, and most of the morning was spent with the administrative law judge telling him what he should have done but didn't. After lunch they cornered my attorney to settle. How lucky can you be? ... Ernest G. Wilson's *The Broadcasters Guide to Radio Station Development and The Broadcasters Guide to Program Sources* (1975) were what finally convinced me I could build my own station!"

A frustrated broadcast engineer says "FM isn't being allowed to deliver all it can, what with poor audio quality mainly from processing, and from jamming the dial with so many stations that listening out to a station's fringest coverage capability is impossible due to interference. . ."

Until next month,

*Donna F. Elving*



# FMedia!

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Volume 5, Number 2—February, 1991

## New FM Station, Translator Grants

- AL Huntsville (north) WKQD-2 93.3 20-watt booster of Tullahoma TN station  
Huntsville (south) WKQD-1 93.3, 20-w booster  
AL Northport (Tuscaloosa) 100.7 3000 watts h.v; 100 m, Warrior Bcstg. (see also "Deletions," below)  
AK Paxson (SE of Fairbanks at intersection of Hwys. 8 and 4) K292AR 106.3 (translator of KIAK-FM 102.5 Fairbanks)  
AR Harrison K215BR \*90.9 (KCMH 91.5 Mountain Home) [loc Bcstg.]  
AR Little Rock 99.5 3000 h.v; 100 m, Name-/  
AR Wrightsville (Little Rock) 107.7 3000 h.v; 100 m, W. Communications Co.  
CA Avalon 92.7 200 h.v; 304 m, Catalina Radio  
CA Independence 106.3 3000 h.v; 493 m, Bennett Kessler [Grand Junction]  
CO Craig K211BS \*90.1 (KPRN 89.5/  
DE Dover W216AM \*91.1 (WFSI 107.9 Annapolis MD) [m, W. L. Dilucente  
FL Cape Cove (Sarasota) 107.9 3000 h.v; 100/  
FL Edgewater 93.1 3000 h.v; 100 m, DeHaro Radio [106.3 Melbourne)  
FL Merritt Island W203AC \*88.5 (WCIF/  
FL Port St. Lucie W216AN \*91.1 (WRMB 89.3 Boynton Beach)  
GA Cedartown W215AG \*90.9 (WMBI-FM 90.1 Chicago IL, via satellite)  
GA Hardwick (Milledgeville) W220AM \*91.9 (WFCH 88.5 Charleston SC) [Columbus]  
GA La Grange W220AN \*91.9 (WFRC 90.5/  
GA North Canton W206AE \*89.1 (WCCV 91.7 Cartersville) [Des Moines)  
IA Ames K206AW \*89.1 (KDFR 91.3/  
KS Hutchinson \*91.7 100000 h.v; 293 m, g, KS-NE Christian Bcstg. (see also "Deletions")  
KY Irvine 106.1670 h.v; 199 m, KY River Bcstg.  
KY Louisville 100.5 50000 h.v; 150 m, L. Bcstrs., Ltd. [m, Ladon Bcstg.]  
KY Reidland (Paducah) 106.7 3000 h.v; 100/  
KY Williamsburg W216AL \*91.1 (WMBI-FM 90.1 Chicago IL) [anne Warnock  
KY Wilmore 96.3 3000 h.v; 100 m, Mari-/  
MN Moorhead \*90.3 100000 vertical only; 151 m, MN Public Radio  
MS Flora (Jackson) 97.5 3000 h.v; 100 m, Crossroads Communications  
MT Emigrant (SE of Livingston) K216CH \*91.1 (KEMC 91.7 Billings) [Miles City)  
MT Terry K220DF \*91.9 (KECC 90.7/  
NJ Asbury Park \*88.1 100 watts h.v; 30 m, g, Evangelical Crusades of Fishers of Men  
NM Clovis K204BP \*88.7 (WMBI-FM 90.1 Chicago IL) [A. Soliday  
NY Copenhagen 106.7 200 h.v; 374 m, Tia/  
NY Montauk 94.9 3000 h.v; 38 m, Women Bcstrs., Inc. [R. Delaware, Inc.]  
OH Delaware 107.9 3000 h.v; 100 m./  
OH Greenfield 97.5 2800 h.v; 93 m, D. M. Watson  
OH Manchester (there are two Manchesters in OH—this is the one on the river near Maysville KY) 101.3 3000 h.v; 100 m, Jewell Schaeffer Bcstg. [Gourd City Bcstg.]  
OH Mount Gilead 95.1 3000 h.v; 100 m./  
OH Wauseon 36.9 3000 h.v; 100 m, Steamboat Radio Partnership  
OR Florence K211- \*90.1 (KRVM 91.9 Eugene). This translator is used to feed KSYD \*92.1 Reedsport OR. KSYD will also have some programming from Reedsport High School.  
SD Gettysburg K214BH \*90.7 (WMBI-FM 90.1 Chicago IL)  
TN Bolivar 94.7 6000 h.v; 100 m, the Shaws  
TN Dyersburg W214AJ \*90.7 (WMBI-FM 90.1 Chicago IL)  
TN Jackson W201AM \*88.1 (WMBI-FM)  
TX Brenham K214BG \*90.7 (WMBI-FM)  
TX Huntsville K218BI \*91.5 (WMBI-FM)  
TX Jacksonville 102.3 3000 h.v; 100 m, R. W. Shivery [m, Trinity Valley Bcstg.]  
TX Woodville 94.7 50000 h.v; 150/  
UT St. George 99.7 100000 h.v; 301 m, Ear, Inc.  
VT Morrisville 93.9 3000 h.v; 37 m, Radio Vermont, Inc. [Billings MT)  
WY Worland K203BI \*88.5 (KEMC 91.7/  
ON Belleville 92.3 50 watts h, Loyalist College 102.3 3000 h.v; \$, r, Twigg Communications
- ### Call Letters Assigned or Changed
- AL Fort Rucker 100.5 (facilities change from 93.1) WXUS [(from KFLG)  
AZ Bullhead City 102.7 KFLG-FM/  
AZ Tucson \*89.1 KUAZ  
CA Fort Bragg 96.7 KLLK-FM (KZPB); AM is in Willits CA [rs, "Power 102"  
CA Fresno 101.9 KQPW (KOQO-FM)/  
CA Morro Bay 99.7 KWVD  
DC Washington 100.3 WJZE (WDJY), j, "Jazzy 100," facilities to 36000 h.v; 175 m  
FL Key West 107.9 WWFT  
GA Hinesville 92.1 WSKX (WXLQ)  
GA Pearson 101.9 WWFP  
GA Toccoa Falls \*90.9 WRAF-FM (WRAF); AM is a commercial station in Alpharetta GA  
LA Monroe 104.1 KJLO "FM" (KJLO; AM gets new calls)  
ME Biddeford 94.3 WSTG (WYJY), "Star 94.3"  
MI Adrian \*107.9 WVAC-FM (WVAC); AM is a commercial station in Norwalk OH  
MS Kosciusko 103.3 WWFS [105"  
MS Moss Point 104.9 WZBA (WUNI), k, "Bay/  
MO Potosi 97.7 KWVB  
MO St. Louis 102.5 KEZK-FM (KEZK; AM is in Wood River IL, mr. Its former b format goes to its AM. The AM's previous all-business format worked out "pretty well for us from a revenue standpoint, but it was no secret that the ratings weren't there."  
NV Las Vegas 103.5 KMMK (KLTN), now r  
NY Homer 101.5 WXHC, to 1300 h.v; 149 m  
NY Jamestown \*89.7 WNJA  
NC Charlotte 95.1 WGKL-FM (WZZG), "Cool 95.1," still oldies  
NC Old Fort 104.3 WDLF  
NC Rocky Mount \*90.9 WESQ (WUIE)  
ND Minot 106.9 KHRT-FM  
OH Hamilton 96.5 WZRQ (WBVE), p, "Z-Rock"  
OH Norwalk 95.3 WLKR "FM" (WLKR-FM; AM gets new calls)  
OR Bend 98.3 KTWS (KIDD-FM), op, "K-Twins," simulcast with Warm Springs  
OR Eugene \*88.1 KWVA  
OR Lake Oswego 106.7 KMXI-FM (KMXI; AM is in Vancouver WA)  
OR Warm Springs 96.5 KTWI, op, "K-Twins"  
SC Columbia 93.5 WAAS (WCEZ), rm, "Star 93.5" (from "EZ-93")  
SC St. Matthews 93.9 WQKI-FM  
SD Brookings 93.7 KBRK-FM (KGKG)  
SD Martin \*102.5 KZSD-FM  
SD Redfield 103.7 KQKD-FM (KVCU)  
TN Manchester 99.7 WWTN (WTSN-FM)  
TX Bloomington 106.9 KVMK  
TX Dallas 97.9 KLRX (KKWM-FM), m, "Lite 97.9 FM" (strict). "Its new format is not too bad. It is listenable (for a chauvinistic old b-formatter) most of the time and they even carry an occasional former b instrumental. On Sundays, from 9 a.m. to noon, KMEZ 107.5 programs an 'Easy Sunday Morning' with soft vocals and many instrumentals. It's as close to b-format as we can get around here now. If stations would listen to their listeners instead of basing their programming on the 'demographics', there would be a lot more variety on the radio dial and probably something for everyone. Oh well, thank goodness for KOOI" 106.5 Jacksonville TX.  
TX Fredericksburg 101.1 KFAN (KONO-FM); stays KFAN, but using nonID of "KONO"  
VA Vinton 106.1 WWFO

**STAR 94.3**  
BRIGHT ROCK

Facilities Changes Granted

AL Geneva WRJM 93.7 (from 93.5) 100000 h,v; 260 m, C1  
 AL Jackson WHOD-FM 94.5 (from 104.9) 19500 h,v; 113 m, C3  
 AL Sheffield WBTG-FM 106.3 4500 h,v (116 m)  
 AL Tuscaloosa WFFX 95.7 299 m (100000 h,v)  
 AZ Tucson KXCI \*91.3 (from 91.7) 340 h,v; 1106 m  
 CA Colusa KKCY 103.1 1300 h,v (599 m)  
 CA Sonora KZSQ 92.7 2100 h,v (171 m)  
 CT Salisbury WKZE-FM 98.1 d-a (directional antenna) to protect WDAQ 98.3 Danbury; expected on in March or April, and will serve a hilly area without much FM reception. Studios will be on The Green in Sharon CT with transmitter in Millerton NY. WCTY 97.7 Norwich CT hopes for an increase to 3500 h,v, but is short spaced to WCAV Brockton MA and WCZX Hyde Park NY.  
 FL Micanopy WLCL 97.7 3200 h,v (151 m)  
 FL Plantation Key WFKZ 103.1 4300 h,v (88 m)  
 FL Tallahassee WUMX 103.1 3300 h,v (91 m)  
 FL Vero Beach WGYL 93.7 (from 93.5) 50000 h,v; 146 m, C2 (4400 h,v (100 m))  
 GA Richmond Hill WRHQ 105.3 (from 105.1)/ IL Golconda-Paducah KY WDXR-FM 94.3 (from 105.1), with satellite-fed classic rock  
 IL Sterling WSSQ 94.3 6000 h,v (91 m)  
 IA Algona KLGA-FM 92.7 30000 h,v (137 m), C2, to embrace Stereo?  
 IA Grundy Center KGCI 97.7 6000 h,v (100 m)  
 KS Fort Scott KOMB 103.9 2000 h,v; 122 m  
 KS Salina K269CT 101.7 has KBBE 96.7 McPherson on it, not KOEJ 92.3 Newton  
 KY Beattyville WLJC now on 102.1 (from 102.3) 1800 h,v; 183 m (91 m)  
 KY Bowling Green WDNS 98.3 6000 h,v/ [m LA Haynesville KWHN-FM 105.5 2900h,v; 144/ ME Auburn WKZS 99.9 50000 h,v; 150 m  
 ME Portland WBLM 102.9 100000 h,v; 478 m. "As you can see from the enclosed FCC computer read-out our effective radiated

**WBLM 102.9**

**100,000 WATTS BANGOR TO BOSTON**

power is really 100,000 watts. The same thing occurred in the Duncan's Market Radio Guide... We are asking you to also change the next edition of the FM Atlas to show WBLM's true power."

MI Harrison WKKM 92.1 adds vertical  
 MI Ontonagon WUPY 101.1 30000 h,v; 189 m  
 MN Olivia KOLV 101.7 3400 h,v (85 m)  
**Olivia Broadcasting Co.**  
 P.O. Box 6  
 Olivia, Minnesota 56277  
 Phone: 612-523-1017  
 MS Kosciusko WBKJ 105.1 299 m (100-000 h,v)  
 MO Jefferson City KJMO 100.1 3300 h,v (183 m)  
**KOLV - 101.7**  
 "At Your Service"  
 MO Joplin KKUZ 102.5 directional antenna  
 NY Fort Plain WLKO 101.1 1300 h,v; 219 m  
 NY Johnstown WSRD 104.9 6000 h (91 m), o[Idies] [from 93.3  
 NY Rochester WIRQ \*94.3, having moved/  
 OH Barnesville WBNV 93.5 2500 h,v; 149 m  
 OK Enid KOFM 103.1 25000 h,v (91 m), C3  
 OK Oklahoma City KOCC \*88.9 4300 h,v; 153 m, C3  
 OR Portland KWJF-FM 99.5 286 m (100000 h,v)  
 PA Mechanicsburg WTPA 93.5 1800 h,v (190 m)  
 TN Donelson WAMB-FM1 106.7 nonDA, "The antenna is CP. Transmitter output is slightly over 200 watts, but with feedline loss brings the ERP down." Now IDs correctly, "WAMB, WAMB-FM1 Donelson." [m, C2  
 TN Dyersburg WASL 100.1 26000 h,v; 206/  
 TN Huntingdon WBVD 93.7 93 m (3000 h,v)  
 TN Signal Mountain WAWL \*91.5 4000 h,v; 89 m  
 TN Springfield WDBL-FM 94.3 99 m (3000 h,v)  
 TX Arlington KHYI 94.9 518 m (100000 h,v)

TX Borger KDXR 104.3 192 m (100000 h,v)  
 TX College Station KTSR 107.3 (from 92.1) 25000 h,v; 100 m, C3  
 TX Crockett-Palestine-Huntsville KBHT 93.5 50000 h,v; 146 m [d-a, C2  
 TX Jacksonville KBJS \*90.3 20000 h,v; 392/  
 TX Livingston KETX-FM 92.3 32000 h,v; 185 m  
 TX McKinney KSSA-FM now on 106.9 (from 95.3), resumes \$(tereo) , 3900 h,v; 66 m  
 WI Wausau WCLQ \*89.5 6000 h,v (100 m)  
 BC Vancouver (new) 95.3 (from 94.5)—combiner on Mount Seymour would have caused interference to CJJR 93.7; hopes for a May 31 debut with all digital studios  
 NB Campbellton CBAE \*90.5 25000 h,v (223 m, d-a), transmitter at Pointe-a-la-Garde PQ  
 ON Fort Erie CJFT 101.1 to be 8700 h,v. "Denied was a competitive application by Wellport Broadcasting, CHOW Welland, for an FM station at Port Colborne."  
 PQ Havre-Saint-Pierre (no call letters) 50 h,v; 22 m, replacing CITE- as a satellator; to be a community FM station  
 BN Tijuana XHKY 95.5 (suddenly changing from 95.7), "KLOS-ABC [95.5 Los Angeles] very —ed")

**Stereo—Or to Be Stereo**

CA Gonzales KPUP-FM 104.3, o, via satellite  
 CA San Francisco KQED-FM \*88.5, despite talk format, still has vestiges of stereo, including Garrison Keillor's *American Radio Company*, KQED's *West Coast Weekend* and *Fresh Air*. Call its format tf, to recognize at least one of its programs broadcast in true stereo.  
 DE Milford WXPZ 101.3, g  
 FL Key West WQZN 98.7, pr, but "must still be haggling on what format to have [varying] from heavy metal to Neil Diamond and the Beach Boys. A pitiful signal for 100 kw. According to the new FMA (for which I thank you), they have a 38 m tower, so that won't help 'em."  
 IL Chicago WXAV \*88.3, to be rm, but with a wide variety of music; expected on this month with a signal S to SW to protect other stations—aimed from the campus of St. Xavier College, 3700 W. 103rd St.; (312) 779-3300.  
 LA Berwick KVPO 105.9, oldies  
 MD Salisbury WSBY-FM 98.9  
 MO Richmond KAYX 92.5, k, "KX Country," simulcasting with KLEX 1570. Lexington MO  
 NJ Cape May WSJL 102.3  
 OR Toledo KZUS 100.7 (from 107.1) 1300 h,v; 131 m; the new Gleneden Beach OR station on 100.7 to change frequency.  
 PA Elizabethtown WVEC \*88.3, r  
 TX Gainesville KDGE 94.5 partial stereo. "Certain selected new releases are broadcast in mono (with stereo pilot on). A phone inquiry to the station during one such broadcast was fairly cordial, but when the air personality switched the control board back and forth from stereo to mono he heard a difference (as I did)... He assumed that the cart contained the recording the same as from the CD from which it was recorded. 'That's just the way it was recorded originally', he said. I cited other tunes as examples of tunes they had carted-up in mono, but was still unable to convince that true stereo was nonexistent on those carts. On some carts the record/playback head alignments match perfectly, resulting in pure dead-flat mono. Since that has gone on for four months now without being corrected, plus air talent's on air strongly suggesting that listeners go out and purchase the music they hear on the station, it leads me to wonder if these mono cart-ups are not merely a production-room oversight. Could this be a conspiracy to reduce off-air taping by listeners and increase CD/tape sales? I have purchased a couple of CDs that I have heard in mono on 94.5, and my copies of these tunes have true stereo separation with meaningful and lively soundstage presentation. I have not yet suggested this possibility to anyone at the station for fear of being interpreted as accusatory or derogatory; I

wish to remain cordially inquisitive. A separate call to another air personality at the station did not result in any acknowledgment of monocasting. I estimate 25 percent of their music is broadcast in mono. Generally, inquiries to other stations in reference to such oversights are handled cordially and in some instances corrected immediately at the control board while still in phone contact. They have complimented me for noticing and thanked me for caring enough to call. Some stations, such as KZPS 92.5, are generally concerned and diligent with their audio quality, while others seem to have the attitude that their listeners are teenage airheads with nothing better to do than call up disc jockeys.. These days, even a \$20 walkman can instantly reveal such deficiencies as channel imbalances, monocasting and overmodulation distortion. Broadcasters shouldn't assume because nobody has called to complain, nothing is wrong." Tuning in on an airplane, KDGE was received clearly 160 km out, and on the return trip it became spotty only upon touching down on the runway at the airport near Irving TX. Even the Cedar Hill transmitting stations, 35 km away, provided only spotty reception while the plane was taxiing.  
 TX Killeen KIFX 92.3 s, "Z-92.3," relaying KIIZ (AM) Killeen; calls may change  
 TX Port Arthur KHYS 98.5, but still with very poor separation, "almost mono,"  
 VT Lyndon WGMT 98.3, r  
 ON Toronto CIRV \*88.7, now with 250 h,v Monophonic  
 TX Brenham KULF 94.1 monocasting of music with stereo pilot on—this has been going on since at least June of '90  
 TX Huntsville KSHU \*90.5 monocasting of music with stereo pilot on

**Format Changes**

*Formats are the same as in the "FM Atlas"*

AL Jasper WZBQ-FM 102.5 rp  
 AL Linden WNPT-FM 102.9 s; SMN R&B oldies  
 AZ Green Valley KGMS 97.1 gr  
 CA Dinuba KJOI 98.9 mr, "Lite FM 98.9"  
 CA Porterville K100 99.7 r, dropping jazz/new age  
 CA Weed KWHO 100.9 k  
 CT Stonington WVVE 102.3 o, SMN Pure  
 DE Bethany Beach WWRW 95.9 rp  
 DE Georgetown WZBH 93.5 rp  
 MI Muskegon Heights WQFN 101.7 t, dumping rock and simulcasting with WQWQ 1520; may change its calls. Its "b" format "is very traditional, too!"  
 FL Jupiter WTRU-FM 99.5 now Spanish, "Radio Triunfo"  
 FL Marco WGUW 92.7 rm, "Lite 92.7"  
 GA Brunswick WIOI-FM 100.7 o[Idies]  
 GA Milledgeville WLRR 100.7 r, "Light Rock" (also has oldies)  
 GA Washington WLOV 100.1 o, SMN Pure  
 IL Carlinville WCNL 95.9 k[ountry]  
 IL Carriers Mills WBNV 104.5 rg, contemporary Christian; ID with Marion  
 IL Ramsey WJLY 93.3 g, Moody  
 IA Bettendorf KQCS 93.5 gr  
 IA Fort Dodge KUEL\*92.1 o  
 KS Burlington KSNP 95.3 kr, \$  
 KS Kingman KTCM 100.3 g, "adult Christian... All of us here at KAPH have found other jobs. They will be bringing in their own staff."  
 KS Winfield KWKS 94.3 o, SMN Pure  
 KY Burnside WJDD 93.9 r  
 KY Louisville WLRS 102.3 r, "Mix 102"  
 LA Baton Rouge WGGZ 98.1 o [simulcast  
 MD Baltimore WYST-FM 92.3 o, AM-FM/

- MN New Prague KCHK-FM 95.5 kr, some rock oldies; polkas most of the day Sundays, "KCheck," or maybe it's "K-Czech." They "are being heard throughout the Twin Cities, including 1.6 km from KNOF 95.3 St. Paul (on a NAD 4300 tuner). KNOF gave them permission to interfere with their signal in some areas. KCHK-FM was delayed getting on air as some nearby residents fought it, saying they feared harmful radiation."
- MS Indianola WDLJ 96.9 rg
- MS Mississippi Public Radio stations go cj—jazz aftermidnight; each station now IDs separately, with a three-seconds' ID using taped voices of the announcers on duty. "Very sharp!"
- MS Monticello WRQO 102.1 k
- MO Willow Springs KGAR 100.3 k, parallel to KWPM 1450 West Plains [cast with AM
- NH Concord WXKL-FM 102.3 rm, simul-/
- NH Hillsboro WRCl 107.7 rm, simulcasting WJYY 105.5 Concord; WKXL AM there to simulcast FM, laying off three people. "We're generating much more revenue on the AM station than on the FM. We haven't been able to translate good listener response on the FM into sales success." WRCl will lay off six parttime announcers and its office manager.
- NM Armijo KMYI 107.1 m
- NY Albany WROW-FM 95.5 still b, and topping the fall Arbitrons at 10.9, up from 7.9. Second is WFLY 92.3 at 10.2, then WGNA 107.7 at 9.6, down from 10.0, and WPYX 106.5 9.4, down from 10.2.
- NY Buffalo WUFX 103.3 r, still "The Fox"
- NY Glens Falls WYLR 95.9 rp
- NY Little Falls WOWB 105.5 rm
- NY Newburgh WGNY-FM 103.1 rm
- ND Jamestown KSJM 93.3 rm
- ND Langdon KVLR 95.7 rmn, "KV-96"
- OH Cadiz WWYS 106.3 rm
- OH Cleveland WQAL 104.1 r, "Q-104"
- OH Crestline WAPQ 98.7 r
- OH Toledo WXUT \*88.3 p
- OK Durant KLAK 97.5 k, "K-Lake" (not strict)
- OK Sand Springs KTOW-FM 102.3 s, "Mix 102.3" [mercial KWBX)
- OR Bend KQAK 105.7 o (was noncom-/
- OR Creswell KAVE 95.3 rp
- OR Prineville KIJK 95.1 mr, "Magic FM"
- SC Darlington WDAR-FM 105.5 r
- SC Pamlico WMXT 102.1 rm, "Mix 102"
- TN Henderson WHHM-FM 107.7 k
- TN Oak Ridge WKNF-FM 94.3 rm
- TX Beaumont KQXY 94.1 rm, "94-Q" (from "Y-94")
- KZBZ 95.1 rs, still "B-95"
- TX Belton KYZZ 106.3 o, SMN Pure, no nonID
- TX Conroe KJSZ 106.9 j, uses call letters. KGLF 103.3 Freeport retains the religious format and is greater Houston's "Joy of Jesus" (from "The Christian Leader")
- TX Denison KTCY 104.9 k
- TX Eastland KEAS-FM 96.7, normally country, heard with c, Metropolitan Opera, one Saturday afternoon. "This seems so outrageous that I am going to write the station to see if this is normal policy or if it was just a special broadcast for some reason. Eastland is the last place I would expect to hear opera being broadcast, especially on a country-western station."
- TX Galveston KRTX 104.9 rm, "The Breeze"
- TX Georgetown KHFI 96.7mr, "K-96.7"
- TX Houston KHMx 96.5 rm, "K-Mix" (not strict; also "Mix-96.5—an identity crisis!")
- KODA 99.1 no longer carries the Houston Oilers. "Last season, the games were heard on AOR/news KLOL 101.1 and KTRH 740." KODA again known as "Coda 99" (stict).
- TX Marshall KEEP 92.3 rm, \$
- TX San Antonio KSTX \*89.1 t, NPR news and talk, presumably with some music to justify a \$[tereo] listing
- TX Springtown KMQX \*89.1 k, mono
- TX Texarkana KKYR-FM 102.5 k, no nonID, "simulcasts AM, but only mention of AM is on hour during legal ID."
- TX Weatherford KYQX \*89.5 r, mono, and normally separate in its programming from KMQX Springtown
- TX Winfield KALK 97.7 rm
- VA Windsor WXRl 107.7 rg
- WI Wisconsin Public Radio stations (network which was tc in its format) drop classical, now cj, with only occasional stereo on weekends (some folk). Properly removes \$ carrier when mono, except for WHBM \*90.3 Park Falls, which keeps its \$ on all the time.
- PR San German WRPC 95.1 rt, adding Business Radio Network, presumably some English
- VI Frederiksted WVIS 106.1 sr, \$, had been off
- NB Neguac CBAF-22 \*97.9 is English, tm, despite use of French call letters, claiming 100000 watts, which may be hype for their 50000 horizontal and vertical; transmitter is in Allardville NB.
- NS Halifax CKDU 97.5 rc, adding two new classical music programmes produced by Dalhousie University students
- BN Tijuana XHTIM 103.3 m, \$; "American music with Spanish spots and IDs mostly English." Is causing second-adjacent channel interference to KJQY 103.7 and KSDO-FM 102.9 San Diego. "FCC sez they shouldn't be there because they're in violation of 1972 U.S.-Mexican Agreement. . . We're fighting. [Also] expect major changes at KYYY (94.9 San Diego)—new general manager, probably new format."

### On Air (Selected)

- CA Pasadena KPCC \*89.3, now 600 h.v; 891 m, giving KCRW \*89.9 Santa Monica public radio competition
- IL Chicago WSSD \*88.1, newspapers listed it as doing a marathon; where its signal is received and when it is on remains a mystery
- ME Lewiston WXGL 93.9, with WTME AM sold to Richard Gleason, is the object of a suit by Peoples Heritage Savings Bank of Lewiston for \$1.3 million. Owners John Pineau and David Dulac signed a note in 1988 for \$1 million to buy WXGL. The suit asks a receiver be appointed by the court to continue the station's operation and that the FCC license be transferred to the bank.
- ME Mexico WTBM 100.7, now owned by Richard Gleason, fires seven, and simulcasts
- WOXO 92.7 Norway ME fulltime, "except for AM drive." Gleason paid \$300,000 for WTBM from T. Barton Carter, who is on the faculty of Boston College.
- MO Kirksville K220CN \*91.9, planning to go to 250 watts at a higher elevation. Hanging on the same tower will be another translator to relay Moody programming from WMBI-FM \*90.1 Chicago via satellite.
- NE Blair KBWH 106.3, \$
- NH Berlin WZPK 103.7 closed its Portland ME office, seeking ads only from NH. Rumors that it has sought Chapter 11 bankruptcy protection are unfounded, the station alleges.
- OK Stillwater KOSU \*91.7 should be on now with 100000 h.v; 308 m from a tower 10 km west of town. Expecting its audience to increase five times, and claiming some audience in Oklahoma City and Tulsa, despite KCMA's 92.1 signal in latter city. Its mate on the new tower, KSPI-FM 93.7, is already there with 16000 h.v; 270 m.
- TX Eastland K220BB \*91.9 owned by the First Baptist Church of Eastland. "Uses 30-second spot at ID time to invite listeners to attend Sunday services at the church."
- TX Kilgore KTPB \*88.7, public radio, exact format, stereo status unknown
- TX Tyler K203AO \*88.5, "dual KVTT-K203AO ID at noon daily."
- WI Milwaukee WMWK \*88.1, triplexed into the WUWM/WYMS antenna on the channel 6 tower. "A small studio has been constructed at the WITI TV transmitter building for local origination of programming." "I volunteer there weekends. WVCY 107.7 is not very pleased with us, but we add a new dimension to religious programming. We use our stereo more than WVCY does."
- BAHAMAS "1-0-4-5," on air, CNN news and local ads; power, stereo status, exact location unknown, except saying "Paradise Island"

### Off Air or Not Yet On

- CA Imperial KOZN 99.3 still off, but FCC has approved license change to New World Communications
- CA San Jose K265CY 100.9, but "we're working on it." KPIG had another translator, but "when we saw the station already covered the area," they took it off. Add this 100.9 translator to the p. 76 map, FM Atlas-13.
- HI Hilo KHII 92.7
- HI Kawaihae KWHI 106.9
- HI Kekaha KAU1 103.3
- HI Waimea KKGK 99.1 (is 95.3 m [not "95.3" m] as shown in FM Atlas-13, p. 167); but will be on the island of Hawaii, instead of where the FM Atlas shows it, according to FCC coordinates. "There are three towns in Hawaii named Waimea." This town is also known as Kamuela, and also shown as Waimea-Kohala, where I will list it.
- ME Kennebunkport WXPT 104.7
- ME Kittery WKCD 105.3
- OR Grants Pass KFMJ 96.9, off air since May
- PA Sharpshville WOJY-FM 95.9 (along with AM in Farrell PA) "silent pending sale"
- TX Bay City KXGJ 96.1, Bryan KBMA 99.5, Caldwell KHEN 95.1, Cameron KJKS 101.3
- TX Cameron KCRM 103.9 (still on 103.1)
- TX Elgin-Austin KKL8 92.5
- TX Georgetown KJWL 107.7
- TX Giddings KOKE 101.5 (still on 101.7A)
- TX Huntsville KCEY 94.9 and KTDD 103.5
- TX Liberty KSHN 99.9
- TX Temple KPLE 104.3 (still on 104.9A)

**Deletions**

- AL Tuscaloosa W256AH \*100.9 (because of new Northport grant)
- HI Humuula K276DG 103.1, was licensed; primary KOAS has plans to become a C
- KS Hutchinson KFRK \*91.5 (because of new grant on 91.7)
- KS Topeka K221BC 92.1, silent since primary moved to 92.9 and raised power
- K269DC 101.7, "never existed. I've lived in this area since 1973 and have never heard it, nor have I heard of anyone else mention it." Had been a CP (construction permit). [built OR Eugene K208BY 103.9, translator never/ OR Newport K205BF \*88.9, replaced by new full-power KLCO \*90.5
- TX San Marcos K244BR 96.7, primary increased power and KHFI Georgetown now a C1 on 96.7
- TX Temple K232BL 94.3, K257DA 99.3—both were licensed, but no longer on

**FMistakes—13th ed. FM Atlas and January FMedia!**

- GA Gordon WYGO-FM 107.1 missing \$ymbol, misaligned kilometerage, p 106 (calls now WMRW) [to 6000 h,v (Jan. p. 2, col. 1)
- IL (not IN) Mendota WGLC-FM 100.1 going/ IA Northwood "KY-102" is KYTC, not "KPLW," p. 3, col. 1 [4, col. 1
- KY Corbin WCTT-FM (not "WCTT") 107.3, p./ LA Lake Arthur KAHJ 107.3 remove extra "1" from p. 4, col. 1 [2, col. 2
- ME York Center WCQL-FM 95.3 is 100 m, p./ NH Laconia WLNH (not "WLNH-FM") 98.3, p. 2, col. 2 [11130"], p. 5, col. 2
- NY New York WNEW is on 1130 kHz (not/ OH Columbus 107.5 (not 107.7), error reference p. 4, col. 1 is to p. 119 (not "p. 19")
- SD Canton KIXS is 102.5, p. 1, col. 1
- TN Alamo 93.1 WNBE (not "WKBE"), rm, p. 3, col. 2
- TX Abilene K296DE 107.1 (not "K292DE 106.3") with KISJ 104.1 Brownwood, p. 2, col. 2
- TX Atlanta KPYN 99.3 not going to 99.7 (p. 63 map); KMJJ 100.1 Shreveport LA will be going to 99.7 instead
- TX Canyon-Amarillo KPUR-FM 107.1, not "Cmarillo," p. 187
- TX Conroe K221CL is on 92.1, Jan., p. 4, col. 1
- TX Corpus Christi KZFM 95.5 is 100000 h,v (not 10000); (195 m, d-a), p. 159
- TX Mission 105.5 new calls are KDOV (from KIKM), p. 2, col. 1
- TX Rockport KPCB is staying on 102.3, not moving to 102.9 (p. 65 map); nearby KBIC 102.3 Alice will be going to 102.9
- BC Hazelton (not "Hazleton") CJFW-p. 4, col. 1 "Our local bookstores are s-l-o-w—it took four months from the time I ordered the FM Atlas to the time of delivery, but it was well worth it." "Keep up the good work."
- "I won't be renewing my subscription to FMedia! I like the publication, but I'm trying to get my own business started, and the constraints of time and finances dictate that some of my 'luxuries' have to go by the boards for the time being."

**SCServices, 67 and 92 kHz and TV-SAP**

Symbols are as in the "FM Atlas"

CA Mountain View—Interactive Network (IN) plans to offer electronic games by FM/SCA and TV VBI in Sacramento in late Feb. and elsewhere in CA starting this summer. "A national rollout is scheduled for 1992." Tests were enthusiastically received by video games' young fans.

CA O'Neills K66CQ, "which masquerades as 'KHST TV-66', serves the Fresno area with Home Shopping Club 24 hours a day, activates the stereo and SAP. . . The SAP at the time had big

band album tunes from modern high fidelity recordings (though mono, of course) with no particular distortion, but there was a small amount of background noise."

CA Sacramento KVIE TV \*6 has an audio reading service most of its broadcast day, receivable on many FM radios (87.75 mZ) adapted to get FM-SCS.

KXTV, 10, SAP between 1 and 2 p.m. each day with KXTV program promos to area radio stations for carting and later playing back.

CA San Diego K1FM 98.1 tX, 67, Financial News Net data

KFMB 100.7 t(D), 57 (Cue Paging); retains tX, 67, Bonneville data

KSDO-FM 102.9 retains tU, 67; adds tS, 92, "Pre-delay cueing for KSDO-AM"

CA Stockton KFTL 64 on its SAP for its entire 17-hour broadcast day with direct pickup and transmission of its Family Stations Radio Network, "but of course in mono, and with quite a bit of distortion."

CT East Haven—CT Italian Radio, still on WZMX's (93.7 Hartford) 92 kHz: "Your new (Elf-III) adapters are perfect. Send us more."

CA Vallejo KPST ch. 66 with Home Shopping Club, activates both SAP and stereo lights; however, no separate SA Programming heard, and no actual separation ever observed on HSC programming.

FL Miami WDNA \*88.9 on SCS (had tX, X)

WMCU \*89.7 tD, 57, no 92 kHz tU

FL Miami Beach WZTA 94.9 tD, 57

FL Palm Beach WRMF tC, 67 (WJNO 1230 AM, "A graveyard AM—now I can hear them at night")

FL West Palm Beach WEAT-FM 104.3 tD, 57; no tE, 92 any more

GA Marietta WKHX-FM 101.5 no SCS (had tM), "probably moved to S-band or satellite. In the early '70s, there were three different background music services on SCA in Atlanta. Now there are none."

MA Marshfield WATD 95.9. "I am on the board of the Association of Radio Reading Services, and as the first commercial station to have a reading for the blind subscriber I have been asked to write a manual, and possibly create a clearinghouse for radios' distribution. I will be contacting Eric Small at Modulation Sciences and you for your input. . . I read your newsletter every two weeks, or is it every month? in a good place—the bathroom!"

MN Mankato KMSU \*89.7 tR, 67, Muzak II

NY Syracuse WSNR ch. 43 to have SAP, Italian. "I am turning to you and your expertise to help us get the radios out to the people. We are receiving a very strong satellite signal of the Italian program."

TN Chattanooga WMBW \*88.9 tU, 67

"Small satellites seem to be performing many SCA-type functions. Is that where all the background music has gone? In addition to K-Mart, both Kroger (foods) and Eckerd (drugs) now have their own in-store networks."

"I note that you are now offering the Elf-IA SCA adapter. Is there a significant improvement over the Elf-I unit? If so, I might consider replacing my present adaptor which, by the way, has performed very well over the past several years."

**NonIDS, Not Just Slogans**

*Mentioned usually without call letters; "strict" if a station only uses call letters once per hour as required by the FCC (at or near the top of the hour)*

- AR Osceola KPYP 98.1 Oldies 98 (not "The Pyramid")
- CA Oceanside KGMG-FM 102.1 Rock and Roll 102.1 (rubs out "Magic 102")
- FL Fort Pierce WKGR 98.7 The Gator (from "Kiss FM")
- GA Columbus WCGQ 107.3 107-Q
- HI Kailua-Kona KLUA 93.9 (having moved from 93.7 and before that 93.5) 93.9 Kailua FM (strict) [(from "Z-99")
- ME Brunswick WCLZ-FM 98.9 The Breeze/

- ME Lewiston WHTT 107.5 Thunder 107 (from "Thunder Radio"); ID with Portland rather than with Auburn
- ME Lincoln WHMX 105.7 Hot Mix 106, having

**Hot Mix 106  
105.7 FM**

- moved from 99.3 (now 50000 h,v; 126 m)
- ME Presque Isle WDHP 96.9 Power 97 (from "Power 96") [(from "92-CDQ")
- ME Sanford WCDQ 92.1 Mount Rialto Radio/ MI East Lansing WFMK 99.1 Light Rock 99
- MI Portage WRKR 107.7 The Classic Rocker: "Seems everyone listens to this station."
- MN Hutchinson KKJR 107.1 Just Right Radio
- MO Boonville KCLR-FM 99.3 Clear 99 Country, ID with Columbia-Jefferson City, now with 33200 h,v; 180 m, but claiming "50,000 watts" [ID with Portsmouth-Manchester
- NH Dover WOKQ 97.5 Country Favorites 97-5, / NH Mount Washington WHOM 94.9 Soft and Easy 94.9
- TX Austin KVET-FM 98.1 K-98 (from "K-Vet Country")—sometimes uses "Country 98"
- TX Fort Worth KEGF 97.1 IDs by call letters, giving "The Eagle" a rest as being only slogan
- TX Kerrville KRVL 94.3 no "Lite 94"; always uses calls
- TX Killeen KNCT-FM \*91.3 Simply Beautiful 91.3 (not strict). "A traditional b-format station with strong community support and high dollar corporate underwriting."
- TX Luling-Austin KATG 94.7 The Country Cat (not "The Cat")
- TX Midland-Odessa KCRS-FM 103.3 K-103
- TX Mineral Wells KYXS 95.9 uses calls, not "KY-95"
- TX Mount Pleasant KPXI 100.7 has dropped "X-100," using calls exclusively; still IDing with various east TX cities
- TX New Braunfels KNBT 92.1 Texas 92 FM
- WV Parkersburg WHCM 99.1 Power Country 99

**Multi-City IDs In Use**

- IL Mahomet WHZT 105.9 with Urbana-Champaign
- LA Oakdale KICR-FM 98.7 with Alexandria. Interestingly, KGZC 104.9 Folsom LA is east of the Mississippi, and may be the only such LA station starting with a "K!"
- OK Hugo KITX 95.5 with Paris TX
- TX Carthage KTUX 98.9 alternates between Shreveport-Bossier City LA and with Longview-Marshall
- TX Madisonville KAGG 96.1 with Bryan-College Station (not with College Station-Bryan)
- TX Waco W. ACO-FM 99.9 drops Temple-Killeen from its ID; still "FM-100"

**AM Happenings Most Likely Caused by FM**

CA Santa Barbara KIST 1340 has had its old tower atop the Ben Franklin Building torn down; had been in several movies, one of which I remember seeing as a kid. Station "literally owned the market, and in the 1970s and early 1980s it had 15 mobile units on the street." Rebuilding tower on land close to where it was.

CO Monument (Colorado Springs) KCBR 1040 silent again (was on briefly with talk)

ID St. Anthony KIGO 1400 silent; had been k

IL Chicago WPNT 820 off the air "indefinitely." It was costing \$400,000 a year to keep on the air, considering taxes on the land, electricity and engineering.

IL Springfield WMAY 970 goes from country to oldies. WFMB 104.5 trounced them in the ratings. Hoping its better signal will enable it to win the oldies war with WCVS 1450, which also has that format.

LA New Orleans WSMB 1350, bought for \$300,000 at auction by Wilson Communications Corp., not doing well. "I listened for 1½ hours during morning drive time and heard one commercial. They are now signing off at 10 p.m."

ME Lewiston-Auburn WKZN 1470 and WLAM 870 Gorham (Portland) combine to simulcast WMTW's (ch. 8) 6 p.m. news. Usually the WLAM calls are given, except for the legal ID. "Believe me, if I could get away with not having to mention the call letters WKZN at all, I would." Both stations now simulcast "Music of Your Life."

MI Zeeland WBMX 640 silent

MN Staples KNXP 1430 went silent last fall; owns CP for KNXP-FM 94.7. "I expect both will be sold."

NH Hanover WTSL 1400 bankruptcy declared; has been on the market since last spring

NH Manchester WKBR 1250 signs off for good, ending a 45-year career of this once venerable full-service station. A picture in the "Union Leader" of Manchester shows Ernie Jenkins, former morning show announcer, dismantling the master control board. The abrupt halt in operations "left some disc jockeys no chance to say goodbye."

NJ Bridgewater WBRW 1170 silent

OH Cincinnati WCIN 1480 had been classical; now black oldies

TN Milan WWHY 1360 silent

TX Dallas 570 now KLIF, having moved from 1190, and displacing KKWM AM. On Dec. 5, 1190 was KLAJ carrying the audio portion of CNN headline news and "lots of promos that KLIF had moved to 570. The following Monday, KLAJ began to assume its own identity and continued until Dec. 30 when it became KY11, still with CNNNews. This change leaves just two AMs simulcasting their FM's 100 percent—KLIF and KSSA. KMEZ and KDBN simulcast for a few hours on Sunday mornings and for a 30-hour Christmas music program. Of course, KAND AM and FM Corsicana TX simulcast, but they are not considered a metroplex station."

TX TV-radio simulcasts: "They've been doing that in Texas for a while, but at least half of the stations are FM (unlike the WSB-TV Atlanta network). ABC WFAA-8 Dallas-Fort Worth, ABC/NBC KAVU-25 Victoria, CBS KHOU-11 Houston, ABC KXXV-25 Waco-Temple-Killeen, ABC KLTV-7 Tyler-Longview, and (I believe) CBS KENS-5 San Antonio simulcast their news on at least one radio station. WFAA also simulcasts its 10 p.m. news in Spanish on KESS 1270. WFAA has by far the largest number and is carried on stations all over north Texas (some of them quite a distance away). I just got the new FM Atlas. I really like it. It is much more up-to-date than the last one. I did notice a few mistakes or items that were missing."

TX Galveston KTUS 1400 was silent; to be religion, simulcast with KHCB 105.7 Houston TX Houston Z-Rocker KKZR 1070 now KRBE, simulcasting 104.1 FM. "Unlike the state's other Z-Rock (KSJL 760 San Antonio, which has had some success), KKZR only averaged about a .5." VA Waynesboro WZKT 1490 silent

BN Tijuana XETRA 690, one of the first stations to test the Kahn AM stereo system, goes all sports talk/jala WFAN 660 New York

### FM Rulemakings Proposed

*First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed before the dates.*

AR Bald Knob 107.1C3 for A, KKSX, Mar. 11, 26  
AR Clarendon 104.1A from 107.3A, KXRC, "show cause/why not?" [proposal  
CA Gualala 100.5B1 from 97.1B1, counter-/  
CA Paso Robles 94.3A counterproposal  
CA Yreka 103.9C1 from 97.7C2, KYRE, Mar. 4, 19 [ing closer to Savannah], Mar. 4, 19  
GA Midway 98.3C1 from Jesup, WGCO (mov-/  
ID Weiser 107.5C2 from 99.3A, KWEI-FM, Mar. 4, 19  
IL Columbia 104.9C3 for A, WCBW, Mar. 4, 19  
IL Gilman 103.3A, Feb. 25, Mar. 12  
IA Decorah 104.7A, Feb. 19, Mar. 6  
KS Augusta (new CP) 104.5C2 for A, Mar. 4, 19  
LA Sulphur 101.9A counterproposal  
MN Jackson 105.7C3 from 105.3A KRAQ counterproposal [Mar. 6  
MO Houston 99.3C2 for A, KUNQ, Feb. 19, /  
MO Thayer 92.3A from 99.3A, Feb. 19, Mar. 6  
VA Crozet 93.9A, Mar. 4, 19  
WI Hallie (Eau Claire) WWIB 103.7C from Ladysmith, Mar. 4, 19

### FM Rulemakings Finalized

*Dates are when FCC filing windows are open*

CA Garberville 103.7C1, Feb. 26-Mar. 28  
CA Yuba City KXCL 103.9B1 from A  
FL Rockledge WHKR 102.7C2 from A  
IL Morris 103.1A, Feb. 20-Mar. 22  
IL Pontiac WJEZ 93.7A from 103.1A  
KS Copeland 99.1C1 from C  
KY Hardinsburg 104.3A, Feb. 12-Mar. 14  
MI Glen Arbor WTHM 95.5C2 for 95.9A  
MI Oscoda WCLS 100.7C3 from 100.1A  
MI Pickford 105.5A, Feb. 26-Mar. 28  
MI Scottville WKZC 94.9C3 for 95.9A  
MS Pearl 93.9A, Mar. 1-Apr. 1  
MO Bourbon 96.7A, Mar. 1-Apr. 1  
MO Columbia KCMQ 96.5C3 from 96.7A  
VA Marion 103.5A, no dates announced  
VA Orange dismissed WJMA-FM's bid to move to Gordonsville  
VA Rural Retreat WCRR-FM 95.3A for 103.1A

### Petition for Reconsideration

To the FCC Dec. 4, 1990

Comes again Bruce F. Elving . . . who is asking for reconsideration of the recent decision to award an upgrade on channel 288 (from an A to a C3) to station KILJ-FM Mount Pleasant IA. My arguments of over a year ago remain valid, and I respectfully request that you take a new look at the matter. The purpose of my upgrade proposal was to provide KLVN Newton IA an upgrade to a C1 rather than a C2, as has been proposed.

Accordingly, I am asking that you return KILJ-FM's present channel to a Class A and consolidate their upgrade request with that of Newton. In so doing, you will have facilitated the upgrade of

KLVN such that it could encompass all of Des Moines with a 70 dBu signal.

As KILJ-FM counsel Lauren A. Colby pointed out, I am acting on behalf of a broker interested in seeing KLVN upgraded so that it can better cover Des Moines. This is an honest and straightforward reason for the upgrade—and you should admire the writer's being so candid, rather than, as so often happens, a station gets an upgrade and is then placed on the market. This would not be a "move-in" situation, since full 70 dBu coverage would remain over the city of Newton IA, where the station's city of license would remain. I am glad that you took the time to consider my earlier comments. Please reconsider this matter.

### Opposition to "Petition for Reconsideration"

Law Offices of Lauren J. Colby, Frederick MD to the FCC, Dec. 18, 1990

KILJ, Inc., by its attorney, hereby respectfully opposes the "Petition to Reconsideration" filed in this proceeding by Bruce F. Elving. In opposition thereto, it is alleged: 1) On Nov. 9, 1990, the assistant chief, policy and rules division, issued a report and order, upgrading the facilities of FM broadcast station KILJ Mount Pleasant IA from Class A operation on Channel 288 to Class C3 operation on Channel 288 (105.5). In a Petition for Reconsideration, Bruce F. Elving asks that the Commission "return KILJ-FM's present channel to Class A and consolidate their upgrade request with that of Newton." 2) Elving's reference to "Newton" refers to a proposal he filed to upgrade a station at Newton IA so that it can serve the city of Des Moines IA. Elving does not own the Newton station. Elving does not serve as an attorney or engineering consultant to the owners of the Newton station. [He] is simply a broker who wants to upgrade Station KLVN so that he can earn a brokerage commission by selling the station as a Des Moines facility. Elving frankly admits all these things and states that he should be "admired" for being so candid. 3) Candor may be an admirable trait. However, the facts remain that Bruce F. Elving has no justiciable interest in this proceeding. He does not even appear to have the consent of the owners of the Newton station. He is a mere officious intermeddler and his Petition for Reconsideration should be promptly dismissed."

### La Tour Petitions FCC to Reconsider FM Translator Proposal

Using tools such as the "FM Atlas" and FMedia!, John S. La Tour of Power du Pree Broadcasting Corp. asked the FCC on Jan. 6 to reconsider its actions

which severely restricted the role of FM translators. FM translators are needed, according to La Tour, because of the escalating costs of stations and the need for investors to play it "safe" and offer only wide-appeal programming. Lost in the shuffle is beautiful music, which is a service FM translators can bring into a market without adversely siphoning the audiences of other stations. WBYU 95.7 New Orleans changed from that format, and it made one of the year's big stories in the *Times-Picayune*. "An FM translator could very easily provide the people of New Orleans with a beautiful music format. Although the listenership which this format develops may not justify its existence on a high power facility, it certainly would flourish on an FM translator service."

San Angelo TX is next illustrated, and several letters from listeners to the former beautiful music format of KELI 98.7 are presented as Exhibit I. One of La Tour's translators is K296DE 107.1 Abilene TX. "Our primary station was KELI from San Angelo TX, and had been programming a beautiful music format. It was the only beautiful music format in all of west Texas. . . We have tried to locate another beautiful music station in west Texas in order to continue the service. We have found that there is no beautiful music in west Texas. Accordingly, right now we are providing another rock format for Abilene, where there are several other rock and country stations." The petition asks for the rules to be liberalized to provide for satellite pick-up by a commercial translator for programming not available locally. By now allowing satellite pick-up of programming, the FCC is condemning translators to low-quality signal relaying and having a greater potential to affect other local stations adversely, since the stations to be relayed would all have similar programming. "If the Commission declines to change the signal delivery rule, it must explain why signal fades on translators are a public service and why providing duplicate programming does not take listeners away from local stations."

By opening translators to more abundant program sources, people might be enticed to listen to radio, rather than tapes or CDs. This, La Tour reasons, will contribute to public safety, since people listening to radio would receive notice of approaching tornado, dangerous thunderstorms or other possible emergency. Translators would also provide small business opportunities, and enable small market radio broadcasters to reach a larger area, thus able to better compete with area Class Cs. Exhibit 2 is a schedule of AM stations discontinuing service for the 12 months ending Dec. 31, 1990, as reported in FMedia! under "AM Happenings Most Likely Caused by FM." To disprove the

theory that FM translators hurt existing stations, the list of 54 AM stations which went dark during that period is presented. "It is significant to note that these defunct radio stations were located in markets with absolutely no FM translator service. Accordingly, there must have been some other reason for their demise. Clearly, FM translators could not have caused their failure." Exhibit 3 is a letter from Michael L. Bayliss, general manager, WQCK 92.7 (with translator on 95.3 in Baton Rouge). "WQCK is a full service radio station located in Clinton LA, some 35 miles north of our market. We are the fourth owner of the radio station since its inception. Prior to our purchase, no one had been able to make the station sustain itself. Small market radio can no longer compete as originally intended. The big FMs from the city penetrate my market, thus affecting my listenership and potential ad revenues. However, I cannot penetrate their market and access higher ad revenues critical for my station. We experienced the same problems as the three previous owners for the first 14 months of operation. . . At the critical point of deciding whether or not to sell the station, we leased a translator in January, 1988.

"This single move was the catalyst to the tremendous growth we have experienced in the last two years. We were able to access not only the higher ad revenues but fill a demand for a music format that was not present. We are the only format of our kind on the FM band. The demand for our format is such that 78% of our listeners are in the greater Baton Rouge area. The translator is thereby critical for many peoples' listening preference, as well as for the revenue that has allowed us to meet their needs and those of the community as a whole. Without the translator we would be hurt and possibly put out of business, which would obviously impact thousands of listeners who cannot be served by anyone else. In addition, I know of no station in the market that has been hurt by the FM translator being there. Please do not deprive us of the opportunity of providing a unique service to many people. Also, 12 families' lives would be affected adversely with the possible demise of the station without the FM translator."

Exhibit 4 consists of letters from full-powered stations in markets having FM translators, stating no perceived adverse impact on the station. Stations responding: KSBJ \*89.3 Humble TX, KOBC \*90.7 Joplin MO, KSBC \*90.1 Hot Springs AR, KENA-FM 101.7 Mena AR, KNYD \*90.5 Broken Arrow OK, KCMQ 96.7 Columbia MO, KPNC 100.9 Ponca City OK, KCVO \*91.7 Camdenton MO and KXAR-FM 101.7 Hope AR. Many of those stations operate their own translators, as exemplified by James Mc-

Dermott, KCVO general manager: "I have not noticed any degradation of our audience levels since the construction of an FM translator for KFBD (97.7 Waynesville MO) in our market. The format of KFBD is AOR rock and is unduplicated by any of the other six FMs in this market. That is the value of translators—to provide formats that are not being provided by full power FMs. I must also say that KCVO operates five of its own translators (non-commercial), and in none of those operations has a local station complained that I have lowered their ratings or income."

La Tour also wants FM translators to be granted 1 kw power, as the FCC originally proposed, rather than 250 watts, and to make it easier for FM translators to increase their facilities, rather than being considered "major changes." The new rules, La Tour contends, have "thrown the baby out with the bath water. This ruling, in many ways, marks but one more aspect of how our American freedoms are eroding away. People all over America, like those in Abilene TX, are being deprived of their favorite programming, and our government doesn't even care. . . We respectfully request the Commission to reopen these issues and free translator operators to surely serve the American people to the best of our ability."

#### **NAB Also Wants FM Translator Rules Revisited—But for Different Reasons**

Unlike La Tour, the National Association of Broadcasters sees the new FM translator rules as being too liberal. The NAB wants further "reforms," insuring that translators remain a secondary service. The NAB wants only one (rather than three) years for compliance with the new rules, and reconsideration of the FCC decision to allow advertising messages on third-party-owned translators.

#### **Minnesota Public Radio Buys Another Commercial FM—A CP**

KVVL 102.7 Thief River Falls, an unbuilt construction permit, has been purchased, subject to FCC approval, for \$30,000. The new station is 100 kw, C1 status, and is Minnesota Public Radio's third commercial station to be bought for noncommercial purposes. MPR also owns KQMN \*91.5 in Thief River Falls, with a classical format in stereo and reading service to the blind subcarrier. MPR is buying the CP from Sartell FM, Inc., Dennis G. Carpenter, licensee of KKSR 96.7 (moving from 96.1) Sartell-St. Cloud MN.

#### **MBA Opposes Minnesota Public Radio**

"The Minnesota Broadcasters Association, an organization of over 150 broadcasting companies, hereby expresses its

deep concern over the continued unchecked, unfettered expansion of the privately owned non profit radio broadcasting company, which operates as 'MPR', Minnesota Public Radio," states a resolution from one of their recent business meetings. "We believe MPR's goal to expand its network of stations to two or more of the same class per market; its reliance on state tax revenues; its public attacks denigrating commercial broadcasting; its increased reliance on commercial selling; all present an unfair competitive advantage over commercial broadcasting. . . We hereby authorize the executive director and board of directors to take all necessary and appropriate action, including, but not limited to, seeking Federal Communications Commission relief that would apply ownership rules uniformly to broadcast companies, whether they be organized for profit or not-for-profit under Internal Revenue Service rules." After that resolution was passed, MBA met with MPR president Bill Kling, and a copy of the governor's task force paper on public radio was passed out. Salient points in the task force document were: "There should be a professional, high-quality, dual-channel broadcast service available to almost all the people of the state. It should be a highly sophisticated

to promote efficient management, the service should be organized in a simple structure, with central authority which is public but non-governmental [and] in order to maximize participation from all sectors and to provide some freedom for the broadcaster, the dual-channel system should be financed by a mixture of funding sources.

Finally, in a letter to the editors of Minnesota newspapers, Jim Wychor, MBA executive director, said: "The Minnesota Broadcasters Association opposes Minnesota Public Radio's planned purchase of WLOL FM (FMedia! Jan., p. 7). While the association supports the concept of public radio, we do not think it is in the public interest to have a public radio monopoly. . . It is difficult to understand how, at a time when important and needed charitably supported community services are having difficulty raising money, Minnesota Public Radio . . . can consider asking the public to give \$3 million of private, charitable funding to acquire a radio station for which Minnesota Public Radio has no legitimate need. MPR's acquisition will do little more than put 45 people out of work."

**Arbitron Audience Analysis Distilled to Chart Form**

The chart below is the best and most concise definition I have ever seen of radioprogram formats. You can see instantly where the median age of listeners to various formats is, as well as percentage

The five were the only proposals found acceptable among 13 applications received. Most of the grants will be toward studios and workshops to improve personnel training skills.

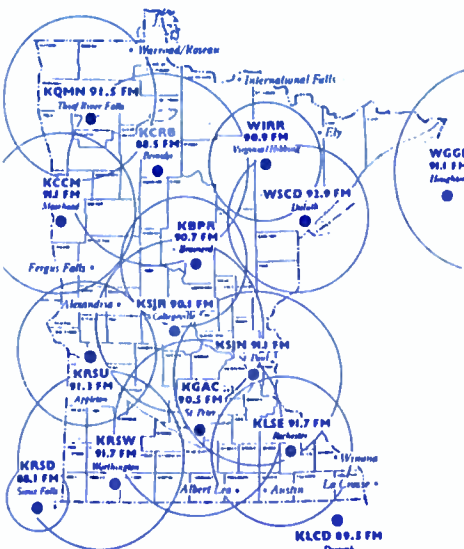
KPBS \*89.5 San Diego, after letting its recent FM facilities improvement CP lapse, is starting to ask for pledges to build a \$10.5-million broadcasting facility. Land valued at \$2 million has been provided by licensee San Diego State University; KPBS-TV will also be in on the action. KPBS went on the air 35 years ago and the TV 23 years ago—both from the same studios and offices they use now.

FM construction permit holder may be delayed in building—WRWX 98.5 Sanibel FL seemingly found the ideal tower site, only to discover about 600 meters from the site was a nest of bald eagles. Since young eagles are notorious for their awkward flying skills, and could fly into the tower or its guy wires, the Florida Fish and Game Commission is trying to help find a solution, such as a new tower site.

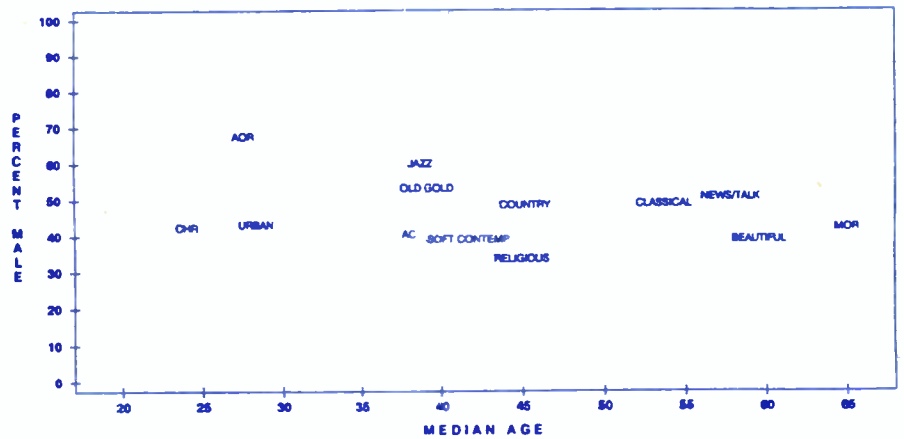
The manager of KBUT \*90.3 Crested Butte CO has decided against accepting CPB money, because that would mean the station must be a drug-free workplace. "The bottom line here is a person who wants to smoke a little pot shouldn't be restricted from being involved in the community radio station," said Jim Michael. KBUT was seeking a \$19,500 grant to bring NPR in via a satellite downlink. He is hoping the station's board of directors will agree with him. "If not, I might be out of a job," he said.

When you work at a commercial station and freelance at a noncommercial station in the area, watch out. VaLynda Robinson, news director at WILD (AM 1090) Boston, spent Christmas week doing afternoon reports on WBUR \*90.9 there, using her mother's name, Virginia Cordella. "I kept it quiet, because I wanted the extra cash for Christmas," she said, citing WILD's low pay and lack of Christmas bonuses. She had done some fill-in work at WBOS 92.9 last year, and received a warning, so this was the second time she did extra work, and WILD fired her. "What she did was against company policy. . . Management

**Classical Music and News**



**Arbitron Nationwide 1990**



Data (c) Arbitron Ratings AudiGraphics (c) Audience Research Analysis

system, providing for localized programming and production capability and network feed from any region. The programming should be of some general interest, but should not sacrifice program integrity or quality for popularity. Subsidiary carrier authorities (SCAs) from both channels should be available on a statewide basis for provision of programming to specialized audiences. Beyond the basic two-channel network, independent public stations could and should continue to exist at this point to meet additional needs in some areas. In order

male/female. It was presented by David Giovanni, head of Audience Research Analysis, an independent radio audience research firm, with funding by the Corporation for Public Broadcasting.

**Other Small-Print Happenings and FM Industry News**

The CPB has announced \$1.3 million grants to five public FM stations and groups. These include a coalition of native stations in AK, a group of hispanic stations, the Indigenous Communications Association, representing tribally-controlled radio stations, WPFW \*89.3 Washington DC and WJSU \*88.5 Jackson MS.

must be informed in advance about these things," Stephen Hill, program director, explained.

State funding cutbacks to the tune of \$273,124 might mean Maine Public Broadcasting Services' FM stations may have to cancel their all-night service. No decisions have been made about job reductions; MPBN employs 91 people in both radio and television.

WEVO \*89.1 Concord NH has purchased a one-acre lot about two km from its present site, where new offices and studios will be built, doubling the station's floor space. If all goes well, they hope to be there in April.

It cost \$6,500 to have employees of Phone Bank, Inc., of Lansing MI conduct telemarketing, but calls to 2,000 former subscribers and other

prospects netted WAER \*88.3 Syracuse \$28,260 in pledges in a three-week period. Of those contacted, 631 said they'd make donations to WAER.

A variation on cross-programming is the cross-promoting in sales of area stations not under the same ownership. KCTR-FM 102.9 and AM in Billings MT is said to be representing sales for rival KZLS 97.1, but the stations continue to be programmed and managed separately.

Radio Satellite Corp. said it's ready to broadcast digitally via satellite to cars, with contracts about to be signed for construction of a high powered satellite, set to launch in 1993. RadioSat plans to lease space on a satellite to be built by Hughes Aircraft Co. and Spar Aerospace Ltd. on the 1.6 GHz band, which the FCC has allocated it. Life of the system would be 10 to 12 years and it would cover much of North America. Commencement of construction would give RadioSat an eight year lead over other digital audio broadcasting proponents, and probably raise the ire of the National Association of Broadcasters, which wants all radio in this country to be terrestrial.

Dewayne Readus, now known as Mbanna Kantako, continues to make news with his unlicensed FM station on 107.1 in Springfield IL. His station has inspired others to start similar ventures, and there is one in Decatur IL (frequency unknown), and others set to go in Chicago, Richmond VA and Birmingham AL. Goals of the group are to set up low power FM stations to be operated by blacks, Latinos, Indians, Asians and other minority groups in low-income neighborhoods all over the country; and to challenge the constitutionality of FCC rules that exclude some 70 million low- and moderate-income citizens from the airwaves.

You might not be able to fully test your high-powered FM car radio, because laws are springing up throughout the U.S. making it illegal to crank up the volume of car sound systems. CA and HI have already made it illegal to operate a system that can be heard 15 meters away, and states expected to follow suit are AZ, IL, FL, LA and NY.

Minor format changes are playing out at various stations because of the Persian Gulf war. For example, WXKS-FM 107.9 Medford-Boston opted out of a comedy routine on the morning show, but the rock format continued. Also canned were contests. Other stations beefed up their news programming, particularly in the first days of the war. The most impressive FM coverage was by CBS' WODS 103.3 Boston, which scrapped its oldies format for the first three hours when the bombing broke out. "I think we were the only FM station to go with wall-to-wall coverage," said staffer Barbara Crouse.

WZTA 94.9 Miami Beach plans to pay the \$2000 fine imposed by the FCC for indecency, saving any appeal for Howard Stern 4nfinity Broadcasting. The fine was assessed for a 1987 playing of the song "Penis Envy" by the group Uncle Bonsai. WZTA said fighting it would come to far more than the fine itself. KWMW 105.1 Maljamar NM has been ordered to pay \$10,000 for violations of tower lighting regulations. It behooves all owners and tenants of towers to make sure painting and lighting conforms to FCC regulations; I know an engineer locally who is considering offering a consulting service to tower users to make sure the towers conform.

The Progressive Music Network, "Breeze," affiliates are having to scramble, because the uplink has been severed. Talk of financial instability continues to plague this Minneapolis-based satellite network, which hopes to return to the air. Affiliates, in the meantime, are having to scramble to do their own programming.

In FM sales, Jacor Communications has announced a \$130 million restructuring of debt in an effort to forestall creditors until the long-delayed sale of WMJI 105.7 Cleveland and WYHY 107.5 Lebanon-Nashville can close. The

sale of WZRO 96.5 Hamilton-Cincinnati has fallen through for the third time, while the *M Street Journal* reports that financially troubled Olympia Broadcasting has agreed to sell six of its seven remaining stations, keeping only KXXR 106.5 Liberty-Kansas City MO.

Media crossownerships in the same market have been both approved and disapproved by the FCC. In San Francisco, KQED TV, ch. 9, retained its license and that of KQED-FM \*88.5, but lost the license for co-owned KQEC (TV), ch. 32, to a competing applicant. The FCC was persuaded to take the license away from KQED because the new applicant was minority-owned and proposed a separately owned and separately programmed station. However, in Baton Rouge LA, the FCC granted \*88.5 to Jimmy Swaggart Ministries, against Radio for the Blind and Print Handicapped (WRBH \*88.3 New Orleans), even though Swaggart owns commercial station WLUX 1550 there. The losing applicant pointed out that, since noncommercial stations are media voices like commercial stations, the same set of public interest factors, including diversity criteria, should be used. "However, owners of multiple stations may still face license challenges for poorly utilized second stations," as with KQEC (TV) (which had been off the air for months at a time), the *M Street Journal* admonishes.

Opposing the program simulcast arrangement between WWHB 107.1 Hampton Bays NY and WNEW-FM 102.7 New York city is WRCN 103.9 Riverhead NY, which plans to file a formal complaint with the FCC. This is a danger in program format (or sales) leasing: a competitor could make you go back to your original programming or way of selling, thus erasing any savings from a lease arrangement.

"When a prospective client indicates he or she wants to put radio to the test, I always use [the] response: 'The last person to test radio was Marconi. It's perfected!'" Blair Daggett, general sales manager, CKTO 100.9 Truro NS.

Year-end station count from the FCC: FM stations on air and licensed 4,392 (mostly commercial); educational 1,440; FM translators and boosters 1,866; AM radio 4,987.

From the classifieds: McMartin TRE6B (6) SCA receivers, 67 kHz, simple crystal change to your frequency. P. Lierman, KCSP, 601 W. Collins Dr., Casper WY 82601. Also, WGER, 6165 Bay Rd., Saginaw MI 48604, has a McMartin TR-66A SCA receiver for sale.

FM 67 kHz subcarrier available. WDRE 92.7 Garden City NY—coverage of much of Long Island and So. CT. J. Caracciolo, WDRE, 1600 Stewart, Westbury NY 11590; (516) 832-9400.

Ad correction to show proper address: High quality micro-miniature 67 kHz SCA decoder, about 1" square, prewired and ready to install, \$15. D. Jackway, 5742 Fair Oak, Springfield MO 65810; (417) 881-1846.

FM Christian non-profit station seeking 10 K transmitter, 6-10 bay antenna tuned to 90.5 for tax deduction. M. Schwarzbauer, Family Educ. Bcastg., 1715 Michigan, Sturgeon Bay WI 54235.

Educ FM seeks equip. of any type, will also trade. C. Hubbell, KTEQ, 501 E. St. Joseph, Rapid City SD 57701.

FM FORUM

CONTRIBUTIONS FROM READERS

"Some time ago, you asked why I did not renew my FMedia! The reason, quite simply, is the cost increase. I just can't justify it," writes a Pittsburgh station engineer. "I have to draw the line somewhere. I don't have the time to get deeply involved with FM—I just listen to it more or less passively. I'm also quite disgusted with the direction the industry is headed. . . A serious bone of contention with me is the industry's preference to hold on to antiquated technologies (i.e., AM) rather than be at the forefront of technological advance—some are questioning whether

DAB is a threat. . . It also bothers me that I'm part of the radio industry but can't do my part to keep it up to its full potential, or even the one station I work for. I might point out that I was somewhat miffed when you published the corporation I worked for—I sat on pins and needles for the next couple of months while infuriated AM aficionados made references to my thoughts. My boss knows my feelings toward AM—he just doesn't know that I went so far as to put them in print [but] I liked your comment a while back about radio not being 'fun' any more." [FMedia! has not had an increase in its \$45 rate, which has been intact since the year it started—1987—b.e.]

"Back in May, a popular morning deejay, J. Bruce, moved from WFTQ 1440 AM to WXLO 104.5 FM as part of a team with John Taylor. Unfortunately, the 'Worcester Telegram' reports that he is currently suffering from laryngitis and is temporarily 'off the air', although he still reports to work (doing silent radio) and does public appearances," says Joe Zayonc.

"Timothy Brown's sobering thoughts on DAB in the Nov. FMedia! were not surprising, but a bit sad," writes David (Doc) Searls, who has an advertising background. "We want things to be easy, and they aren't. The proposal to phase it in as a kind of digital telemetry on an analog subcarrier may be practical, but suffers an FMX-like burden of purpose: to improve a limited existing service rather than to provide a far better new one. I think wireless broadcasting is likely to remain mostly analog for a long time. [Radio today has a] lack of soul. What was once 'programming' is often targeted mathematically to strike certain demographic groups. When I drove through the New Jersey meadows on the Turnpike recently, my heart sank as I passed WMCA's transmitter. I really loved that station when I was growing up. I can still remember the names of all the 'Good Guys,' their theme songs and the hours of their air shifts. Now the poor thing lives out its dotage as yet another religious drone. Across the highway lie the skeletal remains of WNEW's old towers, slowly sinking into the swampy water, sad reminders of how once they radiated the likes of Frank Sinatra and Patti Page to my parents and countless others for whom the station was for so long an anchor of good musical taste. It was possible in those days to actually *love* a radio station. . . Those stations had personalities. I think that music itself has fallen victim to technology. I have long believed that the quality of music, by and large, has declined inversely with the quality of reproduction. . ."

To be continued in March. Until then,

*Bruce F. Searls*



# FMedia!

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A NEWSLETTER OF FACT AND OPINION ABOUT  
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## New FM Station, Translator Grants

AL Atmore WYDH 3700 h,v; 136 m, AL Native American Bcstg. [A. Seifert  
 AL Georgiana 107.7 6000 h,v; 100 m, Sharon/  
 AK Bettles [Field] (location unknown) K221-  
 AA 92.1 (KIAM AM Nenana AK translator)  
 AZ Tucson 104.1 3000 h,v; -14 m, F. E. M. Ray  
 CA Bayside (Arcata) \*91.5 500 watts h,v; 251  
 m, Com. of Humboldt Educ. ERS  
 CA Livermore KBAY-1 100.3 50-w booster of  
 San Jose station [of San Francisco station  
 CA Martinez KOIT-FM2 96.5 200-watt booster/  
 CA Visalia KDUV \*88.9 1000 h,v; 807 m, Com-  
 munity Educational Broadcasting, Inc.  
 CO San Antonio (SSW Alamosa near NM border)  
 K209BC \*89.7 (KFLQ 91.5 Albuquerque NM)  
 DE Selbyville 97.9 3000 h,v; 100 m, Anchor  
 Bcstg., reinstatement of initial decision and  
 overturning of FCC Review Board  
 FL Lecanto (Everly Hills) \*88.3 3800 h,v; 79 m,  
 Diocese of St. Petersburg FL [Communications  
 FL Port St. Lucie 101.3 6000 h,v; 100 m, Gant/  
 GA Cobb (25 km SE Americus) W212AJ \*90.3  
 (WFRC 90.5 Columbus GA) [IL, via satellite]  
 HI Hilo K220DH \*91.9 (WMBI-FM 90.1 Chicago/  
 HI Kalalu'u 106.1 40 watts h,v; 975 m, Shaka  
 Bcstg.  
 HI Puueo (near S. tip of big island) KIPA-FM 1  
 1300 h, booster of Hilo station  
 ID Idaho Falls K220DG \*91.9 (WMBI-FM 90.1  
 Chicago IL)  
 IL Mount Vernon W212AK \*90.3 (WMBI-FM)  
 IN Madison W216AO \*91.1 (WMBI-FM) [try Bcstg.  
 KS Norton 106.7 50500 h,v; 28 m, Pioneer Coun-  
 KY Frankfort WKED-FM 103.7 2500 h,v; 109 m,  
 Allan Communications, Inc.  
 KY Westwood (this is the Westwood near Ashland  
 KY, not the suburb of Louisville) 99.7 3000  
 h,v; 100 m, Pickaway Communications, Inc.  
 MI Newberry W204AQ \*88.7 (WPHN 90.5 Gaylord)  
 MN Spring Valley 104.3 2800 h,v; 144 m, Radio  
 Ingstad MN, Inc. [cago IL)  
 MS Biloxi W207AP \*89.3 (WMBI-FM 90.1 Chi-/  
 MS Gulfport W216AP \*91.1 (WMBI-FM)  
 MO Kirksville 107.9 100000 h,v; 126 m, Hallmark  
 Computer Services [Chicago IL)  
 MO St. Joseph K209BE \*89.7 (WMBI-FM 90.1/  
 MT Emigrant K208BX \*89.5 (KGLT 91.9 Bozeman)  
 MT Livingston K208BY \*89.5 (KGLT) [cago IL)  
 NE Chadron K213BJ \*90.5 (WMBI-FM 90.1 Chi-/  
 NE Valentine K214BJ \*90.7 (WMBI-FM)  
 NY Monroe \*89.3 200 h,v; 312 m, g, Sound of  
 Life, Inc., see also "Deletions," below)  
 NC Goldsboro W217AC \*91.3 (WMBI-FM 90.1  
 Chicago IL)  
 NC Kinston W203AD \*88.5 (WMBI-FM)  
 NC Southport W213AG \*90.5 (WMBI-FM)  
 NC Wilmington W212AL \*90.3 (WMBI-FM)  
 OH Columbus \*91.5 3000 h,v; 100 m, g, Bright-

ness Ministries, Inc. [Chicago IL)  
 OH Gallipolis W219AZ \*91.7 (WMBI-FM 90.1/  
 OK Ardmore K206AX \*89.1 (WMBI-FM)  
 OK Bartlesville K206AY \*89.1 (WMBI-FM)  
 OK Grove K219BP \*91.7 (WMBI-FM)  
 OK Hooker K214BI \*90.7 (WMBI-FM)  
 OK Muskogee K204BQ \*88.7 (WMBI-FM)  
 OK Ponca City K205BY \*88.9 (WMBI-FM)  
 OK Wilburton 103.7 6000 h,v; 83 m, Blue Mtn.  
 Bcstg.  
 OR Newport K205BF \*88.9, relaying KLCC  
 \*89.7 Eugene,  
 and not to be  
 replaced by  
 new satellite  
 station KLCC  
 \*90.5. "Our plans are to continue operation  
 of the translator. . . Newport is a diverse  
 community with an increasing number of  
 retirees [and] to better serve community  
 needs, KLCC plans to program KLCC differ-  
 ently during parts of the broadcast day. The  
 translator will, of course, continue to carry  
 KLCC during those periods of alternate  
 programming." [delphia)  
 PA Denver W214AL \*90.7 (WRTI 90.1 Phila-/  
 PA Easton W208AI \*89.5 (WMBI-FM 90.1  
 Chicago IL)  
 PA Johnstown W201AN \*88.1 (WMBI-FM)  
 PA Kane W211AK \*90.1 (WMBI-FM)  
 PA Lewistown W214AK \*90.7 (WMBI-FM)  
 PA Mansfield 92.3 420 h,v; 264 m, Jennifer Lamb  
 PA Richland W214AL \*90.7 (WRTI 90.1  
 Philadelphia) [munications  
 SC Scranton 102.9 3000 h,v; 100 m, S. Com-/  
 TN Bartlett (Memphis) 92.9 3000 h,v; 100 m,  
 Belz Broadcasting Co. [Chicago IL)  
 TN Oak Ridge W215AH \*90.9 (WMBI-FM 90.1/  
 TX Denison K213BL \*90.5 (WMBI-FM) [Corp.  
 TX Tahoka 95.3 3000 h,v; 100 m, Parity Radio/  
 TX Texarkana K212AW \*90.5 (WMBI-FM 90.1  
 Chicago IL) [Baptist Academy, Inc.)  
 UT Salt Lake City \*88.3 500 h,v; 362 m, g, S. L./  
 VA Vinton (Roanoke) 101.5 630 h,v; 215 m,  
 Carol S. Bowman  
 WA Ellensburg \*90.7 5000 h,v; 778 m, WA State  
 U. (see also "Deletions," below)  
 WV Montgomery 93.3 400 h,v; 217 m, Upper  
 Kanawha Valley Broadcasters [Chicago IL)  
 WY Douglas K219BO \*91.7 (WMBI-FM 90.1/  
 WY Evanston K213BI \*90.5 (WMBI-FM)  
 WY Jackson K216CI \*91.1 (WMBI-FM)  
 PD La Pocatiere CHOX 97.5 25200 h,v, with  
 transmitter at St. Onesime "to ensure that  
 the 500 uv/m contour excludes Riviere-du-  
 Loup and surrounding area"  
 Denied  
 NB Edmundston, a bid by CIBM Riviere-du-  
 Loup for a 4-w relay because of possible  
 adverse impact on the Edmundston advertising  
 base



## Call Letters Assigned or Changed

AZ Window Rock 96.1 KWRK  
 AZ Yuma \*88.1 KZPL [still rm  
 CA San Diego 94.9 KRMX (KKYY), "Mix 94.9,"/  
 CA Soledad 106.3 (CP was originally for 105.3)  
 KLUE  
 CO Denver 95.7 KHOW-FM (KSYY), r[ock]  
 FL Fort Walton Beach 96.5 WJUS  
 FL Graceville 102.1 WYDA  
 GA Irwinton 103.7 WVXK (from WSYI)  
 GA St. Simons Island 92.7 WMOG-FM (WPF1); AM  
 is in Brunswick GA  
 IL Decatur 93.1 WYDS  
 IN Newburgh 106.1 WSYZ (WEKX), r  
 IN Salem 97.9 WDHM  
 KS Wichita \*90.7 KZZD (KGAM)  
 LA Benton 92.1 KKLK (KDKS), "Cool 92.1"  
 MD Pocomoke City 106.5 WMYJ  
 MA Boston 98.5 WBMX-FM (WROR), sr, with  
 some rock, but "no rock with a harder edge."  
 It has hired Greg Strassel, formerly of WI. Of  
 99.5 Minneapolis (now KSJN-FM, noncommi-  
 cial, classical, despite three petitions to deny to  
 ense change to Minnesota Public Radio), as pro-  
 gram director, dumping Harry Nelson.  
 MA Marion \*88.5 WWTA  
 MI Lexington 96.9 WYDG  
 MI Muskegon Heights 101.7 WQWQ-FM (WQFN), b,  
 1520 AM simulcast, as are all Muskegon AM-FM's  
 MN Minneapolis 99.5 KSJN-FM (WL0L), \$, c and \*  
 MN Paynesville 98.9 KZPK [soon mono, t  
 MN St. Paul \*91.1 KNOW (KSJN), still \$, c, but/  
 MN Wabasha 102.5 KQLW (KWMB), r, "Power 96"  
 (sic), rebroadcasting KOCL 95.9 Faribault and  
 KQPR 96.1 Albert Lea  
 MS Flora 97.5 WXFJ  
 MO Ozark 92.9 KZPF  
 NH Peterborough 92.1 WMDK"-FM" (WMDK-FM; A  
 gets new calls)  
 NH Portsmouth 100.3 WHEB"-FM" (WHEB-FM—to  
 reflect the taking off the air of WHEB AM—see  
 "AM Happenings" below) WHEB-FM now on  
 with 50000 h,v; 136 m, and with a "good signal  
 in Portland."  
 NM Deming \*91.7 KZPI  
 NY East Hampton 96.7 WVEH, to 4300 h,v; 117 m  
 NY Henderson 100.7 WLKC (WXJE)  
 NY Rochester 97.9 WPXY"-FM" (WPXY-FM; AM  
 gets new calls)  
 OH Hamilton 96.5 WZRZ (WZRO), still "Z-Rock,"  
 and call change coming about after WKRO 101.9  
 Cincinnati obtained an injunction against the  
 \$6.5 station changing to what WKRO charged  
 was "trademark infringement and advertiser  
 confusion from the similar call letters"  
 OH Lima 93.1 WLMB  
 OH Montpelier 104.5 WYDF [KMXI-FM  
 OR Lake Oswego 106.7 KMXI (does not change to/

PA Altoona 98.1 WFBG-FM (not changing to WFGY)  
 PA Sharpville 95.9 WAXF (WOJY-FM)  
 SC Anderson 101.1 WROQ (WCKN)  
 107.3 WWMM (WANS-FM), m  
 TN Bolivar 94.7 WYDB  
 TN St. Joseph 101.5 WJOR-FM, \$, g, on air  
 TX Beaumont 107.7 KWIC-FM (KWIC-FM; AM gets new calls), ID with Houston, "the third Beaumont-Port Arthur station to do this," still rp, "FM-108," but sometimes calls self "Classic Hits FM 108" [99"]  
 TX Brownsville 99.5 KRGY (KRIX), "Energy/  
 TX Brownwood 104.1 KXYL-FM (KISJ), k  
 TX El Campo 96.9 KIOX-FM (KXGC), k, "X-97" (strict)  
 TX Fredericksburg 101.1 KONO-FM (KFAN)  
 TX Freeport 103.3 KJOJ-FM (KJOJ); AM is in Conroe TX [Galveston]  
 TX Houston 105.7 KHCB-FM (KHCB); AM is in TX Johnson City 107.9 KFAN (KBKK)  
 TX Killeen 92.3 KIIZ-FM (KIFX); being leased by AM station with which it is not co-owned  
 TX Levelland \*91.7 KZPJ  
 UT Delta \*88.1 K201BY (K201AA)  
 VA Norfolk \*89.5 WHRV (WHRO-FM); see also "Facilities," below. "A few years ago when WHRO-FM decided to put on a second station they had to have a frequency. The only one available was 88.7, which belonged to a small high school station in Portsmouth. They couldn't use it for a full power station because of interference problems. The only one available then was 90.3 which was used by WFOS, the Chesapeake Public Schools station. . . They petitioned the FCC to have WFOS moved to 88.7, delete WNHS 88.7 Portsmouth and put the new station on 90.3. They also donated a new transmitter to WFOS and increased their power to 15000 watts. Eventually everything was OKed. Last year, WFOS was moved to 88.7. The new station, WHRV, came on 89.5 and WHRO-FM was moved to 90.3. . . WFOS' power increase was welcomed by many. Now there are some listeners in Virginia Beach who are upset because they cannot receive WFOS now but could before. Now WFOS has to protect a small religious station, WODC \*88.5 in Virginia Beach. So goes it."  
 WA Cashmere 101.1 KZPH  
 WI Eau Claire \*91.3 WYDR

**Facilities' Changes Granted**

AL Phenix City WGSY 100.1 6000 h,v (91 m)  
 AL Vernon WJEC 106.5 6000 h,v (100 m)  
 AL Winfield WKXM 105.9 132 m (3000 h,v)  
 AK Juneau KSUP 106.3 10000 h,v; -307 m, C3  
 AZ Buckeye (new) 106.9 6000 h,v; 85 m  
 AZ Tusayan KRBZ 92.1 1600 h,v; 102 m  
 AR England KLRA-FM 96.5 5000 h,v (45 m)(m)  
 AR Texarkana KTWN-FM 107.1 2900 h,v (146/  
 CA Eureka KRED-FM 92.3 25000 h,v (465 m), C1  
 CA Fresno KFNO \*90.3 1700 h,v; 601 m [h,v]  
 CA Palm Springs KPSI-FM 100.5 53 m (25000/  
 CA San Francisco KXXX-FM 99.7 39500 h,v; 396 meters above average terrain  
 CA Walnut KSAK \*90.1 127 m (4 watts h,v)  
 CA Watsonville K276AX 103.1 now with KLVR \*91.9 Santa Rosa (not KAMB 101.5 Merced). A while back KLVR was announcing their

failure to meet a fund-raising goal and the possibility they might cease operation." Several weeks later they're still on, so I think the shut-down talk may have been scare tactics."  
 CA Weed KWHO 100.9 100 h,v; 443 m, now on air on the flank of Mt. Shasta, co-sited with K275CA  
 CO Colorado Springs KTLF \*89.7 6500 h,v; -88 m  
 KEPC \*90.5 300 h, 1200 v; 626 m CP forfeited; to remain at 3700 h,v; -83 m  
 FL Fernandina Beach WNLE \*91.7 38000 h,v (52 m)  
 FL Marianna (new) 94.1 (from 93.3)  
 FL Micanopy WLCL 97.7 2600 h,v; 151 m—reverses action of last month [be on air  
 FL Key Largo WZMQ 103.9 6000 h,v; 47 m, said to/  
 FL Springfield WRBA 95.9 30000 h,v; 86 m, C2  
 GA Augusta W261AP 100.1 (transmitter North Augusta SC) back on "for good" with WMKO 94.9 Millen, "KO-Country," instead of off-air WRDW-FM 96.7 Wrens GA. It was heard testing with WLFJ \*89.3 Greenville SC, but there was too much interference from WLJK \*89.1 Aiken SC  
 IL Galesburg WVKC \*90.7 (from 90.5) 31 m (1000 h)  
 IL Morton WTAA 102.3 6000 h,v (91 m)  
 IN Mitchell WOTS 102.5 6000 h,v; 86 m  
 IN South Whitley WLQZ 101.1 6000 h,v (100 m)  
 IA Dubuque KATF 92.9 143 m (100000 h,v—CP for 305 m forfeited) [86 m, C3  
 IA Twin Lakes KTLB 105.9 (from 105.5) 25000 h,v; IA Waukon KNEI-FM 103.5 (from 103.9) 50000 h,v; 150 m [92.5] 100 h,v; 36 m  
 KS Baldwin City (not "Baldwin") KNBU \*89.7 (from/ KS Girard KYPG 99.1 (from 101.1)  
 KY Shepherdsville (new) 105.1 1600 h,v; 136 m  
 LA New Iberia (new) 93.7 34000 h,v; 180 m  
 MI Grand Rapids WXJI 98.7 (from 98.9)  
 MI Osego WQXC-FM 100.9 91 m (3000 h,v—CP for 100 m forfeited)  
 MI Saginaw WTLZ 107.1 4900 h,v (110 m)  
 MN Austin KAVT \*91.3 130 h,v; 59 m, adds vertical  
 MS Booneville WBIP-FM 99.3 6000 h,v (91 m)  
 MS Clarksdale WKDJ 96.5 25000 h,v; 80 m, C3  
 MO Jefferson City KJMO 100.1 33000 h,v (183 m), reverses action of last month (for 377 m forfeited)  
 NE Lincoln KFRX 102.7 131 m (100000 h,v—CP/  
 NV Sparks KKMR 100.9 910 h,v; 256 m  
 NJ Atlantic City (new) 107.3 60 m (25000 h,v)  
 NM Farmington KNMI \*88.9 6200 h,v (206 m)  
 NY Delhi WDHI 100.3 770 h,v; 196 m  
 NY Monticello WSUL 98.3 1100 h,v; 163 m [h, -1 m  
 NY Paul Smiths WPSA \*98.3 (from 89.1) 10 watts/  
 NC Durham WFXC 107.1 2800 h,v; 149 m  
 NC Scotland Neck WWRT 95.5 (from 102.7), 2600 h,v; 145 m  
 OH Archbold WMTR-FM 96.1 3800 h,v (122 m)  
 OH Belpre WNUS 107.1 4200 h,v; 112 m  
 OH Lima WTNB 97.7 6000 h,v (91 m)  
 OH Mansfield WVNO 106.1 40000 h,v; 166 m  
 OK Perry KJFK 105.1 6000 h,v (100 m)  
 OR Ashland KSMF \*89.1 2300 h,v (412 m)  
 OR Brookings KURY-FM 95.3 1900 h,v; 355 m, C3  
 OR Roseburg KRSB 103.1 25600 h,v; 205 m  
 PA Carbondale WSGD 94.3 1100 h,v (235 m)  
 PA Pittsburgh WEZE-FM 104.7 19000 h,v; 242 m  
 SD Canton KIXS 102.7 (from 102.5)  
 TN Alamo WNBE 93.1 14200 h,v; 135 m, C3  
 TN Crossville WEGE 102.5 6000 h,v; 89 m  
 TX Farwell KLZK 98.3 6000 h,v (66 m)  
 TX Lubbock KOHM \*89.1 50000 h,v; 160 m  
 TX Tulia KJMX 104.9 7200 h,v; 57 m, C3

VA Chesapeake WFOS \*88.7 (from Norfolk)  
 VA Norfolk WHRO-FM \*90.3 (from Chesapeake and frequency change from 89.5)  
 VA Winchester WTRM \*91.3 6100 h,v (411 m, d-a)  
 WA Prosser KACA 101.7 5000 h,v (-79 m)  
 WA Spokane KVXO 103.9 5500 h,v (91 m)  
 WV Princeton WAEY-FM 95.9 6000 h (87 m)  
 WV Wheeling WOVK 98.7 271 m (15000 h,v)  
 WI Berlin WISS-FM 102.3 4600 h,v (53 m)  
 WI Medford WIGM-FM 99.3 23000 h,v; 104 m, C3  
 WI Tomah WTRL 96.1 1800 h,v; 174 m  
 PR Luquillo WZOL 92.1 6000 h,v; 65 m  
 NB Fredericton CHSR \*97.9 (from 97.5),



with new renovations making it one of the "most modern facilities in the country," and utilizing over 100 volunteers who produce the programming. Possible Facilities' Change  
 AB Edmonton CKUA-FM \*94.9 granted move to 16 km SE and possible EHAAT and ERP change parameters not announced

**Stereo—or to be Stereo**

AL Linden WNPT-FM 102.9  
 CA Morgan Hill KSQQ 96.1, multicultural ethnic format, "90% Portuguese, 10% other foreign. Stereo pilot stays on, but all Portuguese music is mono." [92"]  
 CO Castle Rock KYBG-FM 92.1, "The New Lite/  
 GA Folkston WOKF 92.5, k, to 100 m (3000 h,v)  
 GA Fort Gordon WFGG \*88.3, back in Stereo  
 ID McCall KMCL 101.1 [Marion, "EZ-103.5"  
 IL Christopher WUEZ 103.5, ID with Herrin/  
 IL Mahomet WHZT 105.9, r, "The Heat," ID with Champaign-Urbana  
 IN Anderson WQME 98.7 [g  
 KS North Newton KBCU \*88.1/  
 NY Plattsburgh WCFE-FM \*91.9, [wefe radio  
 cf. "Thank you for writing and correcting WCFE's listing in your publication." On 24 hours.  
 NC Kinston WELS-FM 102.9, sg  
 OH Crestline WAPQ 98.7, rp, ID with Mansfield, "The Apple"  
 OH Crooksville WYBZ 107.3, o[ldies]  
 SC Marion WKSJ 100.5  
 SD Milbank KMSD-FM 104.3, r, "Power 104 FM" (strict; simulcast with AM)  
 WI Durand WRDN-FM 95.9 [94.3  
 WI Eagle River WRJO 94.5, having moved from/ Monophonic  
 IN Roanoke WQTX 105.1, talk, but has stereo capability, as it was heard with \$, testing with pr  
 TN Manchester-Nashville WWTN 99.7, confirmed mono, with talk, now transmitter from Murfreesboro TN and serving Nashville with 100 kw. Was off briefly because of problems caused by a wind-blown transmission cable.  
 TX Bishop KFLZ 107.1, "Radio Feliz," Spanish

**Format Changes**

Formats are same as in the "FM Atlas" [Radio  
 CA Greenfield KSUR 99.5 b [Scott Shannon go, still/  
 CA Los Angeles KQLZ 100.3 rp, letting morning host

CA Santa Clara KARA 105.7 o [ldies]  
 CO Burlington KNAB-FM 104.1 rm  
 CO Leadville KRMH-FM 93.5 silent (second period off), remove \$, format listings  
 O Sterling KNNG 104.7 rm  
 L Marco WGUF 92.7 b  
 FL Naples WGL 103.1 rm [Pure  
 FL Silver Springs WWGO 95.5 to be o, SMN/  
 GA Athens-Atlanta WALR 104.7 still rm,

TN Tazewell WFSM 94.1 k [ountry]  
 TX Clarksville KCBZ 98.5 rm  
 TX El Paso KLTO 94.7 Spanish, latin, parallel to KAMA 750; KLTO and KAMA not co-owned  
 TX Georgetown-Austin KHFI 96.7 r, CHR, "All Hit K-96.7" ["Coda 99"]  
 TX Houston KODA 99.1 mr, "Sunny 99.1" (from/  
 TX San Antonio KSTX \*89.1 tc, although almost all talk. Has stereo for classical music  
 UT Price KARB 98.3 rm [month  
 VA Coeburn WZQK 99.7 r, CHR; expected on last/  
 VA Staunton WANV-FM 99.7 o  
 VA Suffolk WAFX 106.9 op  
 WA Aberdeen KDUX 104.7 rp  
 WA Everett KSER \*90.7 jf, much talk, with "reception strong into downtown Seattle"  
 WA Othello KZLN 97.5 o, SMN Pure  
 WA Pasco KEYW 98.3 rj, still "Q-98"  
 WA Yakima KRSE 98.3 mr, soft AC [(332 m)  
 WV Milton WAEZ 106.3 rm, "Z-106," to 560 h,v/  
 WI Elk Mound WECL 92.9 rm  
 WI Minocqua WWMH 95.9 rm, Drake AC  
 WI Tomah WZFR 94.5 rj, "The Breeze"  
 BC Prince George CIRX 94.3 r  
 ON Wingham CKNX-FM 101.7 r

# WALR 104.7 FM

"Love 104.7," despite small ad budget and mainly word-of-mouth promotion, is said to be growing in audience. Targeting young black women, an upscale, affluent group. "They're not bebop, not rap, and that's what I like about them."

GA Greensboro WDDK 103.9 rm, "Dock 104," ID with Madison-Eatonton  
 GA St. Marys WAIA 93.3 op, classic rock  
 IL Morrison WZZT 95.1 mr, Drake soft AC  
 IA Spencer KJJG 104.9 o, SMN Pure  
 LA Benton KDKS 92.1 o, "Oldies 92.1"  
 LA Morgan City KFXV 96.7 rm  
 ME Bath WKRH 105.9 op, \$[tereo] resumed, "Maine's Classic Rock," but AM 730, WJTO, not yet back on; was to have returned with play-by-play sports  
 ME Biddeford WSTG 94.3 rm  
 MA Falmouth WFAL 101.1 rm, "F-101" (from "101-FM")  
 MI Alma WFCY-FM 104.9 o  
 MI Carrollton WKFK 100.5 rm  
 MI Gulliver WTIQ-FM 94.7 k, not yet on air  
 MI Menominee WCJL-FM 103.9 op, classic rock  
 MS Gluckstadt WLIN 101.7 m, "not easy like WLIN 95.5 Jackson was"; †U, 67 kHz SCS  
 MS Jackson WTYX 94.7 o, "Oldies 94," has †U, SCS, 67 kHz [below, Utica MS  
 MS Yazoo City WJNS-FM 92.1 s; see also "SCS"/  
 MO Clinton KLRQ 96.1 r, "AC days, CHR night"  
 MO Perryville KBDZ 93.1 rm  
 NJ Atlantic City WMGM 103.7 rm, "Sunny 103" (loses "Power 103")  
 NM Farmington KSJE \*90.9 ct [Class A)  
 NM Grants KZNM 100.9 rm, to 800 h,v (68 m/  
 NM Santa Fe KLSK 104.1 op  
 NY Arlington WEXT 96.9 all talk with pseudo stereo, remove \$ listing. Programming sold out to WKIP AM Poughkeepsie, which owns Q-92, WRNQ 92.1. "For music tune to Q-92; for talk it's 96.9 FM."  
 NY Deposit WIYN 94.7 mr, soft AC [WKJY"  
 NY Hempstead WKJY 98.3 o, "New 98.3/  
 NY South Bristol WZSH 95.1 mr  
 NC Forest City WBBO 93.3 r, "Power 93"  
 NC Grifton WVVY 99.5 r  
 PA Linesville WVCC 101.7 m, SMN Standards  
 PA Media WKSZ 100.3 r  
 SC Kingstree WWKT 98.3 sj  
 SC Spartanburg WSPA-FM 98.9 mr  
 SD Brookings KBRK-FM 93.7 rm ["Crow FM"  
 SD Sioux Falls KRRO 103.7 op, classic rock./  
 TN Chattanooga WBYN \*89.7 all g  
 TN Jackson WJTR \*90.1 c, parallel to WKNO-FM 91.1 Memphis  
 TN Spring City WAYA 93.9 rm, ID with Grayville (see "NonIDs" below), to 105 m (2000 h,v)

## On Air (Selected)

CA Pittsburg KKIS-2 92.1, but "can't prove it by me: on the freeway, KWVN Placerville still competes vigorously. But their engineering consultant indicates the booster is directed away from the freeway because the primary is strong other places along there. I guess it fills in some areas just east of the hills between Concord and Pittsburg where the primary is nearly nonexistent"  
 CO Glenwood Springs KMTS 99.1, having moved from 92.7  
 GA Tifton WPLH \*107.5, but seeking \*103.5; on air Monday through Thursday 1p.m.-1 a.m.  
 ID Emmett-Boise KJHY 101.9, having moved from 101.7; transmitter now at Deer Point  
 IL Monmouth WMOI 97.7 3400 h,v; 134 m, having increased its height and power in January, at a site 5 km SE of Monmouth, replacing a shorter tower in the center of town. Coverage is said to extend from the Quad Cities south to Beardstown.  
 IN Sullivan WNDI-FM 95.3, back on air with k, mono  
 MA Worcester WICN \*90.5 12600 h,v; directional, 89 m, with a new antenna at Stiles Hill, Boylston  
 NY Lake Success-New York WYNY 103.5 now non-directional  
 NY Schroon Lake W214AG \*90.7, via satellite; and it may be the nation's first on-air FM translator picking up its primary by satellite; see it listed in the current "FM Atlas"  
 SAUDI ARABIA AFRTS radio broadcasts are/were FM, beginning "only days after U.S. officials received approval from the Saudi government." Transmitters had to be picked up from various places by the Navy and shipped to Saudi Arabia and installed, along with 1-meter dishes to receive signals from satellites over the Atlantic and Indian Oceans. On air 24 hours a day with music what 18-25-year-olds enjoy, plus sports and command information, showing respect for the host country's sensibilities. Some local broadcasting and DJing also occurred, with four mobile vans manned by AFRTS disc jockeys. FMusic assumed transmitted in stereo.  
 OR Newport KYTE 102.7, having moved from 102.5—remove 102.5 listing, FM Atlas, p. 176



## Off Air or Not Yet On

CA Walnut Creek KCEQ \*100.5, now cable-only (101.7), but has conducted a fund-drive, which might enable them to rebuild the FM station  
 CO Rocky Ford KAVI-FM 95.9, along with its AM  
 FL Rock Harbor WKLG 102.1. "When WKLG was on 102.3 they had m-o-r, but no one listened, I guess!"  
 GA Sparta WHAN 102.7  
 GA Warrenton WSAA 93.1 ["pending their sale"  
 NC New Bern WSFL-FM 106.5, along with its AM,  
 OR Phoenix KROG 105.1; had been simulcast with KDOV AM 1300 Phoenix, but not co-owned  
 SC Due West WECE \*88.5  
 TX Cameron KCRM 103.1 and Giddings KOKE 101.5 (still on 103.9 and 101.7, respectively); move to C2 for both still four to six months away  
 TX Temple KPLE 104.3C2 (from 104.9A) move is in "a few months; equipment on the way; transmitter will be at KNCT-TV-46 Belton's tower; new signal will go from Georgetown to Corpus Christi to Gatesville"

## Deletions

CA Danville KSAN-3 94.9, KFOG-2 104.5—both replaced by high power boosters in Pleasanton (Mt. Diablo)  
 CA Walnut Creek K228CI 93.5, KSAN-2 94.9, KFOG-1 104.5—all replaced by high power boosters in Pleasanton  
 GA Augusta W210AA \*89.9 off "permanently and the translator has been returned to BBN. WYFA's recent upgrade to 6 kw and relocation of tras transmitter site closer to Augusta made the repeater unnecessary." [roe grant  
 NY West Point WKDT \*89.3—because of new Mon-/WA Ellensburg K212AD \*90.3 (replaced by full-powered station)  
 "May 1 is the date when the new FM translator rules take effect. There's a rush at the Commission for the new forms so that translators can increase in power." FMedia!  
 FMistakes—13th ed. FM Atlas and/  
 AL Mobile \*91.3 WHIL, not "WBIL," p. 33; not 91.1, p. 28  
 AZ Cottonwood \*89.5 KJZZt, add \* p. 68  
 CA San Diego 100.7 calls are KFMB-FM, not "KFMB," Feb., p. 4, col. 2  
 CO Eagle remove K272AF 102.3 from p. 136 [136  
 CO Glenwood Springs remove K272A1, 102.3 from p./  
 CO Grand Junction remove K288EJ 105.5 from p. 136  
 FL Chattahoochee misspelled, p. 28  
 FL Gainesville WJLF \*91.7 add \$, p. 150  
 ID Sun Valley stations out of sequence, p. 107  
 KY Central City WKYA 101.9, not 101.1, p. 38  
 KY Midway 107.9 not on p. 188—is 3000 h,v; 100 m  
 ME Presque Isle WBPW 96.9, not "WDHP," p. 4, col. 3, 2-91; is "Power 97"  
 MT Bozeman 98.3 KGVWt, not "KGYWt," p. 84  
 NY Ithaca \*101.7 WMHRt add \*, p. 14  
 NY Monticello WSUL 98.3 out of sequence, p. 118  
 NY Webster \*106.3 WMHRt, not "WMHnt," p. 14  
 NC Elizabethtown WGQR 105.7, not "WGRR," p. 183 [p. 3, col. 1  
 ND Jamestown 93.3 calls are KSJZ (not "KSJM")/  
 ND Langdon KVLR 95.7 rm, not "rnn," p. 3, col. 1  
 OH Belpre WMPB \*91.7, not "WMPB" or "WBPB," p. 4, col. 1, 1-91  
 OR Eagle Point remove KEPO \*92.1 from p. 151  
 OR Eugene 103.9 translator calls are K280BY, not "K208BY," Feb., p. 4, col. 1  
 OR Portland 101.1 KUFO (not "KKCY"); 101.9 KINK (not "KUFO"), p. 80  
 OR Warm Springs 96.5 KTWI (omitted mention of previous calls, KWSI, p. 1, col. 3, Feb.

PA Hanover WRBSt frequency missing from p. 19—is 107.1  
 SC Folly Beach WYBB 98.1 add \$, p. 122  
 TN Maryville WGAP-FM 95.7 k format missing, p. 123 [p. 3, column 1  
 TX Conroe 106.9 calls are KJZS (not "KJZS")/  
 TX Jacksonville KBJZ \*90.3 listed as C2, p. 2, col. 2, according to FCC, but facilities granted are greater than for a C2  
 UT Orderville remove K276DO from p. 141 [141  
 UT Panguitch remove K272BA 102.3 from p./  
 MEXICO Nogales 105.9 XHNES, not 106.7, p. 69  
 p. 145 "89.1" heading misplaced (should be near top of Col. 1 instead of near the bottom)

**SC Services, 57, 67, 92 kHz and TV-VBI**

**Symbols are as in the "FM Atlas"**

AR Fayetteville KKEG 92.1 tT, 67 (from tM)  
 CA San Bernardino KVCR \*91.9 tT, 67, a reading service sponsored by the Foundation for Blind Independence; retains tU, 92  
 CA San Jose KSJS \*90.7 tE, 67, Sino Broadcasting, same as on KALW \*91.7 San Francisco. "We want receivers that only get our Chinese programming, not also Arthur Liu's Sinocast on KFOG's (104.5) 92."  
 FL Cocoa WLRQ-FM 99.3 tX, 67; tX, 92. "We have four SCAs," including possible double use of each frequency; possible parttime audio network news relay in clear voice  
 LA Alexandria KLSA \*90.7 tU, 67  
 KQID 93.1 tU, 67, "a monster signal"  
 MD Annapolis WFSI \*107.9 tE, 92, Hatian French. "We reach Washington DC," and interested in dual-cassette units modified for 92 kHz SCS reception  
 MI Detroit—a \$15 million, three year demonstration project to compare various types of communications equipment, including FM SCA at 57 kHz. Tests to be done by MI Dept. of Transportation and the Environmental Research Institute of the University of Michigan. The FM/SCA system will be similar to the European RDS and will be compared in effectiveness to such technologies as low power highway advisory radio (HAR), such as TIS stations at 530 and 1610 kHz, and AHAR, which is an automatic interrupt highway advisory service, with the latter having the ability to override what a turned-on radio might be receiving. Along the same line, the NAB is seeking bids from industry, to provide a "radio broadcast data system," which would be similar to RDS, but having components unique to the U. S. The committee plans to meet March 14 to review proposals and begin work on standards.  
 MS Mississippi Public Radio all have tD, Cue Paging, 57 kHz (in addition to tT, 67). Norver and McMartin radios filter out the data noise from 57, but the modified G-E Superadio does not. "These paging companies are pushing public stations, and especially public networks to get on them."  
 MS Heidelberg WEEZ 99.3 tU, 67  
 MS Jackson WMSI 102.9 tM, 67, but "they'd love to get rid of that" if it weren't for a contract with Muzak.  
 MS McComb WAKH 105.7 tU, 67  
 MS Utica WJXN-FM 92.9 tU, 67; its main carrier is simulcast on WJXN 1450 AM Jackson and WJNS-FM 92.1 Yazoo City, both now s[oul]  
 MS Vicksburg WSTZ 106.7 no SCS, had tX, 67; "lost its tower to an ice storm two years ago. New tower rebuilt, and was briefly with telemetry after that," but no SCActivity since.  
 MO Joplin KKUZ 102.5 tR, 92 (tM, 67)  
 MO Kansas City KPRS 103.3 remove tQ from its 67 kHz listing

MO Webb City KIXQ 93.9 tU, 92; no 67  
 NJ Camden-Philadelphia PA WKDN \*106.9 tE, 92, Hatian French, relayed from WFME \*94.7 Newark  
 SC Greenville WFBC-FM 93.7 tB, 92, "Talknet" network relay, with mention of 1-800-743-8000; retains tM, 67  
 VA Luray WLCC 105.7 (having moved from 106.3), tU, 67. "Send us your Elf-1 Adapter (to put in a G-E Superadio). Churchville is anxious for us to move so they can improve" to a C3. SCS is for their telemetry, since the on-air monitor was down. WLCC remains \$, r, Class A.  
 WI Eau Claire WBIZ 100.7 still tS, 67, and heard one night carrying the audio of KSTP-TV, ch. 5, St. Paul MN, up until about 10:30 p.m.  
 WI Green Bay WQLH 98.5 tU, 92 (tM, 67)  
 TV-VBI for the hearing impaired—Oct. 16, 1990, President Bush signed into law the Television Decoder Circuitry Act, requiring TV sets 13" or larger diagonal measure, to contain caption decoding circuitry by July, 1993. Rather than have this built in, some in the industry are working to have the law changed so that a so-called "multiPort" would be added to a TV or VCR, into which a decoder (or other function) box could be plugged in. Advocates for the hearing impaired, however, want the decoder circuitry built in as the law now stands.

**NonIDs, Not Just Slogans**

*Mentioned usually without call letters; "strict" if a station only uses call letters once per hour as required by the FCC (at or near the top of the hour)*

AR Sheridan KXIX 102.9 Kix-103 [100"]  
 FL Port Charlotte WEEJ 100.1 Coast (from "J-IL De Kalb WDKB 94.9 B-95  
 MA Boston WZOU 94.5 Mix 94.5 (from "Z-94")  
 MI Grand Rapids WLAV-FM 96.9 still LAV-FM and rp, but fires Tim Steele, morning show host after 14 years due to poor ratings. Still album-oriented rock, but now "more adult."  
 MI St. Johns WGOR 92.1 Mix 92.1 (ex-"The Ape")  
 MS Hattiesburg WHSY-FM 104.5 Mix-104 [Power-95]  
 NY New York WPLJ 95.5 95.5 PLJ (unplugging/  
 TN Graysville WAYB 95.7 Way FM, ID with Dayton  
 TN Nashville WZEZ 92.9 Lite FM 92.9 (from "Lite 93")  
 TX Austin KVET-FM 98.1 Country K-98  
 TX Brownsville KRGY 99.5 back to Energy 99 (from "Energy 99.5") and again giving its ID with Harlingen-McAllen [ia from its ID  
 TX Fairfield KNES 92.1 Texas 92, dropping Mex-/  
 TX Houston KHMx 96.5 "does not have an identity crisis. They are always 'Mix 96.5' [except at :35 and on the hour when they use] this curious ID: 'KHMx Houston is K-Mix, Mix 96'. Except for those five seconds, every other reference is to 'Mix 96.5'."  
 TX Palestine KLLS 96.7 Star 96 (from "FM 96")  
 KYYK 98.3 no "Kick FM," always using calls  
 TX San Antonio KSAQ 96.1 96-Rock (from "Q-96") [(from "Key 103")  
 TX San Marcos KEYI-FM 103.5 Key 103.5/  
 TX Uvalde KLXQ 102.3 Q-102  
 TX Victoria KZEU 107.9 Kicks 108, still k [Lite"]  
 UT Price KPRQ 100.9 Q-101  
 AB Edmonton CKRA 96.3 Lite 96 (from "96 K-ON Smiths Falls CHEQ 101.1 Q-Country (from "Q-101")

Also, from TN, WWTN 99.7 Manchester, now monophonic, is "The Informer." This station's consultant, Capstar Communications, is being sued by WSM-FM, charging violation of FCC rules regarding station management and ownership. Capstar owns WSIX-FM Nashville and is involved with WRMX 96.3 in a consulting arrangement, covering sales. CSB Communications, licensee of WMJW near Jackson MS, faces a similar action in a situation where Capstar station WJDS AM is being simulcast on WJDX FM. The WSM [Nashville] petition asks the FCC for a ruling on legality of the various agreements. "The FCC should uphold the rules to preserve a level playing field for all stations," WSM's parent company, Opryland USA, said in a news release. The WSM petition charges that Capstar has set out "to clearly deceive the Commission and subvert the enforcement of its rules and policies." Says WSM-FM's Tom Bryan "There are plenty of actions involving absentee ownership, but this is different insofar as the absentee owners have contracted with a local licensee to conduct the business of four different operations (including the primary licensee, WSIX-FM)."

**Multi-City IDs in Use**

IL Shelbyville WEJT 105.1 with Mattoon  
 PA Summerdale WJAZ \*91.7, ID with Harrisburg, \$, j, came on air Jan. 10  
 SC Conway WYAV 104.1 with Florence-Myrtle Beach "The FM Atlas is indispensable!"  
 "Your new catalog arrived and looks good. It's too bad the new Elf-III doesn't have muting!"  
 "I've moved across the country and am not actively selling books, therefore I'm not renewing FMEDIA! or ordering a new FM Atlas," writes Natalie McClendon, who used to be publisher of the public radio directory, "Go Public."

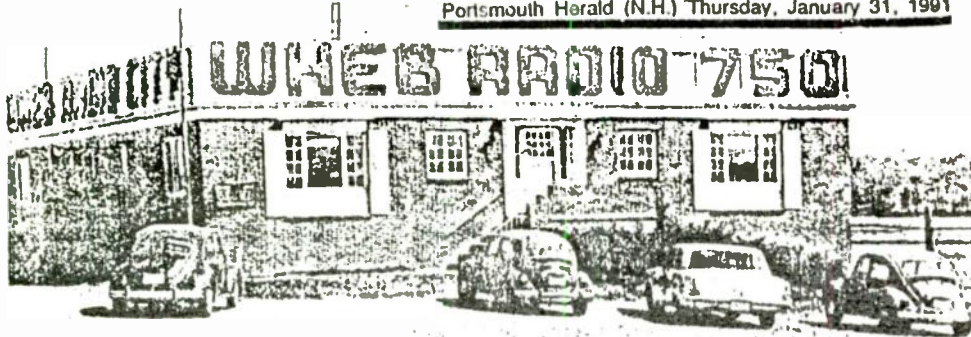
**AM Happenings Most Likely Caused by FM** [on 95.9

CO Leadville KRMH 1230 silent, along with its FM/ GA Augusta AM frequencies 990, 1230, 1300 and 141480 still silent. "Augusta suffers from very poor ground conductivity which may account for the high deathrate among AMers. 1550 WFXA (AM) dropped Business Radio Network and WNTA call letters and format in October, 1990. Back to simulcasting WFXA 103.1. 1310 WBRO Waynesboro GA is back on the air daytime playing an urban/black-oriented format.  
 KS Salina KFRM 550 granted a waiver of the FCC multiple ownership rules to be run by Great America Broadcasting, owner of KWHK 1260 Hutchinson, an whose signals overlap. KWHK has been on the market and has not found a buyer. Under terms of the waiver Great American has 12 months to sell KWHK, and must operate the two AMs independently in the meantime.  
 ME Bangor WABI 910 goes big bands (Unistar). "On AM radio, the music has got to be something missing in the market. You can't bang heads with FM in the same format."  
 MD Gaithersburg (Washington DC) WMET 1150 to rebroadcast WPGC 1580 Morningside MD much of the day and 100% from 5 p.m. to 5 a.m.  
 MA Boston WMEX 1150 dumps business/talk and simulcasts WJMX 106.7. "We couldn't even get banking community to support WMEX any more because it's going under too [and] advertisers are

very leery these days to take chances on a station without a proven format." MA Worcester WFTQ 1440 fulltime lays off 10, simulcasts with co-owned WAAF 107.3. WFTQ's ratings in recent years had been up and down "like a roller coaster," and its losses reflect a "national trend away from AM radio, especially by younger listeners. . . What's happening to WFTQ is much bigger than Worcester. It's bigger than New England. It's happening in the whole country. AM radio is facing serious challenges in every market in the country." The station rejected alternative programming, and just decided to cut its losses. MI Grand Rapids WLAV 1340 drops SMN's "Kool Gold" oldies format (developed by WLAV's parent company, Adams Communications) for a simulcast of WLAV-FM's AOR format. Station manager admitted to local paper that WLAV-AM's audience was completely taken away by WODJ 107.3's oldies format. Ironically, rumors have WLAV-FM changing to oldies by spring if it cannot improve its ratings, which have been hurt by WKLO 94.5's switch to AOR last summer. MN Duluth WEBC 560 with talk, lays off sports commentator Tim Moreland. "I was the first of the new budget cutbacks. There may be more, who knows?" MN Minneapolis WWTC 1280 "kids radio," trying to appeal to children 12 and under, "and their parents." Calling self "Radio Aahs." This station has tried many formats since the days when it was WTCN, including weather radio, a short-lived relaying of NWS and its own reports, including digital data to computers, sent out in short bursts. NH Portsmouth WHEB 750 AM, 1000-watt stereo daytimer, leaves the air permanently,

NC Jacksonville WLAS 910 silent  
 SC Abbeville WABV 1590 back on air. "This small town also supports Z-93; two distinct companies."  
 SC Burnetown WKRU 1510 now with satellite-delivered oldies, having given up on religious (USA Network) format. [Lawrenceburg, Tennessee]  
 TN Columbia WCMG 910 "silent pending move" from/  
 TN Nashville WSIX 980 temporarily simulcasting WSIX-FM 97.9; sale of AM pending to Bible Broadcasting Network.  
 TN Smyrna WKXB 710 off the air, but expected back on air when new FM station on 94.1 comes on the air—target date was last month.  
 TX Beeville KACO 1090 silent; had been talk.  
 VA Norfolk WZAM 1110, a daytimer with a Christian format, fined \$7,900 for multiple FCC rules' violations, including failure to discontinue operation at sundown, transmitting an unmodulated carrier signal after sign off, operating a d-a without FCC permission, failure to cease operation by remote control within three hours after a malfunction in the remote control system was detected. "The station had no means of controlling the transmitter power or turning it off in the event of an emergency," its EBS equipment was inoperative, and there were no indications that EBS tests had ever been conducted. Other violations included failure to post the station license, failure to designate a chief operator, failure to observe tower lights at least once each 24 hours, failure to report tower light top beacon outage to the FCC, and failure to maintain a complete public records file.  
 VA Warrenton WPRW 1460 silent  
 WA Tacoma KTAC 850 goes b, simulcasting KBRD 103.7, leaving Tacoma with no independently programmed commercial station with studios in that city.  
 WV Moundsville WQPN 1370 silent  
 PQ Laval (Montreal) CKLM 1570 silent  
 "I enjoy your monthly newsletter a great deal and wish to continue receiving it without delay. I also enjoy your FM Atlas book very much and would appreciate it if you could let me know when the 14th edition is available."

Portsmouth Herald (N.H.) Thursday, January 31, 1991



Undated Herald file photo

WHEB's facilities as they looked in the 1960s, when AM ruled the radio dial.

after three years simulcasting 100.3 FM. The station was founded in 1932 as a Christian station, nonprofit, and was bought by former NH Governor Charles M. Dale in 1944, when it was sold to Norman Knight in 1958, where for many years it was the dominant radio station for its area. No effort was made to sell the station because "there's no market for an AM daytimer. Once an AM station goes into a decline, it's very, very difficult to bring it back." While operating costs as a simulcaster were minimal, equipment replacement costs would soon demand considerable funds, which "we chose not to incur. We'd rather put our money into the FM."

**FM Rulemakings Proposed**

First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed.

- CA Greenfield KQKZ 107.9A seeks move to Del Rey Oaks, Mar. 28, Apr. 12 [Headland AL, Apr. 8, May 23
- FL Chattahoochee WUMG 105.3A seeks move to/
- IL Hamilton 103.1B counterproposal
- IA Eagle Grove 100.7C3, Mar. 15, Apr. 1
- LA Richwood 100.9A, Mar. 22, Apr. 8 [proposal
- MN Thief River Falls 99.3C2 for A, KKDQ counter-/
- MS Oxford 93.7A from 107.1A, WKLJ, Mar. 22, Apr. 8
- NM Socorro 92.9A, Mar. 22, Apr. 8
- OR Reedsport 99.5A, Mar. 15, Apr. 1

SD Canton KIXS 102.5C2 for A, Apr. 8, 23  
 VA Appomattox WZST 102.7C1 for B, Mar. 22, Apr. 8

**FM Rulemakings Finalized**

- Dates are when FCC filing windows are open*
- AK Nome 96.1A, Mar. 12-Apr. 11
  - AR Van Buren KLSZ-FM 102.7C2 for 102.3A
  - AR Sherwood 102.1A, Feb. 6-Mar. 13
  - FL Gretna WGWD 93.3A from 100.7A
  - FL Marianna (new) 94.1A for 93.3A
  - FL Quincy 100.7A from 102.7A
  - FL Tallahassee WUMX 103.1C2 for A
  - FL Zolfo Springs 106.9A, Apr. 2-May 2
  - GA Americus WPUR 98.7A from 97.7A
  - GA Crawford WGMG 102.1C3 from A
  - GA Dock Junction WXMK 105.9C3 from A
  - GA Fort Valley WKXK 97.9C3 from A
  - GA Smithville 106.9A, Apr. 2-May 2
  - IL Mount Morris 95.7A, Feb. 6-Mar. 13
  - IA Grinnell 106.7A, Feb. 6-Mar. 13
  - IA Keokuk KOKX-FM 95.3C1 from A, not moving to 96.3 [95.3A
  - IA Washington KCII-FM to 106.1A from/
  - IA Winterset KTDG 99.5C3 from A
  - KY Clearwater 98.7A, Mar. 12-Apr. 11
  - KY Cave City WHHT 103.7C3 from 106.7A
  - ME Dexter WGUY 102.1C2 from A
  - ME Howland WPVM 103.9C from A
  - ME Searsport 101.7A, Apr. 2-May 2
  - MD Oakland WXIE 92.3A from 92.1A
  - MI Grand Rapids W 98.7A from 98.9A
  - MS Baldwin WESE 92.5A from 95.9A
  - MO Asbury 103.5A, Mar. 12-Apr. 11
  - MO Campbell KIKJ 107.5C3 from A
  - MO Sikeston KSTG 97.9C3 from 97.7A
  - MT Laurel 101.7C, Mar. 19-Apr. 18
  - NV Gardnerville KGVN 99.1C3 for 99.3A
  - NM Clovis 102.3C3, Mar. 11-Apr. 10
  - NY Saugerties 92.9A, Apr. 2-May 2
  - NC Edenton WZBO-FM 102.5C2 for 102.3A
  - NC Scotland Neck WVRT 95.5A for 102.7A
  - NY Fort Ann dismissed 98.5A bid
  - NH Woodsville dismissed 97.7 bid
  - OK Tishomingo KTSH 99.7C3 from 106.3A
  - SD Canton KIXS 102.7A from 102.5A—see above, may not move to 102.7 after all
  - SC Georgetown dismissed WBPR's bid to move from 97.7C2 there to Myrtle Beach
  - UT Centerville KBCK 105.7C from C1
  - VA Lynchburg WGOL 97.9C3 from 98.3A
  - WI Bloomer WPHQ 95.1C3 from A
  - WI Wisconsin Dells WNNO-FM 106.9A from 107.1A

**NAB Endorses Eureka DAB Technology**

The Radio Board of the National Association of Broadcasters officially endorsed the Eureka 147 technology for terrestrial digital audio broadcasting (DAB) in February. Radio Board Chairman David Hicks called the decision "a historic day for radio." This decision means NAB will try to spearhead the adoption of the Eureka as a U. S. terrestrial standard. Of course, the NAB opposes any use of DAB for satellite "super stations." Despite charges the NAB has a financial interest in the Eureka system, the board feels time is of the essence, since spectrum demands of other countries and satellite DAB proposals are rearing their to-some ugly heads. The NAB contends that Eureka is the fastest way to achieve an all-industry standard. "We need to avoid AM stereo-like situations."

**Radar: 96% of U. S. Listens to Radio Each Week**

As follow-up to the report summarized in January (p. 6, col. 3), is the finding that 96% of the population 12+, or nearly 194 million people, listen to radio in an average week. The highest AM listening is among those 55 and over; 72 percent of those listen to AM, but not AM exclusively. About 33 percent listen to both AM and FM, 10 percent no radio listening and about the same percentage (28) either AM or FM exclusively. Thus, even among the age group where AM has had its greatest lead, listenership to AM and FM is now about equal.

final resting place," Le Bow mused. To purchase the three one-hour cassettes, the cost is \$19.95 plus \$2 shipping and handling from (617) 498-9777. Le Bow, at last report, was getting a little testy about the calls, letters and petitions his new "soft jazz" station keeps getting from former WJIB fans who want to save their former easy listening station (and fans who presumably aren't happy with buying and playing tape cassettes). "I'm sick of the old fans wasting their time," Le Bow said. "I just wish people would understand the realities of this business. We're getting much better ratings now. Tell those people [to] forget about bringing WJIB back to this station."

listeners to buy or rent the equipment—this in a country having very little over-the-air FM broadcasting on a truncated FM band. Top frequency of the service will be 15 kHz and dynamic range of 80 dB, "not quite CD quality," according to *Broadcast Technology* magazine. That magazine reported on the need for a dance music station in Toronto, reporting ads on WMJQ 102.5 Buffalo NY from Toronto: Hamilton, St. Catharines and Niagara border communities. "The signal isn't even very strong in Toronto area. And the station has no chance or other regulations to contend with either."

The FCC reduced the fine against WXTR 104.1 Waldorf MD and its AM from \$10,000 to \$7500 for rules violations concerning main studio, program origination and public files.

WSGY 100.3 Tifton GA and its AM given short term license renewals and fined \$10,000 because of an inadequate EEO showing.

The FCC warns FM stations to be careful of overmodulation, whether using new or old gear.

Stations in major markets might well emulate what WGN (AM) Chicago is doing—starting a 1-900 service for reporting on emergency closings. Schools and businesses make one toll-free call into the facility to have their closing information relayed to subscriber radio and TV stations; another 900 number can be used, to the tune of 95 cents for one minute directly by listeners. Infolo Line Technology is planning to offer the system in other markets subject to inclement weather across the country next year.

Quotable: "Double sideband amplitude modulation is wasteful of power and spectrum. Yet it makes possible an inexpensive receiver, made possible the crystal radio. The radio business was launched on a technical tradeoff. Without it, we might have seen much slower growth. To this day, however, we pay the price in excessive power and bandwidth consumption." Walter Ciciora, VP-Technology, American Television and Communications.

From the classifieds: Station manager KDL \*91.9 Durango CO, Fort Lewis College, B.A. and two years high-level experience at a station, knowledge of FCC rules, \$22,000 plus benefit Resume, supporting materials and three references to David Eppich, Dir. of Student Activities, 115 College Union Bldg., Fort Lewis College, Durango CO 81301, by March 18, 1991. EOE

McIntosh MR 77 FM stereo tuner, excellent condition, \$450. G. Gabriele, WFOG, 215 Brooke, Norfolk VA 23510; (804) 622-6777

For sale Realistic STA-460 stereo receiver with built in FM-SCA and two Realistic bookshelf speakers, Cat. No. 40-222, all bought new in 1988. Asking \$160 for all, including shipping U. S. postal money order. Harold Josse 620 Grove Ave., Zanesville OH 43701-5835; (614) 452-3209. Used by this blind person less than two weeks. "I put it back in the box as I don't care for anything on FM or 67 kHz SCA"

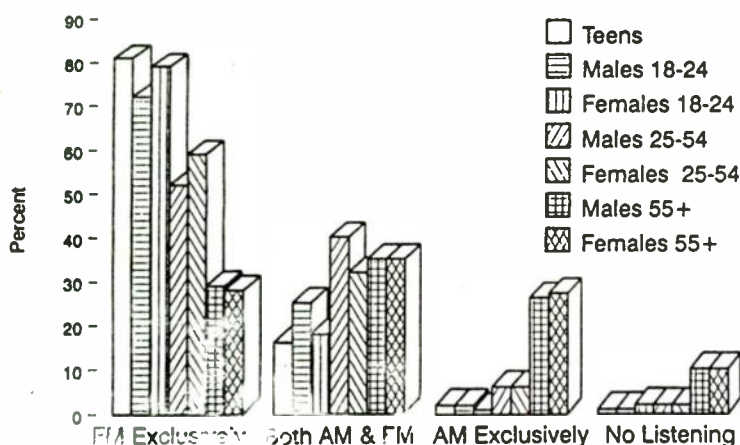
**FM FORUM—CONTRIBUTIONS FROM READERS**

Because of a printer failure, Doc Searls' comments left over from last month will be saved for April. This edition is being typed manually until both printers can be restored.

"NPR's reportage of the Gulf War is pathetic—heavily slanted on the pacifists' side, spotlighting every peacenik and left-winger, emphasizing the peripheral and whatever makes the U.S. look bad," says Mike Dorner. "It should be 'Iraqi Public Radio'. I will not support financially my local NPR outlet—or any other."

Here in MN, Minnesota Public Radio took over WLOL 99.5 Minneapolis Feb. 27, with classical music. Same format is still on \*91.1 (see call letters, above). Muzak remains on 99.67 kHz SCS. *Bruce Sherry*

**Weekly Reach of Radio by Band**



These figures are from RADAR 1/2 published by Statistical Research, Inc. during the period November, 1989, through October, 1990.

**Cassette Listening: The New Way to Hear Beautiful Music Stations**

For those missing beautiful music, now that the format's disappeared from the air in many markets, the answer may be in the lowly stereo cassette. Idea is that of Carson Radio Services in North Kingston RI. The firm provides music tapes for nearly 20 beautiful music stations across the country, and is starting direct marketing to consumers. Paul Temple of Carson said, "We had the music here already. The problem was getting the rights to the various songs and artists so we could put them on tape." The company was eventually able to get those rights and begin distributing the cassettes when WLKW in Providence changed formats. When WJIB 96.9 Boston changed, the company decided to expand into that market. Temple feels the tapes could succeed throughout the country, especially in markets without an easy listening station. "I think it's great that easy listening has found a home most appropriate for it," said WCDJ (formerly WJIB) general manager David LeBow. "Maybe in a sense, easy listening has found its

**Other Small-Print Happenings and FM Industry News**

FM in New Zealand is going forward, with the NZ government recently giving the Christian Broadcasting Association (NZ), Ltd. the go-ahead to build a 50 kw station on 91.8 mhz, to be known as "92 FM Auckland," and with a potential audience of 1.25 million people. The station will cost \$500,000 NZ and expected on air shortly; plans are for another seven stations.

KJTY \*88.1 Topeka KS just conducted its most successful sharathon ever. The station budget of \$216,000 was exceeded by \$23,000. The extra money will be pledged for a building expansion project.

KTSY \*89.5 Caldwell ID recently completed its first fundraiser after only eight weeks on the air, snaring \$100,000 from 900 pledgers, exceeding the \$40,000 goal.

An FM station tower has been declared a hazard to air navigation. A plane clipped a guy wire to the tower of WMBV \*91.9 Dixons Mills AL. The air force has agreed to pay \$3,000 in damages, and is advising pilots to stay away from that area.

KSHE 94.7 Crestwood MO may be hit with a \$25,000 fine as the result of a d-j, John Ulett, faking a war story with a false EBS test during the Persian Gulf war.

Besides the fighting about lease arrangements in Nashville TN and Jackson MS (see p. 5, col. 3), the St. Louis simulcast of WSNL 101.1 E. St. Louis and KSTZ 105.7 Ste. Genevieve MO may be challenged. If this happens, watch for all such lease arrangements in programming and ad selling to face challenges.

Satellite-delivered digital radio is slated to start in Japan early this year. Satellite Digital Audio Broadcasting will be offering direct broadcast satellite radio soon, but the signal will be scrambled, forcing

# FMedia!

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A NEWSLETTER OF FACT AND OPINION ABOUT  
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Volume 5, Number 4—April, 1991

## New FM Station, Translator Grants

CA Lucerne Valley 106.5 150 watts horizontal and vertical; 331 meters above average terrain, RASA Communications Corp.  
CA Redlands KCAL-FM2 96.7 (50-w in-town booster of Redlands station)  
CO Leadville K206AZ \*89.1 (KLWB1 91.1 Morrison CO translator)  
FL Leesburg W208AJ \*89.5 (WHIJ 88.1 Ocala)  
GA Evans \*92.3 3000 h,v; 100 m, g, Bible Bcstg. Network [Bullie Bcstg. Corp.  
GA Hinesville 104.7 3000 h,v; 100 m./  
GA Macon 92.3 3000 h,v; 100 m, M. Radio Associates [T. W. Lawthorne  
GA Sylvester 102.1 3000 h,v; 100 m./  
ID Sun Valley \*91.9 100 watts h,v; -156 m, MN Public Radio [A. Dixon  
IN Syracuse 103.5 3000 h,v; 100 m, Wm./  
IA Des Moines K288DX \*105.5 (KNWS-FM 101.9 Waterloo); on air; "It is stereo."  
KS Topeka 92.5 3000 h,v; 100 m, Margaret Escriva [R. Tanger  
ME Kennebunk 99.3 3000 h,v; 75 m, Brenda/  
MN Alexandria K215BL \*90.9 (KSJR 90.1 Collegeville) [Rogers Bcstg.  
MN St. James 100.5 50000 h,v; 150 m./  
MS Columbus W207AQ \*89.3 (WMBI-FM 90.1 Chicago IL, via satellite)  
MS Tupelo \*88.3 50000 vertical only; 150 m, d-a (directional antenna), Dan Wilmon's American Family Association  
MO Lutesville 105.1 1800 h,v; 130 m, L. Bcstg.  
MT Great Falls 107.3 100000 h,v; 305 m, R. M. Mason (see also "Deletions," below)  
NJ Berlin \*88.1 1 watt horizontal, 120 watts vertical, 100 m, NJ Public Broadcasting Authority [m, NJPBA  
NJ Trenton \*88.1 15 watts vertical only; 240/  
NM Raton W219BQ \*91.7 (WMBI-FM 90.1 Chicago IL) [Mary Moran  
NM Roswell 104.7 50000 h,v; 150 m./  
NY Canton 101.5 2400 h,v; 111 m, the Buttons  
NC Hamlet 104.3 3000 h,v; 100 m, Sherrill Jackson [Ferguson Radio  
NC Jacksonville 92.3 50000 h,v; 150 m./  
OK Alva 104.7 100000 h,v; 299 m, Lucille Ann Lacy [pj and "variety"  
OR Eagle Point KEPO \*92.1 14 watts h, 10 m./  
OR Florence K202BQ \*88.3 (KWAX 91.1 Eugene) [of Medford station)  
OR Grants Pass KOPE-1 103.5 (20-w booster/  
OR Harbeck-Fruitdale (9 km WNW Grants Pass; station to use transmitting site of KFMJ 96.9 Grants Pass) 98.3 60 watts h,v; 639 m, Grants Pass Broadcasting Corp. [Lewisburg)  
PA Catawissa W207AS \*89.3 (WGRC 91.3/  
PA Covington (Mansfield) 101.5 2000 h,v; 172

m, Kennedy Bcstg. [Burckhalter-Merriethw  
SC Johnsonville 105.1 3000 h,v; 100 m./  
TN Celina 101.5 6000 h,v; 100 m, Reginal Bcstg.  
TN Dickson 93.7 3000 h,v; 100 m, Edmission/  
Eubank Communications  
TX Cleveland 97.1 100000 h,v; 299 m, TX Classical Radio, Inc. [Beaumont)  
TX Jasper K220DJ \*91.9 (KVLU 91.3/  
TX Raymondville 105.7 310 h,v; 243 m, Lucille Ann Lacy [ity Radio, Inc.  
TX Santa Fe \*90.5 5000 h,v; 182 m, Commu-/  
WI Waunakee (Madison) 105.1 3000 h,v; 100 m, Dale A. Ganske  
WY Buffalo K220DK \*91.9 (KEMC 91.7 Billings)  
AB Drumheller 94.5 10 watts vertical, t format, a tourist information station, Big Country Tourist Association  
BC Hudson's Hope (not Hope BC) CKNL- 106.1 10 h, relaying a Fort St. John station  
SK Lampman 97.1 CFMI-1, rp, 1-w relay of New Westminster BC station via satellite Pirate Station On Air  
MA Springfield "WBRO" 99.7, k and bluegrass, Mutual news, sounds "very professional"

## Call Letters Assigned or Changed

AL Eufaula 97.9 WDMT  
AL Georgiana 107.7 WZQD  
AZ Globe 100.3 KGRX (KZEW), "Z-Rock"  
AZ Holbrook 92.1 KZUA  
AZ Yuma \*88.1 KCFY (from KZPL)  
AR Ashdown 103.9 KHSP-FM (KTFS-FM; AM is in Texarkana TX)  
AR El Dorado 95.9 KBLT (K1XK), mr  
AR Fort Smith KBBQ-FM (KBBQ; AM is in Santa Barbara CA) 100.7 (from 100.9), 25000 h,v; 213 m, C2  
AR Hot Springs 96.7 KBMB (KBHS-FM)  
CA Fresno 93.7 KSXS (KFYE), r (CHR), "Kiss"  
CA Gilroy 94.5 KUFY (KWSS), op, classic rock, "The Fox," facilities to 1200 h,v; 773 m  
CA Pleasanton 104.5 KFOG-1 (from KFOG-3)  
CA Red Bluff 102.7 KFYS (KDJQ)  
CA Sacramento 92.5 KGBY (KAER), rm, "Y-92" [o, "personality oldies"  
CA San Francisco 99.7 KFRC-FM (KXXX-FM),/  
CA South Oroville 104.9 KYIX  
CO Craig \*90.9 K215BS (K215BA)  
CO Steamboat Springs \*89.3 K207BE (K207AD)  
FL Lecanto \*88.3 WZQF  
FL Panama City \*89.3 WRSG  
FL Vero Beach 103.7 WQOL (WCXL)  
GA Cairo 102.3 WSLE (WOBW)  
GA Thomasville 107.1 WSTT"-FM" (WSTT-FM; AM gets new calls)  
HI Kahala'u 106.1 KLEO  
ID Jerome 102.9 KZRT (KFMA)  
IL Carterville 95.1 WYGF  
IL Chillicothe 94.3 WQEZ (WBZM)  
IL East St. Louis 101.1 WFXX (WSNL), "The Fox," leased by KFXX Ste. Genevieve MO, and will simulcast  
IL Lansing 106.3 WJPC-FM (WLNR), "J-106" (strict), simulcasting AM 950 in Chicago, which is never mentioned on the air, except at legal ID time  
IL Newton 106.9 WIKK  
KS Hutchinson \*91.7 KYIZ  
KY Cadiz 106.3 WKDZ-FM (WBZD)  
KY Glasgow 105.5 WWWQ (WOVO)  
KY London 92.5 WYGE  
KY Shepherdsville 105.1 WWQE  
KY Wickliffe 95.9 WGKY (WYMC-FM)  
MA Boston 98.5 WBMX (WBMX-FM; AM in Zeel and MI gets new calls)  
MI Petoskey 98.9 WKLZ (WJML-FM), r, parallel to WKLT-FM 97.5 Kalaska (see also "AM Happenings," below)  
MI Whitehall 97.5 WPBK-FM  
MN Minneapolis \*99.5 KSJN (KSJN-FM)  
MN Moorhead \*90.3 KYIY  
MN St. Paul \*91.1 KNOW-FM (KNOW AM continues on air, but for sale), nt, mono. "We will never be stereo, even for the weekly Garrison Keillor rebroadcast. It has to do with the switching—too difficult for us to do."  
MO Ste. Genevieve 105.7 KFXX (KSTZ), rm, "The Fox," simulcasting with WFXX 101.1 East St. Louis IL  
NH Lisbon 96.7 WLTV-FM (AM is in Littleton)  
NJ Asbury Park \*88.1 WYGG  
NM Albuquerque 107.9 KAMX-FM (KFMG), "Mix 107.9" (r)  
NY Canandaigua \*88.9 WCIY  
NY Catskill \*90.7 W214AM, trying to serve Albany, but with some interference from low-power WCDB \*90.9 Albany  
NY Copenhagen 106.7 WZQC  
NY Monroe \*89.3 WLJP  
OH Ada \*94.9 WONB  
OH Fort Shawnee 107.5 WBUK (WFSO)  
OH Marysville 105.7 WWHT (WNRJ)  
OH Mount Gilead 95.1 WOHO  
OK Miami 100.9 KGLC (KSSM)  
OK Muskogee 97.1 KMMY (KKWK)  
OK Wilburton 103.7 KZUD  
OR Banks 107.5 KDBX [-FM), r  
SC Hilton Head Island 106.1 WFXH (WHHR-/  
SC Murrells Inlet 94.5 WKOA  
SC Socastee 99.5 WMYB  
TN Huntingdon 93.7 WTKB (WBVD)  
TN Nashville 97.9 WSIX"-FM" (WSIX-FM; AM gets new calls)

TX Corpus Christi 94.7 KBSO  
 TX El Paso 94.7 KAMA-FM (KLTO)  
 TX Jacksonville 102.5 KSIZ  
 TX Mission 105.5 KVTY (KDOV calls not available)  
 TX Tahoka 95.3 KZUB  
 UT St. George 99.7 KONY  
 VT Morrisville 93.9 WLVB  
 VA Lebanon 107.3 WXLQ  
 WA Ellensburg \*90.7 KZUC  
 PQ Maria 101.7 CHRZ, facilities change from 93.1; 10 h

**Facilities Changes Granted**

AL Cordova WFFN 95.3 d-a  
 AL Fairhope WZEW 92.1 25000 h,v (88 m), C3  
 AL Linden WDAL 98.5 100000 h,v; 249 m, C1  
 AL Tuscaloosa WTUG 92.9 100000 h,v (299 m), having moved from 92.7  
 AK Kenai KWHQ 100.1 25000 h,v; 56 m, C3  
 AR Morrilton KVOM-FM 107.1 6000 h,v (69 m)  
 AR Russellville KCJC 100.9 6000 h,v (91 m)  
 CA Bakersfield KIWI 92.1 6000 h,v (50 m)  
 CA Delano KDNO 98.5 125 m (50000 h,v); CP for 152 m forfeited  
 CA Rio Vista KRVH \*101.5 failed to file for license to move from 90.9, but is on 101.5  
 CA Turlock KCSS \*91.9 10 w/h; CP for 150 h,v forfeited  
 CA Twain Harte KKBN 93.5 230 h,v (497 m)  
 CA Ventura KBBY 95.1 10800 h,v; 282 m  
 CO Alamosa KASF \*90.9 10 h, CP for 3000 h,v forfeited [v; 626 m  
 CO Colorado Springs KEPC \*90.5 300 h, 1200/  
 CO Denver KVOD 99.5 85 m (100000 h,v); CP for 400 m forfeited [for 265 m cancelled  
 CT Hartford WZMX 93.7 21000h,v; 238 m; CP/  
 DC Washington WRQX 107.3 34000 h,v; 184 m  
 FL Homosassa Springs WXCX 95.3 3000 h,v; 79 m; CP for 104 m forfeited  
 FL La Belle WKZY 92.5 (from 92.1) 6000 h,v; 100 m, on air on 92.5 [h,v), C1  
 FL Leesburg WXXL 106.7 251 m (100000/  
 GA Hinesville WSKX 92.3 (from 92.1) 50000 h,v; 147 m, C2 [for 58000 h,v forfeited  
 ID Boise KQFC 97.9 47000 h,v (762 m); CP/  
 ID Sun Valley K205BW \*88.9 to relay KNOW-FM 91.1 St. Paul (not KSJN 99.5)  
 IL Dundee WABT 103.9 2600 h,v; 98 m  
 IL Normal WIHN 96.7 3900 h,v; 125 m  
 IN Brookston WKJM 95.3 (changing city of license from Monticello—moving closer to Lafayette)  
 IA Boone KWBG-FM 98.3 12600 h,v; 143 m, C3  
 IA Ottumwa KTWA 92.7 25000 h,v; 97 m, C3  
 KS Concordia KCKS 95.3 3000 hg,v; 49 m; CP for 101 m forfeited [102 m, C2  
 KS Wichita KZZD \*90.7 25000 h, 23000 v;/  
 KY Brandenburg WMMG-FM 93.5 3400 h,v (88 m) [94 m (25000 h,v)  
 LA Galliano KBAU 94.3/ [100 m forfeited  
 LA Leesville KJAE 92.7 51 m (3000 h,v); CP for/  
 LA Many KWLX 107.1 25000 h,v; 77 m, C3  
 ME Standish WSJB \*91.5 (move from North Windham ME)  
 MD Frostburg WFRB-FM 105.3 262 m (16500 h,v); CP for 293 m forfeited  
 MI Detroit WMXD 92.3 230 d-a (21500 h,v)  
 MI Marshall WELL 104.9 6000 h,v (91 m)

MI Portage WUBU 96.5 3100 h,v; 66 m, s[oul], heard testing  
 MN Morris K201BX \*88.1 (from K257AH 99.3)  
 MN Rochester KWWK 96.5 42700 h,v; 161 m  
 MN St. Louis Park KDXL \*106.7 has not applied for license for move from 91.7, but remains on 106.7. "It's on every day 5 p.m. to 11 p.m., but keeps its carrier on 24 hours a day."  
 MS Indianola WNLA-FM 105.5 59 m (3000 h); CP for 58 m with vertical polarization forfeited  
 MO Birch Tree KBMV-FM 107.1 3000 h,v; 91 m; CP for 109 m forfeited [m, d-a  
 MO Kansas City KLJC \*88.5 100000 h,v; 227/  
 MO Kirksville (new) 107.9 299 m (100000 h,v)  
 MO Parkville KGSP \*92.3 CP for move from 90.3 forfeited, but expected to remain on 92.3  
 MO Warsaw KAYQ 97.7 3900 h,v (73 m)  
 MT Missoula KUFM \*89.1 14300 h,v; 765 m; CP for 32000 h,v forfeited  
 NE Croukston KINI \*96.1 57000 h,v; 152 m; CP



for 307 m forfeited  
 NH Exeter WERZ 107.1 5200 h,v (107 m)  
 NH Nashua WHOB 106.3 1000 h,v; 165 m  
 NJ Newark WNWK 105.9 (move to Jersey City remanded to FCC). Comserv Broadcast Group strives to retain its interim license. Change WNWK's listings on pp. 16, 17 and 183 in the "FM Atlas" to show Newark.  
 NJ Ocean Acres WQNJ 98.5 6000 h,v (100 m)  
 NY Albany WKLI 100.9 6000 h,v; 100 m, on air with 6 kw [m, d-a  
 NY Poughkeepsie WVKR \*91.3 3700 h,v; 250/  
 NY Sodus WNNR 103.5 (from 105.3)  
 NY Utica WPNR \*90.7 -45 m (430 h)  
 NC Durham WXDU \*88.7 1300 h,v, d-a; 90 m; CP for 1600 h,v forfeited  
 NCHickory WPAR \*88.1 (move from Claremont)  
 NC High Point WMAG 99.5 100000 h,v; 164 m, nondirectional  
 NC Hope Mills WCCG 104.5 (from 103.5), moving because of WRCC 103.5 Dunn  
 NC Reidsville WJMH 102.1 100000 h,v; 229 m, C1; CP for C status cancelled  
 NC Salisbury WNDN \*102.5 has failed to apply for license for move from 91.1, but believed to remain on 102.5  
 ND Grand Forks K285BG 104.9 (from K292DU 106.3). KFNW-FM wants to up its power and "do away with the translator altogether and serve the community directly. They are on 104.9 vertical polarized, directed NW-SE, 10 w [and] they have no plans to up their power, change their pattern or change their frequency. I cannot pick up their signal only 15 miles west, even with a sensitive receiver."  
 OH Dayton WGXM \*98.1 (from 97.3)  
 WWSN 107.7 128 m (50000 h,v); CP for 152 m forfeited

OH Fairfield WOFX 94.9 10700 h,v; 322 m  
 OH Ironton WMLV 107.1 38 m (3000 h,v); CP for 84 m forfeited  
 OH Westerville WBBY 103.9 2000 h,v; 110 m; CP for 2600 h,v forfeited  
 OK Atoka KHKC 103.1 3300 h,v (131 m)  
 PA Stroudsburg W242-- \*94.3 (from W216-- 91.1)  
 SC Florence WYNN-FM 106.3 1700 h,v; 160 m  
 SC Myrtle Beach WJYR 92.1 6000 h,v (91 m)  
 TX Midland K232BG 94.3 had KGEE 99.9 Monahans on it (not KRVL 94.3 Kerrville); but most recently reported to be off the air  
 VA Blacksburg WVVV 104.9 2700 h,v (94 m); CP for 3000 h,v forfeited  
 VA Front Royal WFTR-FM 95.3 4000 h,v (91 m)  
 VA Harrisonburg WZJM (not "WXJM" as announced by FCC) \*88.7 19 m (390 h), r, variety  
 VA Luray WYFT \*103.9 3300 h,v (91 m)  
 WV Princeton WKMY 10.9 630 h,v; 195 m; CP for 209 m forfeited  
 WI Sturgeon Bay WFNL 97.7 169 m (2000 h,v)

**Stereo—or to be Stereo**

AL Montgomery WLNE 96.1  
 IL Rockford WNIJ \*90.5, to be j, from same tower as WNIU \*89.5 De Kalb, and another applicant for \*88.3 in Rockford  
 MN Wabasha KQLW 102.5, ID with Lake City; "Power 96" (sic)  
 PA Philadelphia WHYY \*90.9, tc, opera Sundays and new age music in the early morning hours. "The stereo pilot is always on. I know it doesn't make much sense. . . They used to turn it off during talk programs but stopped this practice about five years ago."  
 PA Ridgebury WMKB 96.9, o. "I think it's stereo. My light comes on when I tune it in." Separately programmed from studios of WEHH AM Elmira Heights NY on tapes. It IDs simply as "WMKB Ridgebury."  
 TX Brenham KULF 94.1: "We have never had a cessation in stereo broadcasting. Your reader is in error." Yes, "KQLF sounds stereo to me. . . on my home and car stereos."  
 TX Huntsville KSHU \*90.5: "All music is stereo. Many PSAs and news is, of course, monaural. . . I resent your accusation and hope the rest of your publication is not based on hearsay." Has vertical polarization, but another reporter says: "I really can't pick them up. I'm more apt to get KUT Austin. I wonder if they're really 3000 watts. I get KHUN 101.7 Huntsville, but not them. With that nasty response they sent back to you, I won't bother 'accusing' them of that!"  
 TX Victoria KAMV 92.3 satellite rm, "K-Lite." See "Off Air," below for news of its competitor.  
 VA Churchville WBOP 106.3, o [dies]  
 VA Staunton WBOP 106.3, b, a long-time CP finally on the air  
 WA Everett KSER \*90.7, pc, but "very eclectic, just like the ol' KRAB [107.7 Seattle] . . . Mostly music with some spoken word programming and BBC World Service news five times per day."



WI Black River Falls WWIS-FM 99.7, mr, AM-FM simulcast  
 I Tomah WZFR 94.5, still "The Breeze," and seeking Class C3 status; soon to go 24 hours  
 PQ Montreal CISM \*89.3, p, some r hits, but also some classical, jazz; French: "La radio des étudiants de l'Université de Montréal" (not strict)  
 BAHAMAS Nassau "104-5," operated by ZNS-AM "Radio New Providence." "We run about 10,000 watts"; relays ZNS-1 after midnight. Monophonic  
 GA Brunswick-Jacksonville FL WIOI-FM 100.7, nt, remove stereo listing; being leased by WOKV 600 Jacksonville FL  
 TX McKinney KSSA-FM 106.9, back to mono, and with Tejano programming at night. "Coverage now is much poorer than on the old 95.3. It also suffers interference from KTLR and even KYOT at times. Reception in my car is terrible."

**Format Changes**

Formats are the same as in the "FM Atlas"

AL Vernon WJEC 106.5 mr  
 AL Reform WTID 101.7 op  
 AL Winfield WKXM-FM 105.9 o, SMN Pure  
 AK Fairbanks KXLR 95.9 op, SMN Classic Rock, to 25000 h.v (2 m), C3  
 AZ Bullhead City KFLG-FM 102.7 k  
 AZ Douglas KDAP-FM 96.5 k  
 AR Augusta KABK 97.7 k, but temporarily silent  
 CA Freedom KPIG 107.5 r  
 CA Oakhurst KAAT 107.1 rm, Unis. 41  
 CA San Jacinto KWRP 96.1 mr, soft AC  
 CA Santa Ana KWIZ-FM 96.7 e, Korean; at night simulcasts KAZN AM 1300 Pasadena CA. "Radio Korea" nonID.  
 CA Taft KMYX-FM 103.9 k, "Thunder 104"  
 CO Security KBZE 105.5 k  
 DE Wilimington WSTW 93.7 rs  
 FL Arcadia WXKT 98.3 r  
 FL Jacksonville WNCM \*88.1 gr, "not a rock station, but contemporary Christian"  
 WJCT-FM \*89.9 c, no rock  
 FL Key West WOZN 98.7 op, \$: "I have heard only one commercial on this station in several weeks' listening. Key West has too many rock stations—it's a strange market."  
 FL Marathon WGMX 94.3 mr, Unis. 41, "Mix something"  
 FL Mexico Beach WEBZ 99.3 b, "EZ 99"  
 GA Clayton WQXJ 104.1 mr, "soft AC"  
 GA Jackson WJGA 92.1 ks, country mornings, light rock afternoons, urban evenings  
 GA St. Simons Isl and WMOG-FM 92.7 rm, Unis. 41 [from "The Breeze"  
 HI Hilo KIPA-FM 100.3 r, getting away/  
 ID Caldwell KTSY \*89.5 gr  
 IL Chicago WYTZ 94.7 sr, toying with various IDs; was briefly "Hell," which "came off as being stupid and in poor taste." Now "Chicago's Hot 94.7." Operations Manager Ron Lippincott found the gimmick "uncomfortable," and added, "I think it shows better judgment to move on to something that's positive, uplifting and fun—what radio should

be."  
 WFYR 103.5 rp, changing ownership for "the third time," and may again go to oldies. Warren Schulz, long-time chief engineer, tells me he's now at WYTZ. FMarket prices on the way down in Chi-town? WFYR applies to be sold to Major Broadcasting for \$1.9 million (Major is involved in ownership of KBER 101.1 Ogden UT, KXBR 93.5 Greenfield MO, KRBL 98.5 Los Alamos NM). Compare that price with Minnesota Public Radio's paying \$12 million for WLOL 99.5 Minneapolis. A calls' change is expected for WFYR. Its AOR has an emphasis on current music, in contrast with most other AOR stations' reliance on older cuts.  
 IL Woodstock WAIT-FM 105.5 op, SMN classic rock  
 IN Fort Wayne WJLT 101.7 o; was "Louie 101" for a while, playing various versions of "Louie, Louie" 24 hours  
 KS Kingman KTCM 100.3 gr  
 KY Elizabethtown WKUE \*90.9 cn  
 KY Georgetown WTKT 103.1 o, "Oldies 103" (killing "Cat 103 FM")  
 KY Jeffersontown WLSY-FM 101.7 remove \$, format, as it is silent, joining its unbuilt AM on 680 in Newburg KY in never-never land  
 KY Whitesburg WXXK 103.9 k, "K-104" (from "Q-104")  
 LA New Orleans WRNO-FM 99.5 p, Z-Rock  
 MD Grasonville WBEY 103.1 r, applies for WHVY calls, now in use by one of Baltimore's \*96.7 share-time stations  
 MI Manistee WRRK 97.7 r, "hot AC"  
 MN Mankato KMSU \*89.7 jc, going 24 hours and adding all night lite jazz  
 MS Clarksdale WAID 106.3 o, Drake  
 MS Lexington WAGR-FM 102.5 k  
 NV Sparks KKMR 100.9 r, "earwash"  
 NM Espanola KIOT 102.3 mr, "world music," "Coyote"  
 NC Edenton WBXB 100.1 g  
 NC Manteo WVOD 99.1 r  
 NC Murphy WCNG 102.7 rm  
 NC Williamston WHITE 103.7 gr  
 ND Grand Forks KNOX-FM 94.7 o, Kool 94.7 FM (strict—from "Light Rock 95")  
 OH Gibsonburg WRED 95.7 k, leased by WTOD 1560 Toledo, from whose non-co-owned studios it is programmed  
 OH Milford WRBZ 107.1 j [azz]  
 OR Brownsville KGAL-FM 102.3 o, relaying AM in Lebanon, which is the reason KYTE, "Kite FM," Newport moved from 102.5 to 102.7  
 OR Cave Junction KCNA 102.7 o  
 OR Medford KBOY-FM 95.7 r  
 OR Tri City KTRQ 104.3 k, monophonic  
 PA Philadelphia WXPX \*88.5 pt, virtually eliminating jazz. "Their new facilities at 88.5 are working quite nicely."  
 PA Sharpville WQXF 95.9 k  
 SC St. George WKQB 107.5 rm, parallel to WSUY 100.7 Charleston until WKQB is sold, which is expected in April. WSUY assumed to



be stereo. Was silent for a while.  
 TN Tullahoma WKQD 93.3 op  
 TX Beeville KYTX 97.9 o, still "Y-98," ID with Corpus Christi  
 TX Belton KYZZ 106.3 r  
 TX Dallas KKDA-FM 104.5 sj, with jazz being found in some of KLRX (97.9) and KMEZ (107.5) programming. Jazz is one element which stations normally playing vocals use to "break up the monotony." KLRX claims its format is "patented," developed after interviewing 600 listeners. Promos include: "No bathroom humor, no silly DJ chatter, no contests, no talking over the music, and we'll tell you what we play."  
 TX Eastland KEAS-FM 97.7 r; on 2-9-91 high school girls were announcing, and no ID was heard on or near the 5 p.m. hour, as FCC rules require.  
 TX Floresville KWCB 94.3 k [(strict)  
 TX Harker Heights KLFX 105.5 o, "The Fox"/  
 TX Lamesa KIOL 100.3 m, "K-Lite" (strict); dropping Odessa-Big Spring from ID list  
 TX Los Ybanez ("Los ee-BAH-nose," with a population of 249 just SE of Lamesa, with transmitter west of Lamesa) KYMI 107.9 m, l, "an odd mix of b, k, m and r format vocals and instrumentals. Tejano programming from 5 p.m. to 9 p.m. sign off. Carries Lamesa High School sports; ID with Lamesa."  
 TX Midland KCRS-FM 103.3 k, IDs with calls, not "K-103"  
 TX Monahans KMGP 102.1 r, rubs out "Magic 102.1," ID with Midland-...  
 TX Portland KCGR 105.5 op, SMN  
 TX San Angelo KELI 98.7 mr, still "K-Lite"  
 TX San Antonio KZVE 107.5 Spanish, l ("Tejano 107"); Tejano music migrates from its AM, while the former Spanish language AC format goes to the AM  
 TX Weatherford KYQX \*89.5 jr, still mono  
 VA Exmore WPHG 106.1 r  
 VA Norfolk WNVZ 104.5 s  
 VA Windsor WXRI 107.7 g  
 WA Cheney KEYF-FM 101.1 o, "Oldies 101" (loses "The Key") [to, from "I-94"]  
 ON Windsor CKMR 93.9 o, "More 94" (back/  
 PQ Trois Rivières CHEY 94.7 m, \$

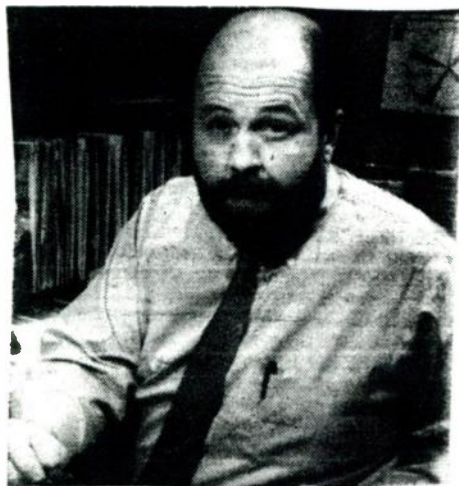
**On Air (Selected)**

KS Girard KYPG 99.1, having moved from 101.1  
 MD Frederick WJTM \*88.1  
 MA West Yarmouth WJIB 94.9 (and AM) bought by Boston car dealer Ernie Boch for \$825,000; sale approved by U.S. bankruptcy judge. Owners Ken Patch and Charles Dunn "took an immense bath on their investment: they reportedly paid \$4.7 million for the stations in 1985."  
 MS Yazoo City WAZF-FM 93.7  
 PA Glen Mills WZZE \*97.3  
 PA Muncy WHTO 103.9—things got a big warm for "WHOT" when a fire destroyed 1-year old studios. They're back on, courtesy of WFXX-FM 99.3 S. Williamsport, which donated an office for them to use as a studio. Also destroyed: an adjacent video store. WFXX was flooded during Hurricane Agnes in 1972.

- PA Sellersville W204AD \*88.7, but slated to delete
- PA Summerdale WJAZ \*91.7, serving Harrisburg; co-owned with WRTQ \*88.1 Harrisburg, which is not on the air and no target date announced
- TX Columbus KULM 98.3, back on with k, S

**Off Air or Not Yet On**

- AR Gurdon KGAP 92.7
- CA Merced KDAT 106.3
- DE Wilmington WMPH \*91.7
- GA Ashburn WFFM 105.7, along with AM
- IL Rantoul WLTM 96.1, remove stereo listing, as "I doubt they will ever come on the air"
- IN Earl Park WIBN 98.1 (still on 98.3)
- IN Valparaiso WVUR \*95.1
- LA Folsom KGZC 104.9
- MA Pittsfield WTBR \*89.7, with school administration conducting meetings to decide fate of this station. It was most recently down to 10 watts from its authorized 400 watts, and it will take at least \$5,000 to repair equipment



**O'Connell**

- and buy insurance. Daniel O'Connell, advisor, has donated his time, worth about \$1,300, on the radio project.
- MI Benton Harbor WXSJ \*94.9
- MS Picayune WZRH 106.1 (moving from 106.3)
- MS Pontotoc WSEL-FM 96.7, along with its AM
- NY Corinth WSCG 93.5, but a deal is supposedly in the works with an undisclosed buyer to put it back on the air
- NY Gouverneur WG1X 95.3, along with AM, "pending sale"
- NY Tupper Lake WRGR 102.3
- NC Belhaven WKJA 101.1 (moving from 92.1), "pending sale" ["pending sale"]
- NC Windsor WURB 97.7, along with its AM, /
- OK Nowata KNFB 94.3
- OK Cordell KRMK 99.3 [further"
- PA Chester WDNR \*89.5, but "I will check/
- PA Denver-Richland W214AL \*90.7, but to be on this month, using the "same tower we just built near Newmans town (Lebanon County) for the intercity relay which feeds WJAZ" \*91.7 Summerdale-Harrisburg
- PA Jackson Township WRTY \*91.1, but expected

- on in June. "I will place equipment orders within a month. We will displace the WVIA-FM transmitter in Stroudsburg; I am helping them move to 94.3"
- TN Oak Ridge WKNF-FM 94.3: "They don't serve Knoxville well. I would guess they (along with their AM) will be off six months to a year." [ing primaries
- TX Abilene K296DE 107.1, but is chang-/
- TX Breckenridge KROO 93.5, along with its AM
- TX Jasper KJAS 100.7 [BG 95.9
- TX Midland KWHU \*90.1, KQRX 95.1, K240-/
- TX Odessa KMRK 96.1
- TX Victoria KTXN 98.7 ("was EZ")
- WI Rhinelander WZTT. Awaiting FCC approval of co-owned WWIB 103.7 Lady Smith's application to move to Hallie WI. The old WWIB tower would then be moved to Rhinelander, while WWIB would get a new tower.
- PQ Riviere-du-Loup CION 103.7-CRTC told it has until Aug. 31 to go on the air, or else!

**Deletions**

- CA Goshen KYIA \*90.1
- FL Marathon WFFF 97.7
- IL Peoria WECU \*88.5. WBNH \*88.5 Pekin uses the frequency 24 hours a day. "WECU is now history."
- MN Ortonville KBAA 106.3
- MT Great Falls K296DH 107.1 (because of new grant on 107.3)
- NM Eunice KPCE 100.9
- NM Santa Rosa KHVY 95.9
- NY Yorkshire WYEF \*91.9
- OR Eugene K272CL (because of new Brownsville station)
- PA Philadelphia WPWT \*91.7, bought out by formershare-timer WKDU, which then turned in the WPWT license; WKDU now full time
- PA Richland W214AL \*90.7-this is the same translator as W214AL \*90.7 Denver PA, just a different beam with the same call numbers
- PA Telford WBMR \*91.7, "unknown to Bell of PA, either via the call letters or the company name you provided, and the phone number dials into a computer."
- TX Carrizo Springs KQMG 93.5
- TX Denton K228BU 93.5; CP never activated
- TX Odessa K280CX 103.9; a CP never activated
- TX Shamrock KJJI 92.7
- WI Watertown WBII \*91.5



- FMistakes, FMedia! March, and FM Atlas-13**
- AL Atmore WYDH (new) frequency of 105.9 not given, p. 1
- AL Decatur WRSA 96.9 town misspelled, p. 162
- AL Dothan WOOF-FM 99.7 out of sequence, p. 101 [p. 187
- AL Florence WQLT 107.3, town misspelled, /
- AZ Punkin Center 95.9 is K240BD, not "K249-

- BD," p. 136 [p. 155
- CA Coachella KCHV 93.7 town misspelled, /
- CA Davis KLCQ 105.5 listed as "KCLQ," p. 182
- CA Fort Bragg KOZT 95.3 out of sequence, p. 103
- CA Mount Shasta translator allusion in "Facilities," Weed, KWHO, should have been to K257CA, not K275CA, p. 2, col. 2
- CA Santa Rosa \*91.9 calls are KLVR, not "KVLV," p. 150 [Naples, p. 149
- FL Cocoa WMIE \*91.5 ID with Melbourne, not /
- FL Gulf Breeze (new CP) out of sequence, p. 159
- FL Winter Park WPFL \*88.9 remove from p. 106; is deleted [p. 107
- GA St. Mary's WAIA is on 93.3, not "93.5," /
- HI Puueo KIPA-FM1 frequency, 100.3, not mentioned, p. 1, col. 1
- IL Chicago WCYC remove listing for 88.7, p. 144; is on \*90.5
- IN South Whitley 101.1 calls should be WQB, not "WLZQ," p. 2, col. 2
- KS Salina KHCD \*89.5 ID with Manhattan, which is misspelled, p. 145
- MA Boston calls for 106.7 are WMJX, not "WJMX," p. 4, col. 3 [p. 158
- MN Albert Lea KRGR 94.9 out of sequence, /
- MN La Crescent KXLC is on 91.1 (not 90.1), p. 114 [col. 3
- OH Belpre \*91.7 WMBP, not "WMPB," p. 3, /
- OH McArthur (calls now WXM), not OK, p. 167
- OR Redmond KLRR 107.5 missing from p. 187; is \$, 86, 100000 h, v
- OR Silver Lake K219BG \*91.7 primary KOAB-FM's 91.3 frequency not given, p. 140
- PA Greenville WEXC 107.1 missing from p. 186; is \$, 73 m, 3000 h, v
- SC Hilton Head Island WHHR-FM (calls now WFXH), out of sequence, p. 184
- TX Beaumont KWIC frequency is 107.9, not 107.7, p. 2, col. 1
- TX Littlefield KXDM to be on 95.5, not 96.5, as may have been previously announced (OK as listed in "FM Atlas")
- TX Merkel KFQX 102.7 out of sequence, p. 176
- TX Temple KPLE 104.3's signal will go to Copperas Cove (not Corpus Christi). "Corpus Christi is a couple of hundred miles to the south of Temple" (p. 3, col. 3).
- VA Fredericksburg WFLS-FM 93.3 call letters are not "WBQB," p. 126.
- WBQB 101.5 not "WFVA-FM," p. 126
- WA Aberdeen KAYO-FM is on 99.3, not "98.3," p. 82 map [p. 149
- WI Superior KUWS \*91.3 calls listed twice, /
- "Have been enjoying your FM Atlas and wondering if any price break is available if I purchase 30 of them for gifts to the radio stations I work with."
- "I recently received the 13th edition of the 'FM Atlas' which took almost one month to receive! I just wanted to let you know I was greatly disappointed in its contents for \$12, including shipping, and I don't think I'll be ordering any more publications from your company."
- "I just received your excellent FM Atlas in the mail, purchased through E. E. B. (Electronic Equipment Bank) of Vienna VA. I commend you again on your excellent book."

**SC Services, 67, 92 kHz and TV SAP**  
**Symbols are as in the "FM Atlas"**

- CA Long Beach KLON \*88.1 †E, 92 (†U, 67)
- FL Cocoa WLRQ-FM 99.3 †Y, 92, with some garbled audio blended in usually at about :20 each hour, possibly from the FL Network; still †X, 67
- FL Miami WEDR 99.1 †E, 67 (Arabic music)
- WLYF 101.5 †C, 67, relay of WMRZ 790, with talk and music; at other times only WMRZ's music, with the talk stripped off. WMRZ has MOR music, similar to Music of Your Life.
- FL Orlando WWKA 92.3 still †M, 67, but †C 92 added occasionally—relay of WDBO AM, heard most often weekdays during drive time and on Saturday mornings
- FL Winter Park WPCV 103.3 †X, 67; †S, 92 (relaying of police communications)
- GA Albany WUNV \*91.7 †T, 67, GA Radio Reading Service
- GA Canton WCHK-FM 105.7 †X, 67
- GA Valdosta WWET \*91.7 †T, 67
- MI Ironwood WIMI 99.7 †S, 67; carrier on all the time; broadcast from a remote site (same as on main carrier). This is the first SCS activity heard on this station in several years.
- MN St. Paul KSTP-FM 94.5 †M, 67, but different from Muzak; this may, however, be the station to replace KSJN 99.5's Muzak
- PA Boyertown WYCL 107.5 no SCS, having dropped 92 kHz Greek
- PA Philadelphia WRTI \*90.1 no ethnic 67; retains †X, 92. The 92 is now companded background music, split into two "Music 4" system outlets by SCA Data Systems. "This transmission scheme is incompatible with conventional SCA receivers. . . Our 67 kHz Greek SCA has been off the air for several months. We expect to resume ethnic programming soon."
- WI Superior KBJR (TV) 6, has SAP at 78.67 kHz with NOAA weather. "It's supposed to be 24 hours. Thanks for calling." Recent ice storm knocked KBJR off the air for over a day, with a chunk of ice falling from the tower, severing its transmission line and damaging a satellite dish. WDIO (TV-10) lost its 25-year-old tower due to ice and wind action, but nobody was hurt and the studio and transmitter building nearby were undamaged. WDIO off the air, with its 6 and 10 p.m. newscasts carried on WDSE \*8, along with WDSE promos instead of WDIO commercials. KBJR transmits from Duluth MN. All TV and FM stations were off the air most of Saturday, Mar. 23. KQDS-FM 94.9 and KDNW \*90.5 Duluth are at partial power, with part of their tower shorn off.

- BC Vancouver CFOX 99.3 granted a new SCMO, presumably 92 kHz (has †M, 67)
- PQ Hydro Quebec is using FM/SCMO at 57 or 67 kHz to transmit data to control electrical power distribution. Stations carrying this service not announced.

**NonIDS, Not Just Slogans**

*Mentioned usually without call letters; "strict" if a station only uses call letters once per hour as required by the FCC (at or near the top of the hour)*

- AR Little Rock KZOU-FM 98.5 FM-98 (closes "The Zoo") [(from "FM 92")]
- DE Rehoboth Beach WGMD 92.7 Sunny 92.7/
- GA Douglas WDMG-FM 99.5 Magic 99 (buries "99 Alive")
- IL Champaign WHMS 97.5 Easy Rock 'HMS
- NJ Pomona WLFR \*91.7 Lite 91.7 (from "Lake Fred Radio") [100"]
- NM Clovis KTQM 99.9 Magic 99.9 (from "FM/ NM Maljamar KMTH \*98.7 and Portales KENW-FM \*89.5 Public Radio for the High Plains of Eastern NM and West TX, and having a "fine network of b-format stations!" They ID both stations and in most cases all the translators. "I wish the ID policy of every station with one or more translators could be this precise."
- SC Anderson WWMM 107.3 Magic 107.3
- TX Andrews KACT-FM 105.5 uses call letters exclusively, not "K-105"; add \$ to p. 183 FM Atlas-13 listing
- TX Big Spring KBST-FM 95.3 K-Best 95 (not strict), simulcasts AM part of the day
- TX Houston KRBE-FM 104.1 now 104-KRBE, with "hits without the hype," dropping "Power 104" [(strict)]
- TX Lamesa KLSG 104.7 Lubbock's Oldies 104.7/
- TX McAllen KQXX 98.5 Estereo Mar
- TX Odessa KENT-FM \*90.5 Sonshine Radio (not strict); ID with Midland
- TX Sinton KOUL 103.7 drops "Kool 103," now spelling out the calls and saying "Bay Area's Best Country" [FM (strict)]
- TX Waco KWTX-FM 97.5 All Hits 97.5/
- VA Suffolk WFOG 92.9 Fog
- WA Tacoma KRPM-FM 106.1 K-106 (from "Country 106")
- WI Kenosha WJZQ 95.1 Power 95 (very strict—no call letters heard on or near the top of the hour), from "Rock 95," "hot rock"
- BC Vancouver (no calls announced) 95.3 to be "Energy 95.3." May 31 is its target date.

**Multi-City IDs in Use**

- MN Faribault KQCL 95.9 with Owatonna-Northfield, still "Power 96"
- SC Spartanburg-Greenville WSPA-FM 98.9 adds Anderson, now "Lite 98.9"
- TX Burnet KHLB-FM 106.9 adds Llano-Marble Falls, still k
- TX Denton-Dallas-Fort Worth KOA! 106.1 has reformed and now pronounces "Denton" clearly in its multiple city ID
- TX Midland-Odessa KNFM 92.3 adds Monahans
- TX Odessa KOCV \*91.3 with Midland KKKK 99.1 Quad K (strict; from "FM-99 K"), ID with Midland-Big Spring-Hobbs NM; not "99.9," as shown on p. 125 FM Atlas-13.

**AM Happenings Most Likely Caused by FM**

- CO Silt KRMW 700 "application denied for extension of time"
- CT Hartford WCCC 1290 silent
- GA Bainbridge WYSE 1360 silent
- GA Millen WGSR 1570 silent
- GA Soperton WJHH 1000 silent
- GA Waycross WAYX 1230 silent
- KS Winfield KVFV 1550 "silent pending sale"
- KY London WMAK 980 silent

- LA Oakdale KICR 900 silent
- MD Silver Spring WNTR 1050 off air "temporarily"
- MA Boston WBZ 1030, which went to a talk format when the war broke out, has made it official—the music is off for good. Now competing with other AM talkies WEEI, WHDH and WRKO.

WSSH 1510 switches to Hispanic. Now headed by Tony Molina, who is severing his association with WBIV 1060 Natick MA, which is switching to Christian and Hispanic programming. MA Worcester WFTQ's demise as a separately programmed station (see last month, p. 5) made the WICN \*90.5 Worcester program guide with a feature story, "Death of a Radio Station." Not a



money maker in later years, "WFTQ was still attached, like a lamprey, to the WAAF (107.3) radio shark." "WAAF does not serve Boston well, with a signal too far west to penetrate as well as the Boston stations.

MA Waltham WRCA 1330 goes automated, cutting all staff except for two salespersons. "The station's been operating without a profit since at least last September. Sales have been better, but it's still not profitable. The options were to reduce costs or go out of business."

MI Grand Rapids WLAV 1340 brings Z-Rock to the market for the third try, getting some FM promotion on 96.9 Sunday nights. Despite stopping embracing new AMs six months ago, Z-Rock added WLAV, probably because of the FM promising to cross-promote the format.

MI Petoskey WJML 1110 silent; while FM leased (see "Formats," above)

MS Amory WDAT 1170 silent

ND Williston KEYZ 1360 deleted; KEYZ calls move to 660 (formerly KQSR)

NC Warrington WARR 1520 silent [again"]

TN Brentwood (Nashville) WYOR 560 silent/

TX Conroe KSSQ 1140 silent; had been Spanish

TX Dallas 1190 has changed calls again—now KUII, but with a nonID, "1190 AM, CNN Radio," and still carrying promos for KLIF's move to 570. "Correction to my last report: it is KVIL and KSSA-FM which are simulcasting 100% now, not KLIF and KSSA-FM!"

TX Odessa KOYL 1310 silent

TX Ralls KCLR 1530 silent

UT Heber City KTMP 1340 silent

VA Hot Springs WWES 1270 silent

VA Manassas WPRW 1460 silent, but expected to return "with a new format in about one month"

WA Vancouver KVAN 1550: Owner KMXI 106.7 Lake Oswego OR leased out its former uncompetitive AM to the National Broadcasting School. "Vancouver gets a radio station back. . . and broadcast students get experience at a real, operating station."

WA Tacoma KLAY 1180 off air since summer. Was to have returned in December with talk, including Rush Limbaugh

WI Plymouth WPLY 1420 silent, but new owners

plan religion

BC Vancouver CKLG 730 adopted the slogan "Energy LG-73," because it fears the new 95.3 station (no call letters yet)  
 PQ St-Jerome CJER 900 silent  
 PQ St-Jovite CKSJ 1400 silent  
 PQ Ste-Agathe-des-Monts CJSA 1230 silent  
 BN Tijuana XEKAM 950 silent, but supposed to go to consumer business radio, and to have gone to a 20 kw transmitter by now. "No commercials, except for the Sun Radio ones. I don't see how they can stay on the air."

**FM Rulemakings Proposed**

*First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed.*

AL Eva 99.9A counterproposal  
 AL Fairview 99.9A counterproposal  
 AL Fairville 99.9A counterproposal  
 CA Arnold 106.1A counterproposal  
 CA Baker 94.9B1, 96.7B1 and/or 97.7B1 counterproposals  
 FL Macclenny 92.1C3 for A, WJXR, May 2, 17  
 FL Miami 107.5C from C1, WQBA-FM counterproposal [cause/why not?]  
 FL Williston 101.3A for 92.1A, WFEZ, "show/  
 GA Waynesboro 107.1C3 for A, WAGW counterproposal [22, May 7  
 HI Lanai City 104.7C from A, new CP, Apr 7  
 IL Breese 105.3A counterproposal  
 IL Carlyle 96.7A counterproposal  
 IL Dix 96.7A counterproposal  
 IL Fairfield 98.9A, Apr. 22, May 7  
 IL Fisher 93.5A, with Mattoon [al, WMC1  
 IL Mattoon 93.7A for 101.3A counterproposal/  
 IL Mount Carmel 101.1A counterproposal  
 IL Mount Sterling 106.7B1, Apr. 22, May 7  
 IL Steelville 97.5A, May 2, 17  
 IL Teutopolis 101.3B1, with Mattoon  
 IL Tuscola 101.1A from 93.5A, WITT, with Mattoon  
 IN Ferdinand 98.5A, with Elizabethtown KY  
 IA Eldon 104.3C3, Apr. 22, May 7  
 KS Herington 96.3C3 for A, KDMM, May 2, 17  
 KS North Fort Riley 102.5C1 for C2, KXDJ counterproposal  
 KY Bowling Green 93.3A from 98.3A, WDNS, with Elizabethtown [counterproposal  
 KY Elizabethtown 98.3C3 from 98.5A, WQXE/  
 LA Campti 98.5C3 counterproposal  
 LA Dubach 97.7C3 for A, KPCH counterproposal [6, 21  
 LA New Iberia 93.7C1 for C2 (new CP), May/  
 LA Ville Platte 92.5A for 93.5A, KVPI-FM, "show cause/why not?"  
 MI Bronson \*94.7A, May 2, 17  
 MS Decatur 97.9C3 counterproposal  
 MS Newton 97.9A for 106.3A, WMYQ-FM, with Petal  
 MSPetal 106.3C2 for A, WMFM counterproposal  
 MS Shubuta 107.1C3 counterproposal  
 MS Sumral 107.1A counterproposal  
 MO New Madrid 106.5C2 from 106.3 at Portageville, KMIS-FM, Apr. 22, May 7  
 MO Warrenton 99.9C3 for A, KFAV, Apr. 22, May 7 [2, 17  
 MT Missoula 100.1C1 from C3, KZOO, May/  
 NY Whitesboro 97.9A counterproposal  
 NC Waxhaw 99.9C3 from Kershaw SC 106.1A, new CP, Apr. 22, May 7  
 SC Bluffton 106.9C1 for C2, WLOW counterproposal  
 SC Lady's Island 104.9C3 for Ridgeland 104.9A, WSHG, Apr. 22, May 7 [May 7  
 TX Abilene 106.3C2 for A, KHXS, Apr. 22,  
 TX Caldwell 95.1C2 for A, KHEN, May 6, 21  
 TX Colorado City 106.1A from 106.3A, KAUM-FM "show cause/why not?"  
 TX Hempstead 105.3A, Apr. 18, May 3  
 TX Karnes City 103.1C2, May 2, 17  
 VT South Burlington 95.5C3 for 95.3A, WXXX

WA Castle Rock 107.1C3, Apr. 18, May 3  
 WI Chetek 106.7C2, Apr. 19, May 6  
 WI Sheboygan Falls 93.7A, Apr. 29, May 14

**FM Rulemakings Finalized**

*Dates are when FCC filing windows are open*

AL Tuscaloosa 105.5C3 from A, WACT-FM  
 AZ Bisbee KZMK 92.3A from 92.1A  
 AZ Green Valley KQYT 92.1C2 from A  
 AR Clinton 92.1C3 for A, KHPQ  
 AR El Dorado KLTW 93.3C3 for A, KLTW  
 CA Central Valley 99.3C3 for A, KNNN  
 CA Davis 104.3A from 105.5A, KLCC  
 CA Marina 92.7B1 from A, KBOQ  
 CA Salinas 103.5A from 103.9A, KRAY  
 CA Seaside new 103.9A from 103.5A  
 CA Winter dismissed 105.5A bid  
 FL Key Largo 103.9C2 for A, WZMQ  
 FL Panama City 100.1C3 for A, WPCF-FM  
 ID Eagle 107.9C2, Apr. 16-May 16  
 IN Angola 100.3A for 100.1A, WLK1  
 IN Brookston 95.3A from Monticello, WKJM  
 IN Decatur 105.1B1 for 92.7A, WQTZ  
 IN LaGrange 105.5A (new CP) must pay WIFF-FM Auburn the cost of moving from 105.5 to 102.3A  
 IN Roanoke 94.1A for 105.1A, WQTZ  
 KY Barbourville 96.1C3 for A, WYWY-FM  
 KY Garrison 98.3A, Apr. 23-May 23  
 KY Georgetown 103.3A for 103.1A, WTKT  
 LA Brusly 96.1C2 from 96.3A, KIEZ  
 MI Marquette 94.1A, Apr. 15-May 15  
 MN Coleraine 96.1A, Apr. 15-May 15  
 MN Deer River 105.5C1 for A, KXGP  
 MS McLain 96.9A, Apr. 15-May 15  
 MS Woodville new 107.7A from 95.9A  
 MT Kallispell dismissed 106.3A bid  
 NJ Belvidere 107.1A, Apr. 16-May 16  
 NY Ballston Spa 102.3A from Saratoga Springs, WQOY  
 PA Scranton 106.9A for 107.1A, with Belvidere NJ, WEGX  
 TX Littlefield 95.5C3 for A, KXDM  
 TX Odem 98.3C3 for A, KKHQ  
 WA Pasco 101.3C3 from A, KGDN  
 WA Pullman 99.5C1 for C2, KZZL  
 WI Chippewa Falls dismissed 99.9C3 bid  
 WI Tomah 94.5C3 for A, WZFR

**In-Band DAB Proposal Victim of AM Radio Politics?**

Listening to John Abel, executive vice-president, National Association of Broadcasters, one gets the distinct impression that the Eureka 147 system, developed in Europe and tested in Canada, is the only way to go for digital audio broadcasting. Despite recent work on an in-band system, which would modulate a DAB signal without disruption to today's analog FM stations, the NAB is holding fast to its advocacy of a terrestrial system requiring a new band, probably in the 1.5 GHz or higher range, and the "bundled" technology of several stations, or programs, springing up from one low-power transmitter. Americans will get the chance to listen to DAB at the NAB's annual convention in Las Vegas the 14th through the 18th of this month. The Eureka system is to be tested both at a booth and on a bus, which will offer tours from 9 a.m. to 6 p.m. "You can judge its resistance to multipath distortion and make an A-B comparison of the same program broadcast via DAB and regular FM," says an NAB news release. The location of the fixed site will be at the Eureka 147/DABooth.

Problem with in-band systems, despite their not having been tested like the Eureka system, is that they would not accommodate all the existing stations. This translates to mean AM stations. FM broadcasters are concerned that this would give AM parity in such a scheme. Abel is not even sure the FCC needs to approve any in-band DAB testing, since subcarriers are deregulated, and the "marketplace" would sort out which are the best and which are the worst systems or receivers. With an FM band system, which might be subject to variability in how well the DAB signal is sent out or received, those who propose satellite delivery of DAB would have an advantage, because their sound might be better, so Abel reasons. The thinking of the NAB and others in the industry is that every broadcaster, AM and FM, must be able to share in the DAB revolution equally. New AM stations could come on the air and immediately qualify for DAB protection. Some of the present FCC Commissioners, notably AISikes and James Quello, favor elimination of multiple ownership rules in radio and television. If such rules were abandoned, and one company owned 50 AM and 50 FM stations at the time of DAB implementation, that company would then qualify for 100 DAB stations.

Getting an early start on DAB by granting a satellite-delivered system is not what the public interest deserves, said the NAB to the FCC. It underscored its preference for a land-based DAB system, and urged the FCC to turn down the bid of Satellite CD Radio. "It is premature and prejudicial in the extreme to grant this request before preliminary, essential questions regarding DAB have been resolved," the NAB said. "The course for DAB is not yet steady or sure enough for grants of construction authority—grants that well may prejudice the issues awaiting decision and direction by the FCC and the broadcast industry." This was Satellite CD Radio's second request for permission to construct the system. The NAB opposed the first request last June. The FCC has yet to make a decision on the matter.

A survey commissioned by Radio Satellite Corporation, a firm which plans to launch a digital radio satellite with FM-quality (not necessarily CD-quality) sound, found 79 percent saying they would be willing to listen to digital radio that sounded like FM. Nearly 90 percent of respondents said they are "satisfied with the quality of sound of their favorite FM stations when receiving a strong signal." The poll indicated that listeners may not be attracted to CD quality sound as such, but to the perception that it is better.

North America's first permanent DAB-broadcasting will probably be in Mexico City. A pay audio service is slated to debut May 1 "with 17 channels of announcerless audio, provided by Digital

Cable Radio of Philadelphia. The Mexico City system is intended strictly for at-home listening and is not being considered for any U. S. applications," reports *Radio and Records*.

Like the commercial broadcast establishment which fears that technology will get away from them unless they take the initiative, religious broadcasters are also concerned. Ray Terrill, manager of engineering for "Focus on the Family," Pomona CA says: "There is an obvious risk in jumping on the bandwagon, only to find out that it is being driven by the secular record companies and other cultural entities who see blanket satellite coverage as their best bet. There is an even greater risk, however, in standing by and letting the decision-making be done without our involvement. For now, we can be assured the drive for improved audio quality will be accelerated as stations shift their investment focus from transmitter sites to studio facilities," and he expressed concern that any assignment of DAB which includes space for noncommercial, educational stations also allows for religious, noncommercial stations in that space. "One thing is certain," he said. "History is never on the side of the status quo for long."

A DAB test was conducted in Rennes, France, in March at 794 mhz, with 16 watts power, and with two ultra-low-power boosters, or what they call "gap fillers," which provided "seamless distortion-free reception in a moving vehicle." NAB Senior VP/Science and Technology Michael Rau said the Rennes demonstration indicates that the power needed for commercial L-band (1500 mhz) broadcasts of DAB may be substantially less than previously estimated. But Tony Masiello, CBS Radio technical director, cautioned "at 1500 mhz, the signal can't get into buildings, and an extensive network of gap fillers would be needed."

**Sikes Seeks Annual Fees**

FCC Chairman Al Sikes proposed a way to pay for expansion of Commission services by charging broadcasters an annual fee. The proposal would raise from \$65 to \$70 million from broadcasters. The NAB appears not to oppose the plan, only saying: "Annual user fees are a bad idea philosophically, if applied to broadcasters, who already spend considerable resources to serve the public interest. User fees are inconsistent with that public service role." Also, the NTIA (National Telecommunications and Information Agency) came out in favor of spectrum auctions for users. The NAB did not comment on that report, but it "reiterated its longstanding opposition to spectrum auctions for broadcasters."

<u>Proposed FCC Fees</u>	<u>\$Fee</u>
AM Daytimers-Class II	150
AM Daytimers-Class III	100
AM Full-Class I	500
AM Full-Class II	300
AM Full-Class III	200
AM Full-Class IV	100
FM Non-Commercial	100
FM Class C, C1, C2, B	500
FM Class A, B1, C3, D	300

**Small-Print Happenings and FM Industry News**

WAMC reaches membership goal in six days, including pledges to the Albany station from 1134 new subscribers. Opera listeners were especially responsive. Executive Director Alan Chartock, no fan of opera himself, said, "I've got to hand it to the opera listeners. They came out in droves to show us how important opera was to them." Also mentioned during the fund drive is WAMC's plan for an additional outlet for the Middletown NY area, a booster to cover a "shadow" area in Troy NY, and their still being in competition for an Oneonta NY station.

Buying WLOL 99.5 Minneapolis MN for \$12 million could be made easier for Minnesota Public Radio, which would benefit from a proposal that the city of St. Paul will stand behind it with \$12 million from tax-exempt bonds. If the bond issue is approved, MPR will not have to tap into its reserves, use any money pledged by listeners, have to sell KNOW (AM) 1330, or rely on revenues from its profit-making subsidiaries to cover the purchase cost. In the meantime, MPR is asking the state legislature for \$1,055,000 to build 13 more FM stations around the state and improve 18 other stations and translators. The Minnesota Broadcasters Association, instead, supports the 13 non-MPR stations comprising AMPERS (the Association of Minnesota Public Educational Radio Stations). "These are the type of stations that MBA feels are envisioned by the 'Governor's Task Force Report on Public/Educational Radio'," the MBA says. "When talking with their state legislators, MBA members are urged to ask for support for AMPERS funding."

One of the sponsoring institutions of MPR, Worthington Community College, has rescinded an agreement it had with KRSW \*91.7. KRSW was to receive free studio/office space in addition to a cash grant which, this year, amounted to \$28,485. In return, the college was to receive 2920 ID mentions with a value of \$4.79 each and 1660 annual mentions during "Morning Edition" valued at \$4.79 each. MPR was also to provide the college advertising in *Minnesota Monthly* and other MPR publications. According to a letter from Eric Radtke, director of policy and budget for the college board, the agreement has been cancelled. The college still provides KRSW with free studio and office space as well as space for a satellite receiving dish and microwave tower.

A \$50,000 grant has been given to Camosun College in Victoria BC by CJVI and Rogers Broadcasting there. The cheque will help start a low power FM station at the college.

Another controversy over formats in Canada is erupting over 590 Toronto. CKEY has become CKYC, "Country 59," a move just ahead of Rawico's coming on the air on 92.5. One reason Rawico was favored over applicants favoring a dance/urban program mix was the alleged need for a country radio station in that market.

The Bullitt family of Seattle is putting up the KING radio stations for sale. Six radio stations remain in the portfolio, and the family will only sell KING-FM 98.1 if a buyer assures them that the commercial classical format will be preserved. However, there are some minority shareholders

who will have to be bought out for the Bullitts' plan for the continuation of classical to succeed on KING-FM, and a call-letters' change seems likely. The Bullitt sisters have vowed to "retain classical-formatted radio in Seattle forever." The money from the sale of King Broadcasting will go to the Bullitt Foundation for charitable causes. KING-FM has been classical since its inception in 1948. That year Dorothy Bullitt bought the ailing KRSC-FM, Seattle's first FM, from the Liebermans, changing the calls to KING-FM and beginning classical programming in the evening hours. In the mid-'60s when the FCC discontinued simulcasting for co-owned AM-FMs, the family turned the FM into a fulltime classical station. It has won numerous awards over the years, including the prestigious Marconi award. "In today's broadcasting world of venture-capitalists and other nonbroadcasters owning many such companies, the family-owned KING Broadcasting stood out as a unique venture, guided by those experienced in, and dedicated to, the provision of quality radio and television programming. . . The Bullitt sisters have stated that if an agreement with minority shareholders cannot be reached, they will purchase another Seattle FM in order to preserve classical music on the air," reports Mike Cherry.

It's not just the Bullitts wanting to preserve classical music on a commercial station. Ted Jones, owner of WCRB 102.5 Waltham-Boston, who just turned 80, is putting his stock in a trust to guarantee that the station is kept classical for the next 100 years. Woody Tanger, a prospective buyer, greeted the news with disbelief. Tanger had offered \$10 million cash, but Jones said the station is worth twice that, and besides he's not interested in selling. Tanger said the turnaround was curious since he had promised he'd keep the station classical, and that they would guarantee to the best of their ability any future owner would also keep it classical. Tanger is known for owning classical stations in Detroit, Miami and Philadelphia. Tanger's company had made overtures for WCJ 96.9, but it is known that he is more interested in WCRB. Thanks to Bob Gilbert for this information.

A suggestion in the Canadian "Broadcaster" magazine is that, with FM and AM moving to an as-yet unassigned DABand, many commercial two-way communications services like paging and two-way mobile dispatch may end up bidding millions of dollars for unused frequencies now within the FM band. Mike Cherry believes once DAB is implemented all of the 88-108 spectrum will be reassigned to utility services. "No mention was made of what will become of the AM band, 530-1705 kHz. Hobby broadcasting? Who knows?"

The NAB has told the FCC to take steps to help cure alleged interference to aviation radio reception by improving the quality of aviation radios. The FM band is immediately below the aviation band, which begins at 108 mhz. The NAB asked the FCC to adopt minimum performance standards to make aviation radios more immune from interference caused by broadcast signals and other communications frequencies.

Simulcasting an FM station on another can help in the ratings—at least if WNEW-FM New York's experience can be transposed to other markets. It is leasing up to 164 hours a week on WWHB 107.1 Hampton Bays NY. Folks who fill out diaries apparently cannot distinguish which "WNEW-FM" they are listening to, and credit flows either to WWHB or to the 102.7 NYC outlet. WWHB, after diary results are credited to the proper station, came in first with a 7.8 share, with the No. 2 station, WBAZ, netting a 7.0. WNEW-FM was one of only four NYC stations to show—with a 4.3. This shows, according to the *Street Journal*, that "WNEW-FM's lease agreement seems to have generated a large audience increase for both the leased and the originating station. Several New York FMs have been waiting to see how WNEW-FM's arrangement worked out before going after their simulcast opportunities. These results may be a green light."

From the classifieds: WLOL is history and so is my job. I'd like to get back on the air doing sports, music or news. Jeff Luitjens is hungry; (612) 781-6552.

Programming/operations assistant WPFW \*89.3 Washington DC. Duties include supervising volunteers, recording satellite feeds and assisting in training, \$11,250 for 10 months. May become fulltime in 1992. Apply to Leon Collins, WPFW, 702 H St., N.W., Washington DC 20001, EOE. No phone calls.

Partners/investors wanted for new high power FM in mountain states and for AM-FM combo in Deep South, \$10K minimum. Serious inquiries only, Larry Fuss, KOOZ, Box 159, Fayetteville GA 30214; (404) 460-6159.

**FM FORUM**

**CONTRIBUTIONS FROM READERS**

Continuing with Doc Searls' report from February's FMedia! he writes: "Back when there was no reproduction—before sound could be recorded or transmitted—most of it was good. Lyrics could be understood, tunes could be remembered. By the time FM and digital sound separately reached their peaks, musical values had taken a back seat behind sound values. Now we have a kind of robo-rock, robo-soul and even robo-background music. Much as I enjoy the artistry of 'new age' and 'space' music, its primary purposes are environmental and decorative. For all the grief that yuppie types like me gave to 'easy listening' radio, 'new age music' is a step even further in the 'background' direction, with relatively few familiar tunes. At least the standard old chestnuts that the easy listening stations played were generally known tunes the durability of which testified to their value. All of which is to say that there was something good about old AM radio. Through this lo-fi medium, songs needed strong and simple melodies, harmonies and rhythms. There was a lot to like about that.

"To moderate the above diatribe, I also believe there is actually a turnaround going on. The popularity of oldies stations, of love ballads, of relatively simple songs, of the blues, even of rap—all indicate to me a return to basic musical values and a reversal of the trend toward technologically advanced but musically superficial production pieces. I am encouraged by the fact that a hot-selling CD set right now is a collection of Robert Johnson's blues numbers, remastered from scratchy old 78s, and that my son, a rock guitarist, now spends hours listening to those discs.

"I spent some time in Europe this summer and fall, and had my first exposure to non-American radio. FM in Europe is generated largely by a few high-powered regional facilities and countless local translators. While I think translator service is under-utilized in the U.S., witnessing its abundance in England left me wishing for more stations I could set once and leave there for more than a dozen miles of highway. Of course, the way they see it, that's what AM is for. My kids kept the radio glued most of the time to "Atlantic 252," a 600-kw longwave station out of Ireland (but operated jointly by Radio

Luxembourg and others). It covered the UK quite well, but never mentioned its actual location. I find myself liking the new KDBK/KDBQ 'Double 99' operation, both in transmission concept and music programming. They both have line of sight coverage to most of the San Francisco bay area. Most people who listen to the stations seem to have figured out the 'system' and don't have much trouble with it. I know one San Jose resident who keeps one car radio button set on each station (98.9 and 99.1), and just hits the one with the best signal. So I think it works."

WGBH \*89.7 Boston has cancelled two programs hosted by Bill Cavness. "One, 'Reading Aloud', has been on the air continuously since 1956. The other, 'Chamber Works', a program of local chamber music performances recorded live, is of more recent vintage. We confirmed by telephone with WGBH that the cancellations were initiated by WGBH and not Mr. Cavness. I have listened to 'Reading Aloud' all of those 34 years and will sorely miss it. My family will no longer contribute anything to WGBH as a consequence," writes Byron E. Blanchard.

Malcolm Kaufman sent a story on all-news radio growing rapidly in Europe—and that was before the Persian Gulf war. Franco Info is one of the big contenders, on 105.5 FM. It faces a tough battle for audience, competing with nine large general-interest and music stations. But France Info doesn't have to sell ads. It's part of the state-owned Radio France, with a \$9 million budget, two-thirds subsidized by the government. The rest comes from what we would call underwriting.

Dave Beauvais, also in MA, now reports with the benefit of a yagi FM antenna connected to a Yamaha CR-640 tuner. He gets regular reception as far as CKBY 105.3 Ottawa. He has discovered that you can hear FM signals bounced at great distances from meteor trails. This is most common in the morning hours, and can best be heard on quiet frequencies with no local or nearby stations, when using a good antenna and receiver. It also takes patience to hear bursts which at best last only a few seconds. The trick is to find a quiet frequency, which is a challenge, with the FM band filling up all over the country. I have talked to the director of the local planetarium, mentioning how meteor scatter can be heard on an FM radio, even during the daytime. Aurora also has an effect on FM at certain times, especially in the northern part of the U.S. "I'd love a job that combined work, hobby and personal passion the way yours does."

We just had our business analyzed by some volunteers at SCORE (Service Corps of Retired Executives) and they were

impressed with our profitability, although this newsletter is the weakest element in the picture. When asked my age they asked about succession, and concluded that the business would die with me. Atlanta's Nick Lombardi quipped: "At 55, you should have a good additional 25 years of productive life ahead of you, so I expect to be receiving FMedia! at least until 2015. By then, perhaps DAB/DBS will have taken over, rendering terrestrial broadcasting obsolete." I mentioned to a MN broadcaster that I have been an FM listener for 42 years, and he wished me another 42!

The *Duluth News-Tribune's* religion editor featured me recently in her "People of Faith" column, since I am a church communications secretary. I listed my heroes as Martin Luther and Edwin Armstrong, the last good book read, "1984" by George Orwell, and ministerial gifts finding out and presenting information to and about the church; lay speaking. I mentioned



Bruce Elving

how the Bible is an excellent health guide and gives hints about diet and how you can have a better lifestyle, and that I don't eat pepperoni because pepperoni contains pork, which the Bible condemns as unclean (ref. Leviticus 11). Like our Jewish friends, we celebrate the Sabbath on Saturday—from sundown Friday to sundown Saturday.

Rob Bates was nice enough to send some station news from the Pacific Northwest, as well as issues of a local "Radio Guide." The November issue of that guide had an article on the translators which Seattle area stations are using to reach difficult parts of town, particularly the Alki Beach area on the west side. You'll see those translators listed in the



"FM Atlas." KZOK-FM 102.5 solved the problem by installing a translator around 1982. However, direct reception was not possible because of the

abrupt terrain, so KZOK-FM subscribed to the cable system and arranged a cable feed of the translator. This was under previous FCC rules which permitted cable feeding of translators. KISW was able to do the same, inserting the translator signal at 99.7, just to the side of the primary's 99.9. Those were the last cable-fed translators allowed under the old rules.

Until May, *Bruce Elving*

# FMedia!

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A NEWSLETTER OF FACT AND OPINION ABOUT  
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## New FM Station, Translator Grants

- AL Centre 105.9 3000 watts horizontal and vertical; 100 meters above average terrain, Cherokee Bcstg. [Bcst. Associates  
AL Uniontown 107.5 1430h,v; 144 m, Union/  
AZ Colorado City 107.1 64000 h,v; 356 m, Uzona Bcstg. Co.  
AZ Paradise Valley (Scottsdale) 105.9 1000 h,v; 147 m, Scottsdale Talking Machine [Rock]  
AR Hope K214BL \*90.7 (KUAR 89.1 Little/  
AR Monticello K220DM \*91.9 (KUAR)  
AR Texarkana 104.7 3000 h,v; 100 m, Jo-Al Bcstg., Inc.  
AR Wilson [Memphis TN] KOSE-FM 103.7 6000 h,v; 100 m, Pollack Bcstg. Co.; (KOSE AM is in Osceola AR)  
CA Fresno 99.3 3000 h,v; 100 m, Laura H. Norman, reversal of grant which favored Fresno FM [m, State of Oregon  
CA Mount Shasta KNSQ \*88.1 2300 h,v; 272/  
CA Victorville \*88.5 3000 h,v; 4 m, g, Faith Communications Corp. (see also "Deletions," below)  
FL Coral Cove 107.9 3000 h,v; 100 m, C. C. FM Radio Partnership; reversal of grant which was to W. L. DiLucente  
FL Jacksonville WIOI-FM 100.7 8000 h, booster of Brunswick GA station; reinstatement of CP, with booster possibly becoming "main station," and "ironically, the decision comes a bit late for WIOI-FM. Having lost its bid for a better signal last year, the station has gone through three formats [and] leased its facility out to EZ Communications. EZ replaced WIOI-FM's two-month-old oldies format (competing directly with EZ's WKQL 96.9 with a simulcast of EZ's Jacksonville AM, news-talker WOKV 600). [Radio  
FL Palm Bay \*90.3 100watts h,v; 31 m, P. B./  
GA Darien 107.7 50000 h,v; 150 m, Stewart Broadcasting—initial decision, subject to reversal [Voice of Christian Faith  
IL Olney \*88.1 130 watts h,v; 62 m, g, Olney/  
KY Marion WMJL-FM 102.7 3000 h,v; 100 m, Crittenden County Bcstg. Co.  
KY Williamstown 106.5 3000 h,v; 100 m, Grant County Bcstrs. [m, Barbara Gretsche  
MN Albany KASM-FM 105.5 3000 h,v; 100/  
MN Duluth \*97.3 40000 h,v; 167 m, MN Public Radio—its third grant in this market  
MS Ebenezer (Goodman) 103.9 3000h,v; 100 m, Jimbar Enterprises  
MS Olive Branch (Memphis TN) 94.7 3000 h,v; 100 m, O. B. Bcstg. [ity Bcstg. Co.  
MS Richton 96.5 6000 h,v; 100 m, Commun-/  
MO Cuba 102.1 3000 h,v; 73 m, Lake Bcstg.  
MO Pleasant Hope (Springfield) 92.5 50000 h,v; 150 m, PH Bcstg. Co. [m, S. Radio  
MO Savannah (St. Joseph) 92.7 50000h,v; 150/  
MT Bozeman \*102.1 20400 h,v; 234 m, E. MT College [B. Benzra  
NV Indian Springs 99.3 6000 h,v; -51 m, Claire/  
NY Kingston \*91.7 9500 h,v; 83 m, d-a, g, Family Stations, Inc. (see also "Deletions")  
NY Troy WAMC-1 \*90.3, on air, power not announced (assumed 10 watts h). "It is needed, since the \*90.3 transmitter site is on Mt. Greylock, far to the east in Massachusetts"; also testing on 89.9  
NY West Point WKDT \*89.3 10 watts, \$[tereo] "is alive and on the air regularly," U. S. Military Academy, Army. "They have little to fear!" [American Media, Ltd.  
NC FairBluff 105.3 3000h,v; 100 m, Great/  
OK Bixby (Tulsa) 105.3 3000 h,v; 100 m, John M. Singer [H. Martin  
OR Sisters 104.1 1300 h,v; 216 m, Schuyler/  
PA Ridgway WKBI-FM 94.3 10 w booster  
PA Spangler 97.3 1600 h,v; 137 m, Raymark  
PA Telford WBMR \*91.7 120 watts h,v; 76 m, \$, but off the air. Applies for license renewal.  
SC Walhalla WGOG-FM 96.3 6000 h,v; 100 m, Appalachian Bcstg. Co.  
TN Columbia WAYM \*88.7 3500 h,v; 155 m, gr, SW FL Community Radio  
TN Paris WMUF-FM 94.1 3000 h,v; 100 m, Benton-Weatherford Bcstg. [Donnelly  
TX Hallettsville 99.9 3000 h,v; 100 m, Tom/  
TX McAllen \*88.1 2100 h,v; 77 m, RGV Educational Bcstg.  
TX Pearsall 94.1 3000 h,v; 91 m, John W. Barger  
VA Petersburg 100.3 3000 h,v; 100 m, Sandra M. Adair Vaughan  
WV Buckhannon W209AK \*89.7 (WMBI-FM 90.1 Chicago IL, via satellite)  
WV Fisher (12 km NE Petersburg) \*103.7 6000 h,v; 100 m, g, Bible Bcstg. Network  
WI Neillsville WISQ 92.7 3000 h,v; 100 m, J. H. Hackman [gan Bcstg. Corp.  
WI Plymouth 104.5 3000 h,v; 100 m, Sheboy-/
- gets new calls) [sr, 50000 h,v; 140 m  
FL Tallahassee 96.1 (from 95.9) WHBX (WTMG),/  
GA Evans \*92.3 WYFZ  
GA Toccoa Falls \*90.9 WRAF (WRAF-FM)  
GA Wrens 96.7 WAKB-FM (WRDW-FM), s, \$; with AM to return from bankruptcy as a 24-hour g station between Aug. and Oct.  
ID Sun Valley \*91.9 KFTN [[Blaze"  
IL Chicago 103.5 WWBZ (WFYR), r, "The/  
IN Anderson 97.9 WXXP (WLHN)  
IN Bicknell 105.7 WUZR (WXS)  
IN Seymour 93.7 WQKC (WZZB), k, to 37000 h,v; 60 m  
IN Syracuse 103.5 WAWC [h,v (109 m)  
IN West Lafayette 101.3 WFUC, to 2500/  
KS Norton 106.7 KVVV  
KY Georgetown 103.1 WTKT-FM (WTKT)  
KY Irvine 106.1 WCYO  
LA Alexandria 93.9 KDKS (KWQI)  
LA Breaux Bridge 96.5 KFTE  
ME Kennebunk 99.3 WKME  
MD Baltimore \*96.7 WHPS (WHVY)  
MD Grasonville 103.1 WHVY (WBEY)  
MA Orange 97.3 WFUB  
MA South Yarmouth 103.9 WVCU  
MI Lansing 101.7 WLYY (WKPK)  
MI Manistee 97.7 WMTE-FM (WRRK)  
MI Zeeland \*89.3 WGNB (WXYB)  
MN Blackduck 98.3 WBJI  
MN Duluth 101.7 KVNW  
MN Spring Valley 104.3 KVNG  
MS Cleveland 92.7 WDTL-FM (WQAZ)  
MS Tupelo \*88.3 WAFR [this summer  
MO Kirksville 107.9 KVCV, g, expected on/  
MO Ste. Genevieve 105.7 KSTZ (KNFX)  
MT Bozeman 95.1 KMMS (KUUB-FM)  
MT Great Falls 107.3 KFTC  
NE Plattsmouth 106.5 KOTD-FM (KZPG)  
NH Winchester 98.7 WKBK-FM (AM is in Keene)  
NJ Trenton \*88.1 WNJT-FM, on air  
NM Roswell 104.7 KVN B [Poughkeepsie  
NY Arlington 96.9 WKIP-FM (WEXT); AM is in/  
NY Babylon 102.3 WBAB'-FM" (WBAB-FM; AM in Freeport gets new calls)  
NY Briarcliff Manor 107.1 WXPS (WZFM), rp, "Express 107.1" (not strict), was "Magic 107"  
NY Copenhagen 106.7 WWLF'-FM" (WZQC)  
NY Cornith 93.5 WZZM'-FM" (WSCG)  
NY Honeoye Falls 107.3 WFUD  
NC Rose Hill 104.7 WBSY  
OH Delaware 107.9 WCEZ  
OH Harrison 104.3 WVCZ  
OH Montpelier 104.5 WLZZ (WYDF)  
OH Oak Harbor 97.3 WFUA  
OH Union City 97.5 WTGR (WBNN)  
OK Alva 104.7 KVN R  
OK Miami 100.9 KGLC-FM (KGLC)  
PA Erie 103.7 WMXE (WCCK), "Mix-103.7"

## Call Letters Assigned or Changed

- AL Linden 98.5 WINL (from WDAL)  
AL Mobile \*88.5 WBHY-FM (WAYF)  
AL Montgomery 96.1 WLNE-FM (WLNE);  
WLNE (TV), channel 6, is in New Bedford  
MA-Providence RI. The FM's "format is b, mostly instrumental, one of the few around these days!"  
AK Soldotna 96.5 KSLD (KUHK)  
AZ Buckeye 105.9 KYNI  
AZ Oro Valley 97.5 KVVN  
CA Atwater 92.5 KVRQ (KVRK)  
CA Bayside \*91.5 KZPN [watts h,v (561 m)  
CA Big Bear City 93.3 KBHR, to 60/  
CA Essex 98.9 KHUY (KHIW), "Highway"  
CA Freedom 107.5 KHTX (KPIG)  
CA Hanford 107.5 KMMA (KZZF), r, "rock/AC," NonID: "Soft Rock"  
CA Lindsay 103.3 KZPD  
CA Morro Bay 99.7 KWVW (KWVD), "Wave"  
CA Salinas 102.5 KDON'-FM" (KDON-FM; AM gets new calls)  
CA Sutter Creek 101.7 KMAT  
CO Colorado Springs \*89.7 KEPC (KTLF) \*90.5 KTLF (KEPC)  
CO Security 105.5 KHII (KBZE), "K-High"  
CO Snowmass Village 103.9 KSNO'-FM" (KSNO-FM; AM in Aspen gets new calls)  
FL Cocoa 99.3 WLRQ'-FM" (WLRQ-FM; AM

PA Altoona 98.1 WFGY (WFBG-FM), k, "Froggy 98"; one of PA's last b stations bites the dust!  
 PA Boalsburg 92.9 WVVC  
 PA Covington 101.5 WHMU  
 PA Johnstown 96.5 WKQS "FM" (WKQS-FM; AM gets new calls)  
 PA Mansfield 92.3 WMPA [h,v; 168 m]  
 PA Nanticoke 92.1 WYOS (WEAY), to 670/  
 PA State College 94.5 WGGY  
 SC Loris 105.9 WVCO  
 SC Scranton 102.9 WJZX, to 2900 h,v; 142 m  
 SC Walterboro 105.3 WONO  
 SD Canton 102.7 KIXK  
 SD Huron 99.1 KGTR (KURO), o, Unis.  
 SD Milbank 104.3 KPHR (KMSD-FM), "Power 104" [h,v (100 m)]  
 TN Loudon 105.3 WESK (WJDG), to 6000/  
 TN Memphis 101.1 KJMS (KHUL), "101 Jams"  
 TN Tullahoma 93.3 WHVK (WKQD), kr, "country rock"  
 TX Alice 92.1 KQNN (KOPY)  
 TX Austin 95.5 KKMJ-FM (KKMJ); AM is in Rollingwood TX  
 TX Floresville 94.1 KRIO-FM (KWCB); AM is in McAllen TX, now C2  
 TX Houston 97.9 KBXX (KFMK), sr, "The Box"  
 TX New Boston 103.5 KTKX (KTJB)  
 TX Quanah 100.9 KIXC "FM" (KIXC-FM; AM gets new calls)  
 TX San Antonio 107.5 KXTN (KZVE)  
 TX Santa Fe \*90.5 KFTG  
 TX Victoria 107.9 KIXS (KZEU), "Kicks 108"  
 VT Rutland 94.5 WYOY (WHWB-FM)  
 VA Newport News 97.3 WGH-FM (WGH)  
 WA Camas 94.7 KMUZ (KWQM)  
 WA Ellensburg \*90.7 KNWR (KZUC)  
 WA Seattle 100.7 KWMX (KSEA), "Mix 101"  
 WA Tacoma 103.7 KMTT (KBRD), r, "The Mountain"  
 WV Barrackville 93.1 WVCW  
 WV Kingwood 107.9 WFSP-FM  
 WV Montgomery 93.3 WZKM  
 WV Point Pleasant 99.5 WBYG (WZYI)  
 WV Spencer 104.7 WVRC-FM  
 WI Eau Claire 100.7 WBIZ-FM (WBIZ), still "Z-100" (strict)  
 MB Winnipeg 97.5 CJKR (CKIS), op, "97.5 FM" (from "Kiss 97 FM")

**Facilities Changes Granted**

*(Many of these have had facilities changes forfeited, as they have not applied for licenses for the new facilities; the former facilities are shown for such stations)*

AL Arab WCRO-FM 92.7 2250 h,v; 107 m  
 AL Decatur WDRM 102.1 222 m (100000 h,v)  
 AL Florence WXFL 96.1 2500 h,v; 158 m  
 AK Anchorage KPXR 102.1 25000 h,v; 50 m  
 AZ Payson KRMM 101.1 88300 h, 81000 v; 315 m, C1  
 AR Hot Springs KALR \*91.5 3000 h,v; 148 m, C2—coverage given in FM Atlas-13 too high on p. 102  
 AR Jonesboro KJBR 101.9 46 m (100000 h,v)  
 KFIN 107.9 183 m (98000 h,v)  
 AR Rogers KAMO-FM 94.3 5200 h,v; 216 m, C3  
 CA Berkeley KPFB \*89.3 460 h; -30 m, new d-a pattern  
 CA China Lake KSSI 102.7 -7 m (3000 h,v)  
 CA Greenacres KRAB 106.3 3900 h,v; 125 m  
 CA Julian KBNN 100.1 48 watts h,v; 677 m  
 CA Redding KVIP-FM 98.1 30000 h,v; 521 m  
 CA San Diego KKLO-FM 106.5 50000 h,v; 134 m [at San Pedro Mt., 2.6 km E. Marin CA  
 CA San Rafael KTID 100.7 480h,v; 243 m /  
 CA Santa Maria KXFM 99.1 1800 h,v; 579 m

CA Santa Rosa KXFX 101.7 2300 h,v; 323 m  
 CA Ventura KAGR 107.1 420 h,v (266 m)  
 CA Visalia KGYU 96.1 4800 h,v; 109 m, granted extension of time to build  
 CO Boulder KGNU \*88.5 1300 h,v; 66 m  
 CO Pueblo KVUU 99.9 75000 h,v; 610 m, no d-a  
 KGRQ 107.1 50000 h,v (103 m), C2  
 DE Laurel WDNO 95.3 6000 h,v (100 m)  
 DC Washington WGAY 99.5 22000h,v; 229 m  
 WGMS-FM 103.5 44000 h,v; 158 m, d-a  
 FL Avon Park WWOJ 106.3 4600 h,v (113 m), d-a [106.3 6000 h,v; 81 m]  
 FL Fort Myers Villas WSUV [103 m]  
 FL Homosassa Springs WXCW 95.3 2800h,v; /  
 FL Marianna WJNF \*91.1 43 m (380 h,v) [C1  
 FL Panama City WPAP 92.5 275 m (100000h,v), /  
 FL Plantation Key WFKZ 103.1 6000 h,v (88 m)  
 FL St. Petersburg WQYK-FM 99.5 168 m (100000 h,v)  
 GA Camilla WQVE 105.5 6000 h,v (91 m)  
 GA Columbus WFEX 104.9 2500 h,v (88 m) [m  
 GA Dock Junction WXMK 105.9 6200h,v; 149/  
 GA Midway WGO 98.3 (move from Jesup, transmitter to be 2 1/2 km S. at presently-authorized C1 site)  
 GA Royston WPUP 103.7 25000 h,v (100 m), C3  
 GA Thomasville WSTT 107.1 68200 h,v; 251 m, transmitter Leon County FL, C1  
 GA Tifton WPLH \*104.9 (from 107.5)  
 GA Trenton WBDX 102.7 246 m (500 h,v)  
 ID Lewiston KOZE-FM 96.5 25100 h,v; 226 m  
 ID Rupert KNAQ 92.5 3000 h,v; 63 m, Class A  
 IL Benton WQRL 106.3 25000 h,v; 100 m, B1  
 IL Chicago WXAV \*88.3 150 h,v; 39 m, nonDA  
 IL Columbia WCBW 104.9 4000 h,v (122 m)  
 IL Decatur WYDS 93.1 6000 h,v (100 m), d-a  
 IL Mount Carmel WVJC \*89.1 101 m (50000 h,v) [25000 h,v; 100 m, C3  
 IL Murphysboro WTAO 105.1 (from 104.9) /  
 IL Newton WIKK 103.5 (from 106.9)  
 IL Peru WLRZ 100.9 1000 h,v; 140 m  
 IL Sullivan WKJR 106.7 (from 106.3) 9500 h,v; 161 m  
 IN Monticello WMRS 107.7 4400 h,v (40 m)  
 IN Vevey WKID 95.9 2800 h,v; 94 m  
 IN West Terre Haute WWVR 105.5 90 m (3000 h) [000 h,v; 150 m, C2  
 IA Decorah KRDI 100.5 (from 100.9) 50- /  
 IA Des Moines 107.5 150 m (50000 h,v), reversal of grant in favor of Midwest Radio, Inc.; remove format indication [m (100000 h,v)  
 IA Iowa City KRNA 94.1 (from 93.9) 222 /  
 IA Newton KLVN 95.9 3000 h; 58 m  
 IA Sioux City KTFC 103.3 93000 h; 85 m  
 IA Webster City KQWC-FM 95.7 (from 95.9) 25000 h,v; 100 m, C3  
 KS Clay Center KCLY 100.9 6000 h,v (81 m)  
 KS Colby KTCC \*91.9 100 watts h,v; 30 m  
 KS Wichita KICT 95.1 274 m (100000 h,v)  
 KY Jackson WJSN-FM 97.7 580 h,v; 186 m  
 KY Jenkins WIFX 94.3 4200 h,v; 477 m  
 KY Louisa WSAC 92.3 4500 h,v; 115 m  
 KY Richmond WMCQ-FM 101.7 70 m (3000 h,v) [103 m (5200 h,v)  
 KY Salyersville WRLV-FM 97.3 / [101.5  
 KY Vine Grove (from Buffalo) WRZI / [m, C3  
 LA Belle Chasse KNOK 102.9 5200 h,v; 184 /  
 LA Clinton WQCK 92.7 32000 h,v; 184 m, C2  
 LA Lake Charles KBIU 103.7 143 m (100000 h,v) [(CP for 250 h,v cancelled)  
 LA Natchitoches KNWD \*91.7 10 w/h [m]  
 LA North Fort Polk KCIJ 106.7 6000 h,v (100 /  
 ME Bangor WHSN \*89.3 140 h,v; 20 m  
 ME Farmington WUMF \*100.5 13 watts h; -57 m  
 ME Waterville WMHB \*90.5 horizontal only  
 MD Bethesda WMMJ 102.3 2900 h,v (146 m)  
 MA Marshfield WATD-FM 95.9 3000 h,v; 67 m  
 MA Worcester WICN \*90.5 8100 h, 7200 v; 122 m, d-a  
 MI Ludington WKLA-FM 106.3 4100 h,v; 122 m  
 MI Novi WOVI \*89.5 100 watts h,v; 20 m, A  
 MI Port Huron WSAQ 107.1 6000 h,v (91 m)  
 MI Sault Ste. Marie WSUE 101.3 90000 h,v; 67 m  
 MN Alexandria KIKV 100.7 244 m (100000 h,v)  
 MN Cambridge KXLV 105.3 (from 105.5) 17000 h,v; 120 m, C3  
 MN Duluth KDNW \*90.5 1300 h,v; 245 m, C3

MN Moorhead KVOX-FM 99.9 116 m (100000 h,v) [m, C2  
 MN Rochester KRCH 101.7 39100 h,v; 169 /  
 MN Willmar KOIC 102.5 253 m (100000 h,v)  
 MS Bay Springs WIZK-FM 93.5 43 m (3000 h,v)  
 MS Corinth WADI 95.3 4200 h,v (64 m)  
 MS Lexington WAGR-FM 102.5 12500 h,v; 140 m, C3 [m, C2, k format  
 MS Lumberton WLUN 95.3 33000 h,v; 181 /  
 MS Newton WMYQ-FM 106.3 49 m (3000 h,v); silent. "The market is pretty crowded, and I doubt any investor would want to put the station back on the air. The tower was reduced from 203 to 197 feet to avoid the cost of lighting it, showing how serious its financial problems were."  
 MS Oxford WKLJ 107.1 91 m (3000 h,v)  
 MO Ava KKOZ-FM 92.3 4000 h,v (116 m)  
 MO Bonnet Terre KDBB 104.3 750 h,v; 198 m  
 MO Canton KBXB 102.3 6000 h,v (91 m)  
 MO Kirksville KRXL 94.5 94000 h,v (308 m)  
 MO Lebanon KLWT-FM 107.9 (from 92.1) 50000 h,v; 117 m  
 MO Union KLPW-FM 101.7 2100 h,v; 104 m [m]  
 MT Great Falls KMOM-FM 94.5 36000h,v (143 /  
 MT Missoula KMSO 102.5 220 m (25000 h,v)  
 NE Grand Island KRGI-FM 96.5 128 m (100000 h,v) [h,v; 141 m, C2  
 NE Winnebago KSUX 105.7 50000 / [v]  
 NJ Berlin (new) \*88.1 97 m (1 watt h, 120watts /  
 NJ New Brunswick WRSU \*88.7 1350 h,v; 38 m  
 NJ Fort Lee W276AQ 103.1 has WYNY 103.5 Lake Success NY on it, not WHTZ 100.3 Newark; had some original programs; later off the air and with low modulation "beep, beep" with stereo pilot on.  
 NJ Margate City WMXL 96.1 2000 h,v; 120 m, transmitter Atlantic City  
 NM Belen KARS-FM 97.7 100000 h,v; 30 m, C  
 NY Canandaigua WLKA 102.3 3000 h,v; 87 m  
 NY Mount Kisco WVIP-FM 106.3 1400 h,v; 134 m [m, World Trade Center  
 NY New York WRKS 98.7 5900 h,v; 415 /  
 NY Patchogue WALK-FM 97.5 39000 h,v; 169 m, d-a  
 NY Ravena WRVA 94.5 100 m (3000 h,v)  
 NY Rochester (new) 105.9 1800 h,v; 420 m, CP to Victorston Group, Inc.  
 NY Schoharie WMY 97.3 810 h,v (270 m)  
 NY Southampton WHFM 95.3 5000 h,v (113 m), d-a [v; 140 m  
 NC Buies Creek WCCE \*90.1 22400 h, 22000 /  
 NC Fayetteville WFSS \*91.9 (from 89.1) 100000 h,v (107 m, d-a)  
 NC Franklin WFRF 96.7 6000 h (91 m)  
 NC Raleigh WCPE \*89.7 207 m (100000 h,v)  
 NC Wilmington WHQR \*91.3 1500 h,v; 387 m  
 OH Archbold WMTR-FM 96.1 3800 h, 3300 v (122 m) [121 m  
 OH New Philadelphia WNPQ 95.9 2000 h,v; /  
 OK Anadarko KRPT-FM 103.7 75000 h,v; 85 m  
 OK Ponca City K272AA 102.3 still has KNYD \*90.5 Broken Arrow, as new 89.9 translator still unbuilt. "This may change when KYND builds their own translator. The Love Station, Inc., applied Feb. 19, 1991 to the FCC for a C3 license in Ponca City at 88.7 FM. We will have a contemporary Christian format."  
 OK Sallisaw KKID-FM 95.9 30000 h,v (190 m)  
 OR Bend KICE 100.7 50000 h, 20000 v; 158 m  
 OR Coos Bay KYTT 98.7 31000 h,v; 173 m  
 OR Corvallis KSHR-FM 97.3 30900 h,v (261 m)  
 OR Corvallis K276BU \*103.1 has KOPB-FM \*91.5 Portland on it, instead of KIQY 103.7 Lebanon. "KIQY donated it." [h,v)  
 OR Gleneden Beach (new) 100.7 358 m (8400 /  
 OR Newport K292EQ 106.3 (from K265AY 100.9)  
 OR Oakridge KSDC 92.1 3100 h; -249 m  
 PA Central City WYSN 101.7 500 h,v (198 m)  
 PA Huntingdon WQHG 106.3 6000 h,v; 47 m  
 PA Jersey Shore WRKK 97.7 6000 h,v (90 m)



P.O. Box 14  
 Ponca City, OK 74602-0014



PA Middletown WMSS \*91.1 1350 h.y.; -21 m  
 PA Palmyra WCTX 92.1 3300 h.y (91 m)  
 PA State College WTLR \*89.9 25000 h.y.; 199 m  
 SC Columbia WAAS 93.5 135 m (3000 h.y)  
 SC Hilton Head Island WFXH 106.1 10400 h.y.;  
 242 m [h.y.; 150 m  
 SC North Charleston WYFH \*90.7 50000/  
 SD Vermillion KVHT 106.3 6000 h.y (78 m)  
 TN Gatlinburg WDLY 105.5 650 h.y.; 294 m  
 TN Knoxville WIVK-FM 107.7 96000 h.y.; 626  
 m, with Claude Thomlinson, morning disc  
 jockey for 38 years retiring, "perhaps the  
 single most dominant air personality in any  
 top 100 market in the country."  
 TX Caldwell KHEN 95.1 6000 h.y (100 m)  
 TX Clifton KWOW 103.3 8400 h.y.; 175 m, C3  
 TX Corpus Christi KRYS-FM 99.1 283 m  
 (100000 h.y)  
 TX El Paso KAMA-FM 94.7 61000 h.y.; 299 m  
 TX Haskell KVRP-FM 95.5 162 m (100000 h.y)  
 TX Liberty KSHN 99.9 26000 h.y.; 207 m [m]  
 TX Livingston KETX-FM 92.3 50000 h.y (185/  
 TX Lufkin KSWP \*91.1 380 h.y.; 53 m  
 TX Navasota KNAV 92.5 3600 h.y (80 m)  
 UT Logan BBLQ 92.9 50000 h.y.; 47 m [m]  
 VT Brattleboro WKVT-FM 92.7 1800 h.y (186/  
 WTSB 96.7 5300 h.y.; 50 m  
 VA Hampden Sydney WWHS \*92.1, listed as not  
 being licensed on that frequency, but staying  
 there, because it cannot move back to 91.7, as  
 WLCC Farmville VA has applied for 91.7.  
 VA Louisa WLSA 105.5 3300 h.y (91 m)  
 VA Luray WLCC 105.7 540 h.y (329 m)  
 VA Orange WJMA-FM 98.9 3100 h.y (98 m)  
 WA Aberdeen KDUX-FM 104.7 31000 h., 21000  
 v (110 m)  
 WA Goldendale KZPC 102.3 1800 h.y.; 175 m  
 WA Mount Vernon KSVR \*90.1 stays 10 watts h  
 WA Othello KZLN 97.5 4600 h.y.; 232 m, C3  
 WA Seattle KLTX 95.7 360 m (100000 h.y)  
 KZOK-FM 102.5 357 m (100000 h.y)  
 WV Elkins WELK 94.7 5000 h.y (222 m)  
 WV Fairmont WRLF 94.3 3600 h.y.; 76 m  
 WV Fort Gay WFGH \*90.7 remains h only; CP  
 for vertical forfeited [(244 m)  
 WV Ronceverte WRON-FM 97.7 1000 h.y/  
 WI Black River Falls WWIS-FM 99.7 25000 h.y  
 (100 m), C3  
 WI Kewaunee WAUN 92.7 6000 h.y.; 89 m, d-a  
 WI Lancaster WJTY \*88.1 still 12000 h.y.; 143 m,  
 but from a new site where "stray voltage"  
 won't affect nearby dairy cows [100 m, C3  
 WI NewRichmond WIXK-FM 107.1 12200 h.y.;  
 WI Richland Center WRCO-FM 100.9 6000 h.y  
 (73 m); adds vertical [(98 m)  
 WI Wisconsin Dells WNNO-FM 107.1 3100 h.y/  
 WY Lander KDLY 97.5 62000 h.y.; -127 m  
 WY Laramie KUWR \*91.9 344 m (100000 h.y)  
 PR San Juan WIOA 99.9 50000 h.y (226 m)

**Stereo—Or to be Stereo**

AL Vernon WJEC 106.5, mr, ID with Fayette  
 FL Key Largo WZMQ 103.9, Spanish, l, relay  
 of WCMQ-FM 92.3 Hialeah FL, but tempor-  
 arily off the air [(102.5), k  
 FL Summerland Key WPIK 102.9 (not moving to/  
 GA Millen WMKO 94.9; its translator on 100.1 in  
 Augusta barely heard in North Augusta SC;  
 translator site at the old WRDW-TV tower,  
 near the WRDW-TV 12 studio.  
 LA Monroe KEDM \*90.3, cj, NPR, directional.  
 "I put it on the air yesterday. This is the  
 public station, while KNLU \*88.7 Monroe is  
 the student station."  
 MI Allegan WKGH 92.3, k, on air as a CP. "We  
 expect soon to receive our license."  
 MI Whitehall WPBK-FM 97.5, k, traditional  
 country, "K Country" (not strict). "This  
 means the last independent AM station in  
 Muskegon County (WPBK 1490) now has an  
 FM, which the AM simulcasts 100%. AM is

dead in Muskegon County!"  
 MS Utica WJXN-FM 92.9, o [Idies]  
 NY Fort Plain WLKO 101.1, simulcasting WBUG  
 1570 Amsterdam. "WLKO calls are heard just  
 once an hour, and all of the news is  
 Amsterdam news. I wonder if this is a  
 permanent arrangement?" NonID: "WBUG."  
 NY Little Falls WOWB 105.5, rm, "satellite  
 programmed and quite dull."  
 NY Whitehall WNYV 94.1, mr, not k as  
 announced before; simulcasts its AM  
 OR Brownsville KGAL-FM 102.3  
 OR Phoenix KROG 105.1  
 TX Los Ybanez KYMI 107.9. The town appears  
 in the 1990-91 Texas Almanac, and is 10 km  
 SE of Lamesa, population 284.  
 TX South Padre Island KZSP 95.3, "Oldies 95  
 FM" (from "Z-95")  
 WI Sturgeon Bay WPFM \*90.5

**Format Changes**

*Formats are the same as in the "FM Atlas"*

AL Birmingham WMJJ 96.5 o  
 AL Florence WQLT 107.3 o  
 AL Huntsville WAHR 99.1 rm  
 AR Ashdown KARQ 92.1 k, drops Texarkana ID,  
 where it had a poor signal and not interested  
 in a C3 upgrade to become "one of 14  
 Texarkana stations; much programming auto-  
 mated from studios at KDQN-FM 92.7  
 De Queen AR.  
 AR Springdale KCIZ 104.9 b  
 CA Fresno KSKS 93.7 rs, "Kiss FM"  
 CA Redondo Beach KFOX 93.5 ek. Popular  
 Korean deejays Hwan Lee and In Hee Park are  
 heard 7 a.m. to 5 p.m.; country at night.  
 CT Bridgeport WEZN 99.9 rm, "rotten music,"  
 now "FM 99.9" (strict—from "EZ-100")  
 FL Fort Lauderdale WAXY 105.9 rm, "Mix  
 105.9," not "lame," and hardening from  
 "Waxy FM"  
 FL Greta WGWD 100.7 o [Idies]  
 FL Vero Beach WQOL 103.7 o, Unis.  
 GA Adel WDDQ 92.1 t, travel info; remove  
 \$[tereo] [love songs" and some jazz  
 GA Athens-Atlanta WALR 104.7 sj, wi with "black/  
 GA Augusta WOPW 102.3 r, "rock AC,"  
 dropping "Power 102." "I don't think they  
 gave the other format enough time to work,"  
 after dropping country eight months ago.  
 IL Bethalto (St. Louis MO) WXJO 95.5 t—  
 children's radio. It will be the originating  
 station for an "Imagination Station Network."  
 IL Highland Park WVVX 103.1 e, drops nitely  
 rock, mono  
 IL Tuscola WITT 93.5 k  
 IN Brookston WKJM 95.3 b (moving from  
 Monticello IN)  
 KY Eminence WXLN 105.7 gr  
 LA New Orleans WMXZ 95.7 rm  
 LA Washington KNEK-FM 104.7 s  
 KY Whitesburg WMMT \*88.7 fr; has an 800  
 number to call for ordering tapes  
 MD Salisbury WDVH 105.5 still m, but now  
 leased by WLWV 960; adds some talk  
 MI Allendale WGVU-FM (from WGVU) jn, with  
 large blocks of NPR and local news in drive  
 times.

MI Glen Arbor WMLB 98.1 rm  
 MI Grand Rapids WEHB \*89.9 ks; also r, g, m  
 WFUR-FM 102.9 g, "no EZ any more"  
 MI Holland-Grand Rapids WYXX 96.1 mr,  
 "Magic 96.1" (strict), Format 41  
 MI Pinconning WMJT 100.9 rm, "Magic," back  
 on air [few rock currents mixed in"  
 MI Saugatuck WEVS 92.7 or, "oldies with a/  
 MI Wyoming WYCE \*88.1 pf; almost no "e"  
 MN Detroit Lakes KKDL 95.1 o, "Cool"  
 MN Sauk Rapids WHMH 101.7 r  
 MS luka WFXO 104.9 r, still "The Fox," adding  
 Corinth, Tupelo, Savannah (TN) to its ID  
 MS Magee WMJW 107.5 s, black oldies, being  
 leased to WKXI 1300 Jackson MS, and will  
 simulcast WKXI  
 MO De Soto KDJR 100.1 rm  
 MT Billings KOHZ 103.7 mr  
 NM Gallup KKOR 94.5 rm  
 NM Roswell KSFX 100.5 op, SMN classic rock  
 NY Albany WROW-FM 95.5 rm, dumping b  
 NY New York WNYE \*91.5 is French mono  
 about 20% of its schedule  
 NY Henderson WLKC 100.7 k  
 NY Hoosick Falls WNGN 97.5 gr  
 NY Newburgh WGNV 103.1 still rm, but now  
 "Energy 103" (from "Sunny 103"); is  
 "boring! Yawn!"  
 NY New Rochelle WRTN 93.5 m, with a very  
 little Spanish late nights, "sometimes"  
 NY New York WNSR 105.1 rm, dropping its Sat.  
 night oldies show. "Station said to be  
 scrambling for listeners and is floundering in  
 the ratings. . . Trying to add less burnout  
 songs, but is still a yawner!"  
 NY Peekskill WHUD 100.7 mr, "lame burnouts"  
 NC Edenton WZBO-FM 102.3 op, classic rock  
 NC North Wilkesboro WKBC-FM 97.3 rm  
 ND Fargo KSMM 107.9 op  
 OH Milford WRBZ 107.1 r, SMN Heat  
 OK Bethany KNTL 104.9 gr, resumes \$[tereo]  
 OK Durant KLAK 97.5 rm, not country. "I don't  
 know how you could confuse AC with  
 country, but they did."  
 OR Grants Pass KF MJ 96.9 rm, back on air  
 PA South Williamsport WFXX-FM 99.3 k,  
 "WFOX" misID, from "The New Fox 99.3"  
 PA Williamsport WWAS \*88.1 rm, "Rock 88"  
 TX Anson KKHR 98.1 o, remove Spanish  
 TX Belton KYZZ 106.3 o, SMN Pure  
 TX Eastland KVMX 96.7 m, leaning more to  
 country than to rock  
 KEAS-FM 97.7 kc, with Saturday Metropolitan  
 Opera a regular feature  
 TX El Paso KEZB-FM 93.9 rm  
 TX Harker Heights KLFX 105.5 op, not oldies  
 TX Port Lavaca-Victoria KPLV 93.3 k, "93  
 Country" (from "V-93")  
 VA Bridgewater WRDJ-FM 105.1 rm  
 VA Cape Charles WKSX 96.1 sr; applied to  
 change calls to WMXS, but staying with  
 WKSX  
 VA Front Royal WFTR-FM 95.3 rm  
 WI Fond du Lac WFON 107.1 o, "Cool 107"  
 WI Kaukauna WKFX 104.9 o  
 WI Merrill WMZK 104.1 op, still "Z-104"  
 WI Wisconsin Public Radio stations (network  
 which was tc in its format) now tj (correction  
 from "cj" in Feb.), with only Saturday and





WA Othello 97.5C1 for C2, KZLN, June 10, 25  
 WI Ladysmith 93.1A for 92.7A, WLDY-FM, May  
 30, June 14 [with Sun Prairie  
 WI Mauston 102.9A for 92.1A, WRJC-FM/  
 WI Sun Prairie 92.1B1 for A, WMAD-FM, June  
 10, 25

**FM Rulemakings Finalized**

*Dates are when FCC filing windows are open*

AZ Cottonwood 95.9C1 for A, KSMK  
 AZ Prescott 98.3C2 for A, KNOT-FM  
 AR Fayetteville 92.1C3 for A, KKEG  
 AR Mountain Home 105.5C2 for A, KPFF  
 CA Beaumont 100.9A, June 3-July 3  
 CA Johannesburg 103.9B1 for A, KRAJ  
 GA Midway (from Jesup) 98.3C1, WCGO  
 ID Weiser denied KWEI-FM's bid for 107.9C2  
 and refused 107.5C2, which was offered  
 instead, since only 107.9C2 met KWEI-FM's  
 spacings from the tower site it wanted;  
 107.5C2 is available for other petitioners.  
 IL Columbia WCBW 104.9C3 for A, WCBW  
 IL Gillman denied 103.3A bid, because Jerry  
 Rosaluis, petitioner, failed to show a contin-  
 uing interest in the channel  
 KS Arkansas City 102.7A, site to be 2.1 km SE  
 because of KZSN 102.1 Hutchinson KS, June  
 7-July 8  
 KS Augusta (new CP) 104.5C2 for A  
 KS Winfield 107.9C2, site to be 29 km SE  
 because of KREJ 95.9 Medicine Lodge KS  
 and KWKL 106.5C Arkansas City KS, June  
 7-July 8  
 KY Vine Grove (from Buffalo) 101.5A, WRZ1,  
 site to be 11 km S. to avoid a short spacing  
 with WKUE \*90.9 Elizabethtown KY. Will  
 no longer serve Buffalo, which is left with  
 only an AM station, WXAM; Vine Grove is  
 near Radcliff-Fort Knox. [105.5A  
 KY Glasgow denied WWWQ's bid for 105.3A for/  
 LA Erath 107.7C3 for A, KKKW  
 MI Boyne City 93.5C2 for A, WCLX  
 MI Marlette 92.5A, site to be 9.4 km SE because  
 of WDZZ 92.7A Flint, May 31-July 1  
 MI Stephenson 106.3C2, for 102.3A, June  
 4-July 5  
 MS Clarksdale 101.5C3 from 101.7A, WWUN  
 MS Water Valley 105.5A from 101.5A  
 NM Hobbs 96.5A, June 4-July 5  
 NM Los Lunas 106.3C1 for A, KZPY  
 NM Taos 99.9C for C2, KRBJ  
 NC Rocky Mount 98.5C3 for A, WSAV-FM  
 ND Bismarck 101.5C, June 4-July 5  
 OH Geneva 104.7A for 104.9A, WDON, at a site  
 15 km west to provide 6 kw coverage; WZLE  
 104.9 Lorain OH supported the move as a  
 means of reducing interference in its secondary  
 coverage area.  
 OH Hannibal dismissed Seven Ranges 99.5A bid,  
 saying Hannibal is not a community (!)  
 OH Ripley 98.5C3 for A, WXKD  
 OK Altus 107.9C2 for A, KEYB  
 OR Creswell 95.3C3 for A, KAVE  
 OR Florence 106.9A, May 21-June 20  
 PA South Waverly 96.1A, site to be 11.3 km W to  
 avoid a short spacing to WFLR-FM 95.9  
 Dundee NY and WPEL-FM 96.5 Montrose  
 PA, June 4-July 5  
 SC Pamplico 102.1C2 for A, WMXT  
 SD Volga 102.3C3 for A, KKQQ  
 TN Livingston 95.9C3 for A, WXKG  
 TN Waynesboro 94.9C3 for A, WTNR-FM  
 TX Ingram dismissed R. Phipps' bid for 107.1A  
 TX Levelland dismissed 98.5A bid by KLVV.  
 Opposing it were Delbert L. Kirby and Dean  
 Kirkpatric. KLVV then asked its proposal be  
 dismissed.  
 VT Brandon 101.5A from 101.9A [WCVR  
 VT Randolph WCVR-FM 102.1C3 from 102.3A/  
 WA Dayton 92.5C1 for A, KZHR  
 WA Spokane 103.9C2 from C3, KVXO  
 WV Bethlehem 105.5B1 for A, WHLX  
 WV Buckhannon 93.5B1 for A, WBTO  
 WI Adams 106.1A, May 31-July 1  
 WY Laramie 104.5C2, June 3-July 3

**FCC Allows "Pioneer Preference," But NAB Says Licensing Abuse Will Follow**

The FCC voted to change the spectrum allocation rules to give preference to those who propose or develop new services and technologies. The Commission said the "pioneer's preference" will help ensure that innovators will help participate in new services. Eddie Fritts of the NAB, however, said the new procedure invites unsubstantiated and premature requests for spectrum, which would delay the licensing process. Pioneer's preference recipients would be guaranteed a license to operate a new service without having to go through a competitive hearing with other applicants, but they would not get a head start to enter the market before competitors. Included in the preference would be proposals for sharing of the spectrum with existing users.

**WJHU Given New Lease on Life**

Given only one year—until this month—to be self supporting by its licensee, Johns Hopkins University, WJHU \*88.1 Baltimore has more than met the goal. According to Robert Jones, vice president of the college, "the station has been remarkably successful both in meeting the needs of listeners and in attracting sufficient financial support to operate in a self-sustaining basis." The latest Arbitron showed it increasing 17 percent in audience over the fourth quarter of last year, while Birch found the morning drive time audience up 33 percent over the previous quarter. Its morning share of 2.4 ranked it 11th in the market. "We succeeded in convincing the university that the radio station can be a great communications resource for them," said Dennis Kita, acting general manager.

**Two Stations Hit With Fines for Obscenity (read with discretion)**

Portions of the "Michaels in the Morning Show" of Sept. 27, 1989, on WVIC-FM 94.9 East Lansing MI were deemed obscene by the FCC. The broadcasts made explicit and repeated reference to a sexual organ in the context of soliciting mock headlines for an allegedly true incident, reported in a tabloid newspaper, involving part of the man's anatomy becoming trapped in the drain of a hot tub during his honeymoon. Callers followed the host's approach, suggesting headlines such as "man ties knot, loses nut," "drain sucks off man," "honeymoon drains testicle," etc. Goodrich Broadcasting, licensee, was fined \$2000.

An even more blatant use of foul language was on KCNA 102.7 Cave Junction OR, owned by Sound Broadcasting Corp., with broadcasts of Oct. 17 and Nov. 3, 1989, when the host was arguing with a caller, who was from a competing radio station, "KZMX" [sic]. I'll spare you the

transcript of the calls, but the FCC concluded that "we find that both subject broadcasts fit squarely within the definition of indecency," finding especially announcer Guv Kemp guilty of poor judgment. KCNA was fined \$4,000. Both stations have 30 days to appeal.

**Small Print Happenings and FM Industry News**

The Corporation for Public Broadcasting announced its intent to invest \$350,000 in new technologies, including studying digital radio, as well as interactive TV. FCCommissioner Ervin S. Duggan recently said that pressures to "get it finished" go against the wisdom of moving intelligently and deliberately in coming up with the best possible system of digital audio broadcasting. He summarized the issue in this family poem:

*For every problem 'neath the sun,  
 There is an answer, or there's none.  
 If there is an answer, find it;  
 If there is none, never mind it.*

WMPR \*90.1 Jackson MS is "in very, very, very hot water with the FCC because they are running actual commercials and even doing remote broadcasts from stores and mentioning sale prices," reports a confidential FMedial source there.

Two noncommercial stations were hit with fines for running commercials. KCEP \*88.1 Las Vegas was fined \$3,000 for running enhanced underwriting messages from "commercial supporters," with copy resembling what you hear in actual radio spots. KMQX \*89.1 Springtown TX was fined \$5,000 for "repeated violations" which promoted the sale of goods and services of for-profit entities. Commercial station WDAX-FM 95.3 and its AM in McRae GA fined \$1,800 for violation of sponsorship identification rules.

CKMR 93.9 Windsor ON, in an effort to be more competitive with stations across the border in Detroit, is asking the CRTC to allow it to be a little less truthful in its advertising. Under current rules, for example, a Budweiser blurb claiming to be "the king of beers," cannot be aired because there is no empirical proof that it is, indeed, the king of beers. Also from the M Street Journal, WY TZ 94.7 Chicago's transition to "Hot 94.7" has drawn fire from WXLG 102.3 Waukegan, which goes by "Hot 102.3."

Contrived news stories may jeopardize licenses, or at least bring out fines. KROQ-FM 106.7 Pasadena CA admitted its morning person concocted a story about an anonymous listener (Doug Roberts, a Phoenix announcer later hired by KROQ-FM) confessed over the phone to murdering his girlfriend. Three announcers are suspended from the station, and L.A. homicide says KROQ-FM will be billed for 149 hours of investigative work, and the FCC is set to investigate. KROQ-FM is owned by Infinity Broadcasting, employer of Howard Stern, based at WXRK 92.3 New York. However, instead of its own station taking the show when it moves to L.A., competing KLSX 97.1 is said to be close to bringing him to that market.

Broadcasting a mock warning of a nuclear attack during the Persian Gulf War drew a hefty fine from the FCC to KSHE 94.7 Crestwood-St. Louis MO. The FCC was not humored, saying the Jan. 29 stunt by DJ John Ulett could have caused widespread panic. Also fined: WAAG 94.9 and its AM in Galesburg IL for unauthorized transfer of control, including a charge of alien ownership of stations. Galesburg Broadcasting was fined \$25,000; it also owns K11K 95.9 and AM Fairfield IA.

FM stereo marks its 30th anniversary, and telling the story was Broadcasting in its Apr. 15 issue. Even though digital audio broadcasting is being talked about these days, the reality is that we have an FM stereo system which works, and which is compatible with monaural radios. Among the first FM stereo stations in 1961 were

KIOI 101.3 San Francisco and WAYL 96.1 Minneapolis (later moving to 93.7). WAYL, where I was an ad salesman 1962-63, had acquired an early FM stereo transmitter from Jim Gabbert at KIOI, which had changed calls from KPEN. Unlike DAB today, the advent of FM stereo was not met with much excitement. I can remember being in the big Wards store on Snelling Avenue in St. Paul and asking why the radio-phonograph combinations did not include FM stereo. "Too expensive," was the reply. "If people want that option they can pay more for a set that has it," I was told.

Monophonic receiver compatibility gave the Zenith system the edge, said Carl Eilers, a Zenith engineer. SCA compatibility was important, too, for about 200 stations at that time were on the air with side-band transmissions that might have made the difference between profitability and going under. The final system gave the nod to proposals of both Zenith and General Electric. Retired FCC engineer Harold Kassens said the FM stereo decision was the first of two which led to FM's eventual dominance over AM. The second was a change in rules in the mid-1960s allowing for vertical or circular polarization to enable better reception in a moving vehicle. Kassens said "once you had stereo in the car and good FM reception in the car, you had it made. That combination of the two of them is why FM took off." Also helping FM gain popularity, I feel, was the AM-FM nonduplication rule, which originally required common owned stations in the same city (if 100,000 or more) to program separately at least 50 percent of the time. This forced many broadcasters to devote attention to FM, including WRKS 98.7 New York changing from WOR-FM. The rule was later made more stringent, applying to stations in cities as small as 25,000 and covering up to 75 percent of the broadcast day. Now it has been done away with, although there are murmurings of bringing it back in some form or another, possibly as a way of helping AM radio.

FCC delays until June 1 its new rules for FM translator stations, instead of May 1 as originally announced. On May 3 the FCC had a brown bag luncheon on the new translator rules; I have asked if they might be able to provide a tape of the session, and if so, I'll present a summary of it in an upcoming issue. Howard Enstrom mentioned that you can still do a lot of things with an FM translator, including being able to broadcast emergency messages. He recommends having a gasoline generator and a wireless mike so that you can talk over the input frequency of the translator and provide a much-needed service to your community. He says the new rules only apply to picking up commercial stations. If you are the licensee of a commercial translator and wish to pick up a noncommercial station, there is nothing stopping you from accepting money from the noncommercial station to help with your operation, even if you are carrying a distant station. I look forward to increasing the power of my translator and possibly changing its location. The NAB, meanwhile, keeps up its attack on translators, urging the FCC to reject all proposals to "transform FM translators into a for-profit, low-power radio service."

Wanna form a network? Dick Wootton of Conroe TX is soliciting interest in what he calls an 80 percent affiliate-owned satellite network. For a \$295 sign up fee and stock interest in the network plus another \$295 per month, it could be in business. Wootton's number is (409) 760-4373.

CKQN 99.3 Baker Lake NT is a community-owned private radio station, and it's in need of financial assistance to purchase updated equipment so it can properly serve the Inuit community of 1500. Announcers are volunteers, and it is the only local station in its area. Maybe if enough money comes in, it could convert to stereo. "It would be very much appreciated if any of you kind Canadians who are reading this, send any

amount of donations payable to CKQN FM, Box 13, Baker Lake, Northwest Territories X0C 0A0." You'll see in my "FM Atlas" the station doesn't have much power or coverage.

FCC speaks out on time brokerage, saying no such arrangement should be started which gives an "undue amount of control" over another station, or where a station would "abdicate ultimate control in the areas of finances, personnel matters and programming." All such stations would have to keep public inspection files, reject programs not in the public interest and maintain a main studio in the city's principal community and air station identifications. At any point, the Justice Department might enter if it is deemed an anti-competitive arrangement has been created. The FCC has approved time brokerage agreements between KKFM 96.5 Colorado Springs and KKMG 98.9 Pueblo, as well as the following: KAMG (AM) Victoria would program from 6 a.m. to midnight seven days a week KPLV 93.3 Port Lavaca TX. WQPO 100.7 Harrisonburg VA would enter into a time brokerage agreement with WPKZ 98.5 Elkton VA.

Because of budget shortfalls, the University of Minnesota Board of Regents has recommended eliminating funding for KUOM AM 770, which shares the frequency with WCAL Northfield MN. The administration of Mankato (MN) State College has recommended that KMSU \*89.7 there be discontinued—this after KMSU recently converted to 24-hour-per-day operation.

Almost unnoticed in the shuffle when Minnesota Public Radio bought WLOL 99.5 Minneapolis from Emmis Broadcasting were staff firings at MPR. The Duluth announcer, Paul Danilewski, was reportedly transferred to the Twin Cities when the sale was approved, since his former noon and supertime classical shifts were taken over by the network. I called MPR and learned that he is no longer on the payroll. Similar firings may have occurred with local music announcers at KSJR



**Jim Wychor**

\*90.1 Collegeville MN and KLSE \*91.7 Rochester MN. The Minnesota Broadcasters Association, under the direction of Jim Wychor, continues its vigilance against MPR, urging state funding for the non-MPR AMPER Stations in MN.

WETA-FM \*90.9 Washington DC seeks a \$150,000 grant from the Public Telecommunications Facilities Program, or 75 percent of the \$200,000 cost to fund the station it is applying for in Hagerstown MD-Chambersburg PA, considered an "unserved area," 70 miles from Washington DC.

WAMC \*90.3 Albany NY opens a sales office near where its transmitter is—in Great Barrington MA. "The station is growing so quickly, it was time to expand and get out of Albany," said Greta Willig, station development associate.

Georgia plans a rare public broadcasting cut, which would force stations like WUGA \*91.7 Athens not to add programming, replace equipment, and to freeze hiring. "Right now, we just hope we don't have to lay anyone off," said Gene Craven, WUGA general manager.

New York public broadcasting cuts of 50 percent as proposed by Gov. Mario M. Cuomo would affect stations like WSKG-FM \*89.3 Binghamton. "It could be the demise of public broadcasting as we know it in New York," said Michael J. Ziegler, president of the station.

OH Columbus WCBE \*90.5 had fiscal problems traced to rejection of a local levy last November. The reaction will be of more than 10 percent of the station's \$765,000 budget, which takes effect July 1. Meanwhile, the state of Ohio

cut funding to public broadcasting by 15 percent. And public broadcasters in Alaska are bracing for what could be a proposed 30 percent cut in funding. Possible consequences "range from eliminating all funding for public television to eliminating half of the public radio stations in the state," said Diane S. Kaplan, executive director of Alaska Public Radio Network. Oregon hit, too, by funding cuts, including a taxpayer revolt and loss of two critical underwriters. Oregon Public Broadcasting laid off 10 employees, affecting both radio and television. Its funding was cut 10 percent, or \$350,000 annually, with additional revenue shortfalls forcing OPB officials to cut another \$900,000.

The magazine with WNCN and WQXR-FM New York city program guides bound in has changed its name from Classical to Classic CD, a magazine you can listen to, and each \$7.95 issue comes complete with a full-length CD sampler featuring excerpts of recordings mentioned.

Satellite CD Radio, which petitioned the FCC for satellite-delivered DAB-type audio, has also asked permission to transmit data on a subscription basis, using part of the bandwidth originally planned just for the radio-audio service. An engineer who worked with the DAB tests in Canada mentions, in Broadcast Technology, that coverage from Toronto reached north as far as Newmarket, the Montreal coverage went as far as Granby, with some shadow zones in eastern townships, Vancouver coverage extended down to the U. S. border at Point Roberts, and Ottawa coverage was more limited due to a low antenna. "Signal quality tended to be excellent right to the limit of coverage, then it disappeared very quickly. . . Everyone was surprised at the good coverage obtained from the system when operating at 800 mhz. In fact, in Toronto it was difficult to find locations where failure modes could be demonstrated." Little gap-filling transmitters were also used and favorably tested in some locations.

"Person who say it cannot be done should not get in the way of person doing it," a Chinese proverb?

From the classifieds: McMartin TBM 2200 stereo monitor and TBM 4000A FM/SCA monitor, American made, vintage, best offer, B. Webster, WLIT, 150 N. Michigan, Chicago IL 60515; (312) 329-9002.

Announcer/news person, hard working, industry-minded person. Prefer female. Must be outgoing and a team player. Resume, demo tape, EOE, but wants a photo, and references to Family Life Network, PO Box 506, Bath NY 14810.

Account executive, on air and other positions available at combo 100 kw KZMZ (CHR) and 5 kw KACB AM (satellite music) in Alexandria LA. Co-owned TV station. Call Bob May, g.m., (318) 443-2543. [The above ad came from a magazine I just started getting, *College Broadcaster*, which is published monthly and distributed to 2,000 college stations and 1,200 broadcast/communications departments in the U. S. The National Association of College Broadcasters also operates U-Net (University Network), "the world's only college radio and television satellite programming network. . . Because we are a nonprofit organization with no budget for membership fees, we depend on the generosity of organizations like yours to keep NACB's informational resources up to date. . . I thank you in advance for your help in supporting NACB's effort to keep the future leaders of the broadcasting industry apprised of developments in the world of FM radio." For information on subscribing to the magazine or supporting NACB write them at Box 1955, Brown University, Providence RI 02912.]

Here's a listing of FM stations, mainly by frequency, giving formats and station addresses and cheaper than Broadcasting Yearbook. It's the NRC FM Radio Log, 1991 edition, \$19.95, with full sized pages coming in an envelope. They're drilled and ready to be mounted in your binder. I have one copy in stock and can order more. Order it from "FM Atlas," Box 336, Esko MN 55733-0336.

**FM As it Was—Or Might Have Been**

Let's continue with the Seattle story from last month and look at KISW 99.9 the way it was. It is now a rock station, but in the early '50s it bore more of a



**KISW-FM**

SEATTLE'S FINER MUSIC STATION  
99.9 Megacycles - Channel 260  
9201 Roosevelt Way - Seattle 5, Washington  
PLAZA 6255

Daily broadcasts: 8 a.m. to 12 midnight

resemblance to KING-FM than to its present self. It was Seattle's "Finer Music" station featuring classical concerts, piano recitals, chamber music, religious and patriotic pieces and poetry readings. KISW also supported local music with a show called "Contemporary and Atonal—Music of Northwest Composers." By the early '70s it had switched to a hard rock format. "Today as an album-oriented rock station, KISW has specialty segments including: Twisted Radio, Electric Lunch and Metal Shop."

Tom Mahnke sent a "gem" from his collection—a Milwaukee FM station dial card from 1971. "The dial card is very

50,000 WATTS  
GOOD MUSIC  
24 HOURS A DAY

stereo radio  
**95.7**  
WMVM

rare! WMVM lasted only six months, circa 1971! WMVM was beautiful music on 95.7; other easy lis-

tening stations were WEZW 103.7, WISN-FM 97.3, WTMJ-FM 94.5, while WBKV-FM 92.5 were "general standard" and WFWO 102.9 was "general standard—For Women Only." Stations without stereo were WQFM 93.3 with "continental" music, WAWA-FM 102.1 ("spiritual-soul-jazz"), WAUK-FM 106.1 Waukesha ("good music") and WBON 107.7 (religious). A later guide was published by WQFM 93.3, "Milwaukee's Album Station," educating as to what FM stereo is, what "AFC" does and about FM in the car. "FM stereo gives you the luxury of fine music without the expense of an extensive record or tape library." Somebody sent a Toronto Star FM station listing from Nov. 24, 1949. It mentioned CBL-FM 99.1, CFRB-FM 99.9, CJRT \*88.3, CHML-FM 94.1, CKTB-FM 97.7, CFRA-FM (Ottawa) 93.9, CBO-FM (Ottawa) 103.3, WBen-FM 106.5, WBNY-FM 92.9, WEBR-FM 96.9.

I also received a CFRC 91.9 and AM Kingston ON 60th anniversary bulletin,

dated 1982. It highlighted the pioneering efforts of this station, founded as an AM, now FM only on \*101.9. The booklet even includes ads from commercial station CKWS "96" Kingston congratulating CFRC; CKWS (AM) having its 40th anniversary. FM came to CFRC when Westinghouse donated a 1-kw transmitter in 1954. Initially, the two stations simulcast, but in the '70s CFRC-FM "began to offer a wider range of programming." Students contributed to a "Go Stereo" project for CFRC-FM, where the future was seen for the station. The information came from subscriber Doug Gault, through Arthur Zimmerman, CFRC classical music director. A 1967 program guide I sent them, which I obtained after hearing CFRC-FM in Syracuse NY, has been added to the CFRC archives. Kingston no longer receives service from CFMX Cobourg, due to WTOJ 103.1 Carthage NY on the same frequency.

**FM FORUM**

**CONTRIBUTIONS FROM READERS**

Here's more from Mike Dorner in Louisiana, as follow-up to his comments of March:

In your February issue, your correspondent's remarks on the plight of small-town Class As near major markets is well taken. This tracks with experience here—two different stations have told me on two different occasions that they are having a tough time competing with the distance Class Cs—one Class A has to fight both Baton Rouge and New Orleans stations for listeners, and another Class A in southwestern Louisiana did remarkably well with country music against other-formatted Class Cs until a new Class C caused a format shift and it lost out. Any Class A station near a major market is going to have a lot of trouble competing against the slick majors, unless this Class A finds a niche no one else wants. Some other items. 1) The recent Ponte Vedra Beach FL 106.5 CP is Jacksonville; so are Ferdinandia Beach and Baldwin, both in hearings. 2) Bay City TX 96.1C2 owned by KANI 1500 nearby Wharton; 3) The recent grant of CP to Arizona State University in Phoenix is a revival of the old CP KIAL \*89.5 back in 1979, never activated. 4) The recent grant to Anderson University of 98.7A in Anderson IN (Indianapolis) is interesting because 98.7B was the frequency of WCBC-FM (originally WREA) from 1947-50; WCBC-FM then went to 106.3 for about a year before deleting. 5) The new 100.5A Louisville KY grant is adjacent to the old 100.7, occupied by WBOX-FM 1948-51. I've noticed for some time that many of the new 80-90 assignments are on or adjacent to old 1947 Table assignments. 6) The new Haughton (Shreveport) LA grant went on 103.7A to KOKA 1490 (ex: KJOE). Nearby Vivian 95.7A is also Shreveport. 7) Some recent grants went to standalone AMs: Winchester NH 98.7A to WKBK 1220; Rose Hill NC 104.7A to WEGG; Elk Mound (Eau Claire) WI 92.9A to WISM 1050; Window Rock AZ 96.1C to the Navajo Tribe's 50000-watt clear channel KTNB.

The recent Bay Shore NY 103.1A has an interesting story. Over the years the local AM tried to get 103.1 authorized without success. At first, a request for

short-spacing was denied, then a petition for reconsideration, and then a third request. Finally, the owners arranged with a government agency to pay for the restoration of a lighthouse located on a island in the bay for the right to mount its antenna atop the lighthouse. Stations in New York city on either side protested, but the Feds dropped in the channel anyway, even though the station was still a bit short-spaced. . . The recent CP for \*91.7C2 at Levelland TX (20 kw) is interesting because no NTIA grant was involved for so powerful a station. A recent shortwave broadcast says that Family Radio's budget has been cut back 20 percent because of declining listener support. It did not say whether or not this applied only to shortwave WYFR or also the FM operations. The recent Hutchinson KS demise was one of many Family Radio CPs. Family gave its CP for KPJO \*88.7 Avalon CA to the Community of Avalon. The irony is that the recipient was the other party in the hearing and lost out to Family Radio. WIZY 100.9 East Jordan MI was given to WIAA Interlochen, as a rebroadcaster. Finally, there have been some larger market assignments concealed under small-town names lately: Westwood KY 99.7A (Ashland); Arthur ND 96.7A (Fargo); McCleary WA 96.9C3 (Tacoma); White Hall AR 104.5A (Pine Bluff); proposed Clearwater KS 98.7A (Wichita); Eagle ID 107.9C2 (Boise); Mount Olive IL 105.3A (St. Louis); Claude TX 95.7A proposed to C3 (Amarillo); Kirtland NM 102.9C (Farmington); Otterville MO 107.7A (Sedalia); Rockledge FL 102.7A to C2 (Cocoa); Pearl MS 93.9A (Jackson).

In an earlier letter Mike mentioned that many of the applicants for commercial FM frequencies are schools or other noncommercial concerns. These include applications in DeWitt MI, State College PA, Rochester NY, Pembroke NC, Bozeman MT (with 102.1C2 reserved for education), Waco TX, Voorheesville (Albany area) NY, Scranton PA. The latter involves an application by the University of Scranton, licensee of the now-defunct WUSV \*89.1, forerunner of WVIA-FM. Also, Hamlet NC, Frankfort KY, and Jackson TN. A guide Mike consulted says WHPR \*88.1 Highland Park MI is no longer on the air. Recent grants in New Jersey confirm what Mike noted in September: "New Jersey Public Broadcasting Authority is applying for a network of Class A stations through the southern part of the state—Camden, Bridgeton, Cape May Courthouse, Vineland. This same area is covered by WRTI Philadelphia and WSCL Salisbury MD. But little Rhode Island still does not have a public radio station worthy of the name."

Alex Nardacci sent word that WVCR Loudonville NY, a college station, was No. 10 by Birch in the Albany ratings. Its larger competitor, WMHT-FM-TV, is facing budget cutbacks, despite a fund drive that gave it \$298,206. Cutbacks are because Gov. Mario Cuomo has proposed reducing support to public broadcasting. Lost could be WMHT-FM's all night program and WMHX (TV), channel 45, which had been a commercial station. "There are no plans to sell Channel 45," said William E. Haley, general manager. He cited the weak market for such channels, and the loss caused by a distress sale would be too great.

"Your fame is spreading, as proof, col. 3, p. 8 of April, 1991 FMedia!. Nice to see a picture of you," said Walter Garrett, who wants me to publish another 40 years!

Until June, *Bone Elong*

# FMedia!

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A NEWSLETTER OF FACT AND OPINION ABOUT  
FM RADIO AND RELATED TECHNOLOGIES—  
FROM THE PUBLISHERS OF THE  
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Volume 5, Number 6—June, 1991

## New FM Station, Translator Grants

AL Moulton 103.1 6000 watts h,v; 100 m, Lawco FM, Ltd. [Communications]  
AL Opelika 96.7 730 h,v; 208 m, ET/  
AR Bella Vista (Bentonville) 106.5 50000 h,v; 150 m, Gayla Hendran [Vinewood Comm's].  
AR Prairie Grove 94.9 1000 h,v; 236 m,/  
CA Barstow K228CO \*93.5 (KFSG 96.3 L.A.)  
CA Oxnard 102.9 2500 h,v; 100 m, KEXT Broadcasters, Inc.  
CA Rancho Mirage 99.5 710 h,v; 171 m, the Wallaces—initial decision, subject to reversal  
CA Victorville \*89.5 1300 h,v; 430 m, Shepherd Communications  
CA Yosemite Village (slightly S.E. of "Yosemite Valley") K221DK 92.1 (KKHI-FM 95.7S.F.) K228DE 93.5 (KFOG 104.5 San Francisco) K249CO 95.9 (KOSO 93.1 Patterson)  
CO Buena Vista K207BF \*89.3 (KRCC 91.5 Colorado Springs)  
CO Rio Blanco K219BS \*91.7 (KJOL 90.3 Grand Junction) [Arts Radio, Inc.]  
CT Guilford \*91.5 2000 h,v; 25 m, Fine/  
CT Litchfield 97.3 3000 h,v; 100 m, Local Girls & Boys Bcstg. Corp. [F. Pettersen]  
FL Live Oak 106.1 6000 h,v; 100 m, Leon/  
FL Sarasota WAYG \*89.1 100000 h,v; 131 m, SW FL Community Radio, Inc.  
FL Tallahassee 106.1 3000 h,v; 100 m, John S. Matthews, Jr. [WJFR 88.7 Jacksonville FL]  
GA Dock Junction W213AA \*90.5/ [Graham GA Fitzgerald 96.9 6000 h,v; 100 m, Margaret/GA Roswell 107.5 3000 h,v; 100 m, Ivan Miles, initial decision; see also "Deletions," below  
GA Sylvester 106.1 3000 h,v; 100 m, K&Broadcasting [ary School  
IN Howe \*89.7 100 h,v; 17 m, Howe Mili-/  
IN Indianapolis 96.3 590 h,v; 215 m, Shirk, Inc.  
IA Iowa City K207BC \*89.3 (KCCK 88.3 Cedar Rapids) [J. B. Myers  
KY Horse Cave 100.7 3000 h,v; 100 m,/  
KY West Liberty 102.9 6000 h,v; 100 m, Morgan County Industries [Bcstg. Network  
LA Monroe \*89.3 1000 h,v; 121 m, g, Bible/ 105.3 50000 h,v; 150 m, Choctaw Bcstg. Corp.  
LA Vidalia 104.7 3000 h,v; 100 m, Vision Bcstg.  
MN La Sueur 96.1 3000 h,v; 100 m, Waite Park Bcstg. Co. [93.9 Hibbing)  
MN Silver Bay K244AW 96.7 (WTBX/ [Bcstg.  
MN Stewartville 105.3 3000 h,v; 100 m, Topp/  
MO Lebanon KTTK \*89.9 390 h,v; 49 m, \$, g, CP reinstatement; on air, L. Educational Bcstg. Foundation [Billings)  
MT Cut Bank K205BZ \*88.9 (KEMC 91.7/  
MT Glasgow K220DN \*91.9 (KEMC)  
MT Malta K203BL \*88.5 (KEMC)  
MT Red Lodge K206BA \*89.1 (KEMC)  
NH Concord \*91.1 1200 h,v; 30 m, g, Capitol City Ed1 Foundation [Powell  
NH Farmington 106.5 380 h,v; 285 m, S. E./

NH New Durham (near Farmington) \*91.7 300 h,v; 151 m, Morning Star Academy  
NJ Petersburg (this is the Petersburg which is 7 km west of Ocean City—not the Petersburg just NW of Hackettstown) 102.7 3300 h,v; 90 m, J. D. Powers  
NM Central 95.3 2100 h,v; 473 m, Mel-Mike Enterprises [up Public Radio  
NM Gallup \*91.7 100 watts h,v; 349 m, Gal-/  
NY Bridgeport (near Syracuse on the S. shore of Oneida Lake) 99.5 3000 h,v; 100 m, Francis G. Toce [90.3 Albany)  
NY Oneonta W205AJ \*88.9 (WAMC/  
NY Queensbury (7 km E. Saratoga Springs) 105.7 25000 h,v; 150 m, Bradmark Broadcasting [ma Radio Corp.  
NC Highlands 104.5 350 h,v; 266 m, Charis-/  
NC Wilmington 105.3 3000 h,v; 100 m, Beatriz de McComas  
OH Oak Harbor WFUA 97.3 3000 h,v; 100 m, OH Community Bcstg. [Calls were given last month, but not facilities.]  
OH South Webster 94.9 3000 h,v; 100 m, S. Webster Bcstg.  
OK Edmond K228CB 93.5 (KVOO-FM 98.5 Tulsa), an old CP applying for license renewal, but off the air  
OK Roland (Fort Smith AR) 92.3 930 h,v; 174 m, Sequoyah Communications  
PA Mansfield W212AE \*90.3 (WSKG-FM 89.3 Binghamton NY) [91.7 Summerdale)  
PA York W214AC \*90.7 (WJAZ/  
SC Hartsville 98.5 3000 h,v; 100 m, H. Bcstg. Co., initial decision  
SC McClellanville (Cape Romain) 98.9 50000 h,v; 150 m, Gilchrist Communications  
TN Jackson 101.5 3000 h,v; 100 m, J. Bcstrs. Ltd. [Buren Bcstg.  
TN Spencer 98.7 1200 h,v; 167 m, Van/  
TX Nolanville (Killeen) 107.3 3000 h,v; 100 m, Capricorn Bcstg. Co., initial decision  
VT Arlington W216CE 100.1 (WGLY 103.1 Waterbury)  
VA Bowling Green 96.9 2800 h,v; 144 m, Rappahannock Communications  
VA Gloucester WXGM-FM 99.1, WXGM, Inc.  
VA Luray WMRA-1 \*90.7 (300 h booster of Harrisonburg station)  
WA Kelso 94.5 3000 h,v; 100 m, Washington Interstate Broadcasting  
WI Green Bay \*88.1 50000 h,v; 177 m, d-a (directional antenna), Diocese of Green Bay \*88.5 3000 h,v; 100 m, Lakeshore Communications, Inc.  
WY Buffalo K269DE 101.7 (KCSP 106.9 Casper), reinstatement of grant, owned by WY Christian Translator, Inc.

WY Mountain View K292AM 106.3 (KSFI 100.3 Salt Lake City UT) [Lake City)  
K296AG 107.1 (KSOP-FM 104.3 Salt/  
PQ Etchemins and Bellchase (near Lac Etchemin) 100.5 9600 h,v; Radio Bellchasse, a nonprofit community FM station  
PQ Riviere du Loup CJBR- \*89.5 100000 h,v; to be \$, c, CBC; color CJBR 101.5 Rimouski noncommercial [Quebec relay  
PQ Saint-Pamphile CBV- \*88.7 840h,v; CBV/  
YT Beaver Creek CHON- 90.5 1 w, Northern Native Bcstg.  
YT Keno CHON- 90.5 1  
YT Stewart Crossing CHON- 90.5 1  
YT Tagish (50 km ENE Carcross) CHON- 90.5 1 Denial  
ON Toronto—a bid by Humber College on an unannounced frequency because of concerns about the proposed station's "ownership structure, its absence of educational programming, its music policy and limited community access programming."

## Call Letters Assigned or Changed

AL Northport 100.7 WLXY  
AL Uniontown 107.5 WVFG  
AK Soldotna 96.5 KSLD-FM (from KSLD)  
AZ Mesa 104.7 KVRY (KZZP, still r, "AC-olds")  
AR Fort Smith \*88.9 K205BV ["B-98.5"  
AR Little Rock 98.5 KURB-FM (KZOU-FM),/  
AR Wrightsville 107.7 KQUG  
CA Greenfield 107.9 KSEA (KQKZ)  
CA Independence 106.3 KDAY  
CA Winton 98.7 KFMK (KEAL)  
CA Yosemite Valley K232CQ (from K232BB)  
CO Greeley 96.1 KGLL (KSQI)  
CO Hayden 95.9 KIDN-FM (KKMX-FM)  
FL Cocoa Beach 104.1 WZTU (WSSP), r, "U-104.1" (from "Whisper 104 FM")  
FL Coral Cove 107.9 WVFE  
GA Macon 92.3 WVPI  
GA Thomasville 107.1 WSNi (WSTT-FM)  
GA Valdosta 96.7 WVCM (WZLS)  
GA Warner Robins 101.7 WRCC-FM (WPPR), k, "Real Country" [h,v; 152 m  
GA Wrens 96.7 WAKB (WAKB-FM), to 1050/  
IL Chicago 93.1 WXRT-FM (WXRT; applies to buy AM 820 and change its calls to WXRT)  
IL East St. Louis 101.1 WFXB (WFXK), parallel to KFXB 105.7 Ste. Genevieve MO, "The Fox"[es]  
IL Olney \*88.1 WPTH  
IN Brookston 95.3 WEZV (WKJM)  
IN West Lafayette 101.3 WBAA-FM (WFUC)  
IA Ankeny 106.3 KMXD  
KS Augusta 104.5 KQUI

KS Hutchinson \*91.7 KIMS (KYIZ)  
 KY Williamstown 106.5 WVEA  
 LA Reserve 94.9 WADU-FM; Am is in Norco LA  
 MI Mount Clemens 102.7 WXCD (WKSJ),  
 "CD-102.7, WXCD," always using its call  
 letters  
 MI Saginaw 104.5 WUVE  
 MN Duluth \*97.3 KQUH  
 MN St. James 100.5 KXAC  
 MS Ebenezer 103.9 WZBR  
 MS Magee 107.5 WKXI-FM (WMJW), taking calls  
 of AM station in Jackson which leases it  
 MS Richton 96.5 WESV  
 MO East Prairie 105.3 KYMO-FM  
 MO Kirksville 107.9 KLTE (KVCV), "The Light  
 108," soon to be testing transmitter; most  
 music will be on CDs and their morning man  
 is a person coming from CNN, "and some of  
 the others seem to have good backgrounds."  
 MO Lutesville 105.1 KQUA  
 MO Ste. Genevieve 105.7 KFVB (KSTZ)  
 MT Bozeman \*102.1 KPXB  
 NV Indian Springs 99.3 KPXC  
 NV Sparks 92.1 KSRN (KVRX) [format  
 NJ Berlin \*88.1 WNJS-FM (TV is in Camden), nt/  
 NJ Manahawkin 100.1 WJRZ-FM (WJRZ; AM is  
 in Seaside Park NJ)  
 NY East Hampton 96.7 WQEH (WVEH)  
 NC Bayboro 97.9 WKZF (WJCS)  
 NC Hamlet 104.3 WSJG  
 OH Johnstown 103.1 WRZR (WXLE)  
 OH Milford 107.1 WQQZ (WRBZ)  
 OH McConnellsville 100.9 WJAW (WYBH)  
 OK Bixby 105.3 KBXT  
 OK Holdenville 106.5 KXKY (KUHD)  
 OK Harbeck-Fruitdale 98.3 KAJO-FM (AM is in  
 Grants Pass)  
 OR Sisters 104.1 KPXA  
 PA Spangler 97.3 WQHN  
 PA Stroudsburg \*94.3 W232AM  
 SC Kershaw 106.1 WLWN  
 TN Celina 101.5 WVFB  
 TN Huntingdon 100.9 WVHR (WHZZ)  
 TN Lawrenceburg 97.5 WLLX (WXZC)  
 TN Loudon 105.3 WXST (WESK)  
 TN Minor Hill 92.1 WYBM (WLLX)  
 TX Cleveland 97.1 KRTR  
 TX Dallas 102.9 KDMX (KMGC), rm, "Mix  
 102.9" (strict), "adult top 40"; letting at  
 least three staffers go, including the directors  
 of news, music and production. General  
 manager Chris McMurray did not return calls  
 about other alleged firings. Now owned by  
 National Communications. "On 5-12 suspen-  
 ded regular programming and played a  
 babble of conversation as if overheard at a party  
 party. Occasionally a voice would rise enough  
 to show that the talk was about the local  
 radio scene. Over this were frequent an-  
 nouncements: 'Radio station KMGC has  
 suspended its regular programming on 102.9.  
 In x hours a new radio station will begin  
 programming on this frequency, 102.9'. . . At  
 5:30 a.m. 5-13 signed on as KDMX. . . It's a  
 mix all right—a combination of KRSR and  
 KVIL. Same old 'yuppie radio'."  
 TX Raymondville 105.7 KQUF  
 VT Hartford 104.3 WVFA  
 VT Middlebury 100.9 WGTV (WCVM)  
 VA Lebanon 107.3 WXLZ (WXLQ)  
 WA Wenatchee 103.1 K276BB (K276CW)  
 WI Plymouth 104.5 WXR, to be \$(tereo)

BC Vancouver 95.3 CJEE, sr, "Energy 95.3," \$  
**Facilities Changes Granted**  
 AL Roanoke WELR-FM 102.5 (from 102.3)  
 9000 h,v; 166 m, C3 [25000 h,v; 34 m, C3  
 AK Bethel KBTB 98.3 (from 107.9)/ [88.9]  
 AZ Bullhead City K296ED 107.1 (from K205BG/  
 AZ Phoenix KNAI \*88.3 25000 h,v; 307 m  
 AZ Prescott K276AH \*103.1 has KFLR 90.3  
 Phoenix on it, not KNIX 102.5  
 AR Ashdown KHSP-FM 103.9 5100 h,v (108 m)  
 AR Springdale KCIZ 104.9 2800 h,v (146 m)  
 CA Anderson KEWB 94.7 4200 h,v; 477 m;  
 remove 94.3 listing p. 156, FM Atlas-13  
 CA Gonzales KPUP-FM 104.3 6000 h,v (100 m)  
 CA Kingsburg KJET 106.3 3900 h,v; 121 m  
 CA Montecito (new) 92.9 252 m (360 h,v)  
 CA Santa Cruz KFER \*89.9 8 m (200 watts h,v)  
 FL Key West WAIL 99.5 73 m (100000 h,v)  
 FL New Smyrna Beach WJLU \*89.7 5000 h,v  
 (100 m), C3  
 GA Forsyth WFXM-FM 100.1 2000 h,v; 175 m  
 KY Morehead WMKY \*90.3 100000 h,v; 277 m  
 LA Coshatta KSBH 94.9 (from 92.3) 25000 h,v  
 (65 m), C3 [m, adds vertical  
 LA Winfield KVCL-FM 92.1 6000 h,v; 64/  
 MI Mount Pleasant WCZY 104.3 3000 h,v; 100 m  
 MI Novi WOVI \*89.5 32 m (100 watts h,v)  
 MS Baldwin WESE 92.5 (from 95.9), on 92.5  
 MS Heidelberg WEEZ 99.3 50000 h,v; 150 m, C2  
 MS Meridian W288-- 105.5 (from W221AL 92.1)  
 MS Olive Branch (new) 95.7 (not 94.7) [m, C3  
 MO Branson KRZK 106.3 8700h,v; 168/ [149m  
 MO Seligman KESE 93.3 (from 95.3) 50000 h,v;/  
 MT Chester \*K261CC has KEMC \*91.7 Billings  
 (not KYVA 93.3 Billings) [AH 101.7  
 NJ Blairstown W207AT \*89.3 (from W269/  
 NJ Fort Lee W276AQ 103.1 WDRE 92.7 Garden  
 City NY (from a "muddy translation" of  
 WYNY 103.5 Lake Success NY)  
 NY Catskill W296-- 107.1 (from W265AJ 100.9),  
 10 watts [having booster calls)  
 NY Troy WAMC-1 \*89.9 (not 90.3, despi te/  
 NC Durham WXDU \*88.7 1600 h,v (90 m, d-a)  
 NC Nags Head WNHV 92.5 (from 92.3) 25000  
 h,v; 53 m, C3  
 OH Castalia WGGN 97.7 1300 h,v (221 m)  
 OK Enid K252DA \*98.3 has KMSI 88.1 Moore  
 (from KNTL 104.9 Bethany)  
 OK Ponca City K272AA \*102.3 has KMSI 88.1  
 Moore (from KNYD 90.5 Broken Arrow)  
 OR Gleneden Beach (new) 97.5 (from 100.7)  
 PA Everett WSKE-FM 104.3 680 h,v (295 m)  
 PA Havertown WHHS \*107.9 (from 89.3) 14  
 watts h,v; 49 m  
 PA Loyalsock W224AI 92.7 has WHUM 99.9  
 Avis (from WHTO 103.9 Muncy) [103.9)  
 PA West View W249--\*97.7 (from W280AJ/  
 TN Athens WJSQ 101.7 7500 h,v; 161 m, C3  
 TN Trenton WLOT 97.5 (from 97.7) 25000 h,v;  
 100 m, C3  
 TX Gregory (new) 104.5 100 m (3000 h,v)  
 TX Lubbock KTXT \*88.1 35000 h,v; 129 m  
 TX Pearsall (new) to be 104.1 not 94.1, because  
 of proximity to KRIO-FM 94.1 Floresville  
 UT Park City KPCW \*91.9 110 h,v; -6 m [C2  
 VA BigStoneGap WAXM 93.5 2500 h,v; 574 m,/  
 VA Clinchco WDIC-FM 93.1 6000 h,v; 197 m  
 VA Warrenton WMJR 107.7 29000 h,v; 197 m  
 WA Grand Coulee KEYG-FM 98.5 100000 h,  
 85000 v, 303 m, C [adds vertical  
 WA Seattle KING-FM 98.1 319m (100000),/

WA Walla Walla KHSS 100.7 (from 100.9) 22500  
 h,v; 220 m, C2  
 WV Elkins WELK 94.7 5200 h,v (222 m)  
 WI Milladore WGNV \*88.5 50000 h,v (178 m)  
 WI Sheboygan WSHS \*91.7 180 v; 25 m, vertical  
 only [m, C1  
 WY Buffalo KLGT 92.9 12000 h, 3000 v; 340/  
 WY Casper KCSP 106.9 556 m (100000 h,v)  
 WY Riverton K269BH 101.7 has KCSP 106.9  
 Casper (from KTRS 95.5 Casper)  
 ON Guelph CFRU 93.3 250 h,v (59 m)  
 ON Hamilton CFMU 93.3 250 h,v (60 m), both  
 of these approved by CRTC to allow the  
 stations to "slightly increase their coverage  
 areas and to improve their service"  
 "These [ceramic] filters are great! All of my  
 receivers are getting a pair! Thank!" [Com-  
 ments regarding the Murata 150-kHz FM  
 selectivity filters mentioned in my radios' and  
 electronics catalog.]

**Stereo—or to be Stereo**

CO Paonia KVNF \*90.9, rc, also big band,  
 "eclectic" and "di-  
 verse"  
 IL Bethalto WXJO 95.5,  
 kiddie programming,  
 tr  
 IL Carlisle WCNL  
 95.9  
 IA Cresco KCZQ 102.3,  
 n, NBC news  
 KY Elizabethtown  
 WKUE \*90.9  
 KY Vanclve WMTC-FM 99.9, g, on air  
 MN Spring Valley KVNG 104.3, r, "The Valley  
 Rocker" (strict) | MN Thief River Falls KKDQ  
 NV Reno KZSR 92.9 | 99.3, "Mix 99" (not strict)  
 NY Monroe WLJP \*89.3, g, almost gr, with some  
 satellite talk  
 NY Sodus WNNR 103.5  
 OR Banks KDBX \*107.5, gr, relaying KLVR  
 \*91.9 Santa Rosa CA, most likely by satellite.  
 "KDBX has translator applications, but  
 would not discuss them with me. . . Call  
 1-800-525-5683." ID with Portland.  
 OR North Bend KACW 107.3  
 PA Mount Carmel WXMH 99.7, r, ID with  
 Shamokin, "WHOT" nonID and simulcast  
 with WHTO 103.9 Muncy-Williamsport  
 SC Charleston WSUY 100.7, confirmed as  
 broadcasting in stereo [TN Henderson WHHM-  
 TN Sparta WSMT-FM 105.5 | FM 107.7  
 TX Floresville KRIO-FM 94.1  
 TX Lufkin KLDN \*88.9, c, simulcasting KDAQ  
 89.9 Shreveport LA  
 TX San Antonio KSYM \*90.1, pj. Proposed



**KSYM**  
 90.1 FM  
 SAN ANTONIO COLLEGE RADIO  
 reading  
 service for  
 the blind  
 would  
 have been  
 on KSYM,  
 but nothing has been firmed up. "Everything  
 depended on the approval of a federal grant,  
 which might be approved by Aug. 1, but then  
 again it might never be approved! . . . KSYM's  
 coverage is poor as their antenna is located in  
 a low spot."  
 WI Elk Mound WECL 92.9, "Lite FM" and



multi-city ID including Eau Claire, Chippewa Falls, Osseo

Monophonic

TX McKinney KSSA-FM 106.9, but had on-again, off-again stereo, now mono. "Really clobbers KYOT 106.7 Granbury, although KYOT heard well in western parts of Dallas."

**Format Changes**

*Formats are the same as in the "FM Atlas"*

AL Bay Minette WMMV 105.5 gr  
 AL Huntsville WJAB \*90.9 jf, "jazz and blues," monophonic [MT Wolf Point  
 AR Clarksville KXIO 106.9 rm | KTYZ-FM 92.7 r,  
 AR Trumann KWEZ 106.7 b, "Z-93"  
 CA Essex KHUY 98.9 m, parallel to KRXV Yermo, KXVR Mountain Pass, serving I-40 between Barstow and Needles  
 CA Lancaster KGMX 106.3 rm; its "signal ranges from Mojave to Acton"  
 CA Newport Beach KOCM r, parallel to KSRF Santa Monica, both owned by Brentwood Communications and simulcasting on 103.1, both  
 CT Hartford WHCN 105.9 op [Mars FM -  
 CT New Britain WRCH 100.5 mr  
 FL Arcadia WXKT 98.3 op  
 FL Fort Myers WINK-FM 96.9 rm  
 FL Marco WGUJ 92.7 rm, not b  
 FL Mount Dora WMGF 107.7 mr  
 FL Plantation Key WCTH 100.3 o, having same satellite service as WQOL 103.7 Vero Beach  
 FL Sebring WCAC 105.5 o [dies]  
 FL Vero Beach WSCF \*91.9 gr  
 FL Watertown WQLC 102.1 k [country]  
 GA Augusta WBBQ-FM 104.3 s  
 GA Cleveland WGGG-FM 101.9 r  
 GA Columbus WCGQ 107.3 s  
 GA Fort Valley WQBZ 106.3 op  
 GA Hinesville WSKX 92.3 k, "92 Kicks"  
 GA Milledgeville WLRR 100.7 mr, \$, "Light Rock"  
 GA Newnan WMKJ 96.7 r  
 GA Savannah WJCL-FM 96.5 mr  
 WAEV 97.3 rm  
 HI Honolulu KHHH 98.5 p, SMN Z-Rock  
 ID McCall KBSM \*91.7 cj, parallel to KBSU Boise; on air, but with KBSU ultimately able to broadcast special programs to KBSM, possibly utilizing KBSU's experimental 76 kHz SCSignal  
 IL Chicago WYTZ 94.7 r, back to, from sr  
 IL De Kalb WDKB 94.9 rm  
 IL Golconda WDXR-FM 94.3 k  
 IL Quincy WGCA \*88.5 gr [nights"  
 IN Auburn WIFF-FM 105.5 r, "AC days, new AC/  
 KS Goodland KKCI 102.5 m  
 KY Frankfort WKED-FM 103.7 rm  
 KY Paris WCOZ 96.9 r  
 KY Whitley City WHAY 105.9 k  
 MD Annapolis WHFS 99.1 rp, "but now nothing to do with progressive radio," with the morning show especially bad. "Between commercials and station promos... they get in maybe three songs per hour—no big loss as they have stopped playing 90% of the songs that made them great."  
 MA Brookline WBOS 92.9 still mr, but adds new age 10 p.m. to 1 a.m.  
 MA Northampton WOZQ \*91.9 re, also has

women's, polkas, Brazilian and jazz; \$[tereo]  
 MI Carrollton WKFK 100.5 r  
 MI Detroit WJOL 97.1 mr, "adding more soft rock vocals slowly over many years," now "The New Joy-97" [CK-106"]  
 MI Flint WWCK 105.5 rm, "CK-105" (from/  
 MS Holly Springs WKRA-FM 92.7 rs, with urban nights [WVSD \*91.7 sj  
 MS Itta Bena [moved from 106.3  
 MS Picayune WZRH 106.1 r, "Z-106," having/  
 MO Ava KKOZ-FM 92.3 k  
 MO Carthage KMXL 97.9 (having moved from 104.9) rm, "Mix 97.9" [MN Thief R.  
 MO Piedmont KPWB-FM 104.9 k, \$ Falls KSNR  
 NE Bennington KRRK 93.3 r [100.3 o -  
 NH Winchester WKBK-FM 98.7 t [alk]  
 NJ Atlantic City WAYV 95.1 mr  
 NJ Stockton WDVR \*89.7 jr, also country, classical and talk  
 NJ Trenton WNJT-FM \*88.1 nt and public affairs—from 4 p.m. to midnight weekdays and 8 a.m. to midnight weekends. On air, "weak but there."  
 NY Amsterdam WKOL 97.7 o [hard rock"  
 NY Clifton Park WVKZ 96.7 still r, but "all/  
 NY Hudson WRVW 93.5 o, all locally originated, but signing off 10:05 p.m. daily  
 NY Patchogue WALK-FM 97.5 rm  
 NY Saranac Lake WDGE 101.7 o, mono  
 NY Tupper Lake WRGR 102.3 rm, returns to air  
 NY Rome WUUU 102.5 o, "Oldies 102" (from "U-102")  
 NY Wurtsboro WZAD 97.3 p (now simulcasts  
 WDST 100.1 Woodstock 7 p.m. to 6 a.m. weekdays, 24 hours weekends. Around-the-clock simulcasting expected as soon as the FCC gives its OK to a brokerage arrangement with WDST). "WDST is one of the last true 'progressive' radio stations left [and] possibly the best of its type anywhere."  
 NC Old Fort WDLF 104.3 rm  
 OH Johnstown WRZR 103.1 p, SMN Z-Rock  
 OH Montpelier WLZZ 104.5 k [NY West Point  
 OK Frederick KYBE 95.9 o [WKDT \*89.3 r,  
 OK Idabel KBEL-FM 96.7 k | \$, on mainly  
 OR Altamont KCHQ 101.3 o | days but is  
 PA Allentown WMUH \*91.7 pj "erratic," h only  
 WFMZ 100.7 b, no classical  
 WAEB-FM 104.1 s, "urban-disco-soul"  
 PA Braddock WMYG 96.9 r, "Rock 97" (rubs out "Magic 97")  
 PA Coudersport WFRM-FM 96.7 r  
 PA Schnecksville WXLV \*90.3 rj  
 PA Smethport WQRM 106.3 r. This, WFRM-FM and WKBI-FM 94.3 St. Marys unite to form the "Rocket Radio Network," on 24 hours  
 PA Tamaqua WMGH 105.5 rm, "Magic 105.5"  
 PA Telford WBMR \*91.7 c—heard testing in stereo with "nonstop classical selections with a brief ID near the hour"  
 SC Charleston WXLY 102.5 op  
 SC Hilton Head Island WIJY 107.9 mr, "Joy 108 FM"  
 SC Lake City WWFN 100.1 o  
 SC Marion WKSJ 100.5 mr, "Classy FM"  
 SC Murrells Inlet WKOJ 94.5 o, "Oldies 94.5"  
 SC Parris Island WOCW 92.1 o  
 TN Harrison WLIQ 92.7 kt, talk 10 p.m. to 5 a.m.  
 TN St. Joseph WJOR-FM 101.5 kg; its AM goes

silent (1040 kHz)  
 TN Seymour WJBZ 96.3 g  
 TN Waynesboro WTNR-FM 94.9 k  
 TX Arlington KHYI 94.9 sr, "Power 95" (from "Y-95") [in its format  
 TX Beaumont KZZB-FMN 95.1 r, no more "s"/  
 TX Granbury KYOT 106.7 m, back on air—big band, swing era music, including Stephen Foster. "Music for adults of all ages," "Music you won't find on any other radio station, AM or FM," and "Nobody plays the good stuff like we do." Carrying a "respectable number of commercials. Certainly not the same old boring radio. I wish them luck!"  
 TX Greenville KIKT 93.5 k, "Kick FM"  
 TX Kilgore KTPB \*88.7 cj  
 KKTX-FM 96.1 rp, "Heart 96.1" (from "96-X")  
 TX Killeen KNCT-FM \*91.3 bj, but retains late night classical  
 UT Smithfield KVEZ 103.9 op  
 VT Rutland WYOY 94.5 o  
 VT Sunderland WJAN 95.1 k  
 VT Vergennes WIZN 106.7 rp  
 VA Accomac WVES 99.3 mr  
 WA Pasco KEYW 98.3 rj  
 ON Fort Erie CJFT 101.1 m, simulcast with AM 530 until October, when AM will permanently leave the air  
 ON Meaford CKNX-1 104.9 r, "FM-102," to match its parent in Wingham (101.7)  
 ON Waterloo CKMS 94.5 pc, with some programming by the K-W Chamber Music Society

**On Air (Selected)**

FL Jacksonville WIOI-FM1 100.7—"The other Jacksonville stations petitioned to deny, but it was granted and is on the air. Originally, it was to be 20 kw, but because of a 10.7 mhz problem with WJCT-FM \*89.9 it was cut back... Some severe interference from this and the main station in suburbs to the north, but the licensee is pleased with the coverage in Jacksonville itself."  
 IA Mason City KNIO 93.9 (having moved from 93.5), and carrying commercials to tune in KLKK 103.1 and celebrate the Mason City theatre. "You got to have your radio tuned to 103.1"—this over KNIO! [from 96.7  
 KY Somerset WSEK 97.1, having moved/  
 MD Towson WCVT \*89.7, operating erratically lately, "coming and going every few days with little or no mention on air of problems"  
 MN Kerkhoven K244BV 96.7, Paynesville K244CG \*96.7 and Princeburg K244DG 96.7; and presumably Collegeville KSJU \*96.5, to change frequencies because of KKSJ Sartell, holding a CP to change from 96.1 to 96.7  
 NY East Windham W210AP \*89.9, but wiped out in the Troy area by the new WAMC-1, which is testing on 89.9  
 NY Gouverneur WGIX 95.3 back on air  
 NY Olivebridge W202AJ \*88.3, but "range limited by strong WVCR to the north"  
 OK Lawton KVRS \*90.3, g  
 PA Radnor Township WYBF \*89.1  
 PA Villanova WXVU \*89.1  
 TN Dyersburg WASL 100.1 now with 26000 h,v; 206 m, still "SL 100"  
 TX Post KNKC 107.3, back on with country  
 VA Churchville WBOP 106.3, having moved from 106.7 (along with WLCC 105.7 Luray moving from 106.3). "WJFK Manassas VA (106.7) now readable from most of east fork of valley."

**Off Air or Not Yet On**

AK Anchorage KEAG 97.3, "underfunded," letting 16 people go. "Hopefully, KEAG will get back on the air again soon. It often makes

it down here to Kodiak... Still nothing on 92.9 yet (KWQJ Anchorage) and 103.1 KXDZ Anchorage still off." <sup>(97.9)</sup> IMT Shelby KYC/ CO Lamar KNIC 105.7 MT CurBank KCTB 102.7 CT Salisbury WKZE-FM 98.1, but expected on later this month, to be d-a with main lobes going north and south, with the "best signal toward Poughkeepsie." Format to be fm, not simulcast with its AM.  
 FL St. Augustine WUVU 97.9, still on 97.7 and ID as St. Augustine only IMT Sidney KSDY GA Irwinton WSYI 103.7 95.1  
 GA Milledgeville WXGE \*88.9  
 GA Wrightsville WIML 106.3, nor is it on 107.5, which it is supposed to move to  
 NY Herkimer WYUT-FM 92.7 (along with AM 1420), "evicted from their studios while on the air" <sup>IOH Lorain WNZN \*89.1</sup>  
 NY Ravena WRAV 94.5  
 NC Bayboro WKZF 97.9, "silent pending sale"  
 OR Portland KRRC \*107.5, because of new KDBX \*107.5 Banks-Portland; "KRRC is applying for 104.1 and more power. This is the second time in 10 years they've been forced to move; previously they were on \*89.3."  
 TX Clifton KWOW 103.3  
 TX Cotulla KDCY 97.7, "burned to the ground"  
 TX Kermit KERB-FM (and AM 600) silent  
 TX Mirando City KZZQ 100.9, hoping soon for 100.5 authorization WA Bellevue KASB VA Culpeper WPVB \*89.9 \*89.3  
 VI Charlotte Amalie WVGW 105.3  
 NF Labrador City 97.3, but the CRTC granted Radio Communautaire du Labrador a special 20-day licence for a station which operated between March 10 and 30 with 50 watts "to encourage community interest in establishment of the French language community radio station authorized Sept. 21 but not yet in operation."  
 PQ Matane 95.3, no call letters yet. Was denied a power increase to 30 kw, even before it came on the air. "Its application was opposed by regional stations that claimed such a move could fragment their audiences."

**Deletions—Most for failure to file renewals**

AL Selma WVCA 105.3, "application dismissed for extension of time"  
 AZ Page K2618X 100.1  
 CA Kneeland K203BF \*88.5, but petition for reconsideration filed  
 CA Victorville K208B1 \*89.5—because of new full-power grant  
 CA Yreka K218AL \*91.5  
 GA Blairsville W249A1 97.7  
 GA Ellijay W244AF 96.7  
 GA Lilburn W288BB 105.5  
 IA Bedford K244BI 96.7  
 IA Corning K244BM 96.7  
 IA Spencer K244BW 96.7  
 MS Yazoo City WAZF-FM 93.7  
 NY Plattsburgh WSTY \*89.7  
 OK Ada K237BC 95.3  
 OK Miami W261BJ 100.1  
 SD Bridger K220BN \*91.9  
 SD Dupree K203AR \*88.5  
 SD Green Grass K213AV \*90.3  
 SD Rapid City K202AU \*88.3  
 SD Whitehorse K221BW \*91.9  
 TX Marble Falls K292AJ 106.3  
 UT Coalville K208AK \*89.5

**FMistakes, May FMedia! and FM Atlas-13**

IL Chicago WFYR 103.5 (now WWBZ) sold for \$19 million to Major Broadcasting (not \$1.9

million), April, p. 3, col. 2. Broker was H. B. LaRue.  
 NM Belen KARS-FM 97.7 to be 300 m (not 30 m), p. 2, col. 3  
 NY Rochester (new) 105.9 facilities to be 1800 h.v; 128 m (not as shown, p. 2, col. 3)  
 NC Elizabeth town WGQR 105.7 add \$, p. 183  
 NC Morehead City WOTJ \*90.7 add \$, p. 148  
 NC Rose Hill 104.7 WBSY's old calls were WZYJ, p. 1, col. 3 [p. 2, col. 1  
 SD Canton 102.7 KIXK's old calls were KIXS, / SD Redfield KVCU (now KQKD-FM) 103.7 add \$, p. 178  
 TX Huntington KAQU 101.9 add \$, p. 174  
 VA Richmond WRXL 102.1 add \$, p. 175  
 Heading p. 5 last month says "April"  
 "Thanks for the blurb about the National Association of College Broadcasters in the latest FMedia! Hopefully it'll generate some leads." Symbols are as in the "FM Atlas":  
**SCServices, 57, 67, 92 kHz, TV-SAP**  
 CA Santa Monica KCRW \*89.9 tZ, 92 (was Y); E, 67  
 IA Iowa City KSUI \*91.7 no 67 (had tF); retains tX, 92  
 KY Jenkins WIFX 94.3 tU, 67  
 KY Whitesburg WMMT \*88.7 tS, 67, "RPU relay and occasional transmitter-studio communication (vocal!)"  
 MI Grand Rapids WCSG \*91.3 tG, 67, Children's Sunshine Network, no 92 (had tM, 67; tG, 92; but "our contract with the supermarkets expired"). WCSG is the originating station of this new SCA-only network at (800) 530-9779; Lee Geysbeek and Dodd Morris in charge (see Springfield MO).  
 MN Virginia-Hibbing-Buhl WIRR \*90.9 tT, 67, back to, after a couple of weeks relaying the Unistar Radio Networks  
 MO Springfield KWFC \*89.1 tG, 92, in addition to tG, 67. The 92 is the new Children's Sunshine Network, which is 50% music and 50% drama; now on satellite as of 5-22-91, and on six other stations. KWFC Charges \$300/month for its 92 kHz, while the network charges \$195/month for its rental. Targets youth 3 to 13 years. Listeners are charged a \$25 radio deposit plus \$5/month radio fee. "We hope to have 500 subscribers at \$5/month, and it appeals to families who home school their children."  
 SC Spartanburg WSPA-FM 98.9 no SCS (tU discontinued), now "Lite FM 98.9"  
 TX Dallas KERA \*13 uses its SAP for Spanish translation of the Macneil/Lehrer Newshour, "While its sister station (KDTN (2) carries an over-the-air translation of the same program. Incidentally, KERA-FM and KERA (TV) both announce as simply "KERA"; one of these can't be right."  
 VA Big Stone Gap WAXM 93.5 tS, 67, "remote telemetry and occasional RPU relay audio (during baseball and football seasons)"; CP for 2500 h.v; 574 m, going 24 hours a day  
 VA Harrisonburg WMRA \*90.7 tT, "Valley Voice Radio Reading Service, 24 hours a day"



WI Cleveland WKTT 103.1 tM, 67; tU, 92. "Yes, our Muzak is on Milwaukee 99.1—how did you know that? And it is on Cleveland's 67." USA—The National Radio Standards Committee (NRSC) has decided to use the 57 kHz European Radio Data System as standard—what Jerry Le Bow of Sage Broadcasting has been promoting. Formats as well as call letters' displays can be included, so that a car radio will tune to the strongest signal with a given format. This needs to be more sophisticated than in Europe, since more formats and more FM stations are found here. Cue Paging Corp. in CA is working to make its system compatible with RDS. Cue is on the 57 kHz of 270 FM stations in the U.S. and Canada.

"I have been interested in constructing SCA decoders and in reading for the blind for some 9+ years. Your publication is unique and without it it would be impossible to learn of kits and receiving apparatus. Thank you for the wonderful service you render."  
 I received the second G-E Superadio. The performance is definitely an improvement over the first one. It is possible to tune in the 92 kHz Reach Out Radio on WXXI-FM without the highly distorted crosstalk that made the other radio's output completely unintelligible. However, there is still the continuous low-level undistorted crosstalk that is apparently inherent in 'consumer' SCA decoders... The frequency response of the baseband FM system must be very flat to beyond 100 kHz to prevent distortion of the 92 kHz carrier sidebands. I would not expect these characteristics to be a primary design factor in a tuner designed for high selectivity and sensitivity in a low-cost consumer product [but] the Superadio works better than any of the previous SCA detectors and well enough to allow me to survey the programming available... I wish to encourage your promotion of broadcast radio and utilization of the radio spectrum. While so many are clamoring for spectrum space, it seems a great waste to spend billions of dollars for cable or satellite services while hundreds of channels lie unused in the FM and TV bands. However, the lack of a high quality, low-cost receiver is a very real barrier."

"I am going to send the radio back to you. I do not want to exchange it for any credit on something else, I just want my money back. I would also like to let you know that my business with your company is now no longer in service, since I've already seen what kind of company you are and what kind of service that you uphold. A copy of this letter will also be sent to the Better Business Bureau."

**NonIDS, Not Just Slogans**  
 Mentioned usually without call letters; "strict" if a station only uses call letters once per hour as required by the FCC (at or near the top of the hour)

AL Tuscaloosa WTUG 92.9 Power 93-TUG, having moved from 92.7 [106  
 AR Hot Springs-LittleRock KLAZ 105.9 Hot/IL Chicago WJMK 104.3 loses "Magic 104," now Oldies 104.3, but always said with call letters  
 LA New Iberia KDEA 99.1 always says calls: "Easy 99.1 KDEA" [ny 93"]  
 MA Taunton WSNE 93.3 Mix 93.3 (from "Sun-/MN Breezy Point KLKS 104.3 (having moved from 95.3) K-Lakes 104.3 FM (not strict)  
 MN St. James KXAX 104.9 K-105 (from "Hot Rockin' 105")  
 NY Henderson WLKC 100.7 Lake Country NY Middletown WKOJ 92.7 K-O-J Orange NY Southampton WHFM 95.3 95-3 HFM

NY Utica WKGW 104.3 KG-104 (rubs out "Magic 104")  
 NC Rocky Mount WTMG 100.7 Oldies 100.7 (from "New 100.7 FM")  
 OK Hobart KQTZ 105.9 KQ Power 106 (and sometimes still "KQ-106"), no multi-city ID  
 PA Renovo WMHU 93.1 Cool 95.5, matching station in Salladasburg which it simulcasts  
 RI Block Island WBLQ 99.3 99-Q  
 SC St. George WKQB 107.5 Sunny 100 (sic), from "Q-107," ID with Charleston; simulcast with WSUY 100.7 Charleston  
 TN Crossville WEGE 102.5 Eagle  
 TX Dallas KLRX 97.9 still Light 97.9 FM, but IDs clearly about four minutes to the hour: "Our call letters are KLRX Dallas-Fort Worth"  
 TX San Antonio KISS-FM 99.5 Kool Gold, Kiss FM [WI Waukesha  
 KXTN 107.5 still Tejano 107, WMIL 106.1  
 UT Nephi KCDH 92.7 K-92 [FM-106  
 VT Rutland WJJR 98.1 Lite Rock 98  
 WI Reedsburg WNFM 104.9 uses FM 105, but always with call letters  
 ON Windsor CIMX 88.7 Hits 88 (strict-daytime); at night is p, "The Cutting Edge," but overall format is r

**Multi-City IDs in Use**

GA Millen WMCG 104.9 with Fitzgerald-Eastman-McRae  
 IN Earl Park WIBN 98.1 (having moved from 98.3), no ID with Fowler-Kentland  
 MT Sidney KGCH 93.1 with Williston ND  
 WI Kenosha WJZQ 95.1 with several WI and IL cities; ID heard at :50  
 "FMedia! is looking good these days. You're doing a fine job."

**AM Happenings Most Likely Caused by FM**

CA Blythe KJMB 1450 silent  
 IL Chicago WXRT AM would take over 820 (formerly WPNT), but wants to retain ownership of WSBC AM, which shares 1240 kHz with two other AM stations; this until WSBC can be sold  
 KY Elkhorn City WBPA 1460 "silent pending sale"  
 MA Boston WEEI 590 has let reporter Paul Dugan and writer John Walker go. Departures blamed on the war. "It did a lot for ratings but nothing for revenues." Station now down to 15 fulltimers. WHDH 850 retires Jess Cain, for 33 years its 5 a.m. to 8 a.m. person. He was at his peak when WHDH played music, but two years ago it played its last tune. "Now there's hardly time to go to the bathroom," Cain said. "We've got 2½ minutes of news at the bottom of the hour, 5½ minutes at the top of the hour, and the rest of the time I'm either talking or introducing someone else."  
 MS Jackson WOKJ 1550 ordered by the FCC to show cause why its license should not be revoked, and/or that David R. Price pay a fine up to \$250,000 for failing to light the station's towers, failing to respond to FCC inquiries and discontinuing operation without authorization. In Aug., 1990, the FCC notified it that its six towers had not been lit and that the station was not on the air. The towers were not lit as the result of the local power company turning off the electricity because of nonpayment. Since then, other agencies have arranged for paying for keeping the towers lit. "Consequently, these violations warrant revocation and forfeiture proceedings," the FCC said.  
 MO Macon KLTJ 1560 silent  
 NY Albany WROW 590 which had been simul-

**Cain: a 33-Year Fixture at WHDH Retires**

casting FM (95.5), is reverting to the easy listening format the FM had before going "soft adult contemporary." The 5-6 a.m. show is being simulcast, however.

PA Annville WAHT 1510 silent  
 TN Etowah WCPH 1220 silent, with station lease agreement expiring  
 UT Price KRFX 1080 silent  
 VA Manassas WPRW 1460 still silent, "Not surprising as the directional antenna put them right over the top of WCMB 1460 in Harrisburg PA, with WCEI 1460 in Easton MD also overlapping. To make matters worse, the station having a first harmonic on WPRW's frequency, WCPT 730 in Alexandria, with its transmitter halfway between Alexandria and Fort Belvoir at the old WVXX/WXRA site, has been granted nighttime operation. Surprising PRW lasted as long as it did."  
 BC Vancouver CIMA 1040 "Magic 104," drops CKXY "Kicks 1040" calls and has been through many format changes since starting in 1984 as talk/AC CIOF. Now nostalgia, like MOYL and talk in the evenings. "Has a major uphill battle" ahead of it.

"I'm not surprised that some AM stations are hostile to your efforts. Three to four of them go dark every week, because they can't figure out how to compete with FM. Perhaps you could convert them to smiling customers by offering an AM Atlas?"

**FM Rulemakings Proposed**

*First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed.*

AZ Holbrook 92.1C1 for A, KZUA, June 27, July 12  
 AZ Lake Havasu City 96.7C2 and 99.3C2, as well as 104.5C2 for 105.1C2. KBBC would move from 101.1 to 96.7, while KZUL-FM would go to 104.5 from 105.1.  
 AZ Wickenburg 93.7A, to be 7.8 km SW to avoid a short spacing to KDKB 93.3 Mesa and KMGH 93.9 Flagstaff AZ, Circle S Broadcasting, July 1, 16. [July 2  
 AR Bentonville 98.3C3 for A, KOLZ, June 17/  
 MS Kings 97.1A by Donald Brady, June 28, July 15. [counterproposal to below  
 MO Gallatin 97.3C3/ [tion filed  
 MO Malta Bend 97.5C3, Miles Carter, peti-/  
 NC Jefferson 106.1C3 for Saltville VA 106.1A, new CP, July 5, 22 [proposal  
 SC Ridgeland 104.9C3 for A, WSHG counter-/  
 WA Ilwaco 107.3C3, Michael T. McKenna, site to be 12.7 km west to avoid a spacing problem with 106.1C3 at Castle Rock WA, June 27, July 12. [June 28, July 15  
 WI Neenah-Menasha 94.3C3 for A, WROE/

**FM Rulemakings Finalized**

*Dates are when FCC filing windows are open*

AR Waldron 103.1C3 for A, KRWA.  
 CA Tipton 104.9B1 for Lemoore 104.9A, KQYZ.  
 IA Burlington 103.1C3, June 21-22  
 KS Winfield 95.9A, June 7-July 8. The FCC doesn't say, but this may be the channel added instead of 107.9C2, or it may be a C2 on 95.9. See last month, p. 6, col. 1.  
 NM Santa Rosa denied deleted station KHUY a bid for 95.9C3 for A and a counterproposal for 96.1C3 for 95.9A at Tucumcari instead of at Santa Rosa.  
 OR Banks 107.5C3 for A, \*KDBX, denying Michael T. McKenna's bid to be considered in this proposal; instead McKenna can independently pursue his interest in 107.3C3 at Ilwaco WA.  
 TN Union City 105.7A, site to be 11 km N. due

to WAKQ 105.5 Paris and WGKX 105.9 Memphis/  
 UT Nephi 103.9C for 92.7A, KCDH.  
 VA Appomattox 102.7C1 for B, WZST. [WA Rock Island  
 WI Algoma 96.7C3 for 96.5A, WOMA. [KXAA 99.5  
 WI Brillion 107.5A for 96.3A, WEZR. [dismissed its  
 WI Crandon 103.1A for 96.7A. [bid for 99.5C3  
 WI De Pere 95.9C3 for A, WJLW. [for A  
 WI Mishicot 94.7A for 107.5A, WTRW-FM.  
 WI Oshkosh 96.9A for 96.7A, WUSW.  
 WI Whiting 96.7C2 for A, WYTE.

**Let the Announcers Pay Ever So Dearly**

You may have seen it on TV's "Unsolved Mysteries"—the calling in to KROQ-FM Pasadena CA by a person claiming to have murdered his girlfriend. You may have read about the subsequent discovery that the "murder" was a hoax, and a hoax perpetrated with the full knowledge of two KROQ-FM disc jockeys: Keven Ryder and Gene Baxter. Accounts vary on what happened, but it seems a listener later identified the caller's voice as that of new nighttime announcer Doug Roberts.

It is all well and good that the three were suspended for six days without pay, that each has agreed to perform 149 hours of community service, and that they will reimburse the county sheriff's department for restitution costs, but a greater issue surfaces—that of credibility of a medium of communications. Perhaps an FCC investigation will determine whether or not the licensee, Infinity Broadcasting, had a hand in staging the incident, or whether it was strictly a prank dreamed up by the three announcers. If the three acted on their own, they should be dismissed, even if they are good air talent and a competitor might snap them up. Even if management was behind it, the three should be given their walking papers with a severance package and recommendation, since their remaining will have otherwise tainted that station with the appearance of dishonesty. FM radio is too important a resource to surrender its public service responsibility in such a flippant manner.

**FCC Takes First Timid Steps to Check on Timebrokering**

Apparently responding to a series of pointed questions posed to the FCC by Rep. John Dingell (D-MI), the FCC has come down hard on a small AM in Maine. WREM 710 Monticello was hit with a \$10,000 fine for unauthorized transfer of control. The FCC found that licensee Benito Rish was paid by ARK Broadcasting a monthly rental, taking control of the station. "This constituted an abdication of control by Rish to ARK," said the FCC.

Some of Dingell's questions to the Commission: "Are you satisfied that the current policies provide adequate assurance that there has been no unauthorized transfer of control in such cases?" "Does the Commission have any mechanism for

knowing which licensees, or how many licensees, are engaged in time brokerage for all or significant portions of their broadcast day?" "Does the Commission routinely request to review any time brokerage contracts at the time of license renewal?" "Does the Commission have any means of knowing whether a particular licensee brokers time on other stations in the same market?"

#### **FCC Proposes Revisions of Radio Rules and Policies**

Tied in the with laissez-faire atmosphere in which radio time brokerages go on, the FCC has made a series of proposals to make it easier for existing owners to expand. Specifically, it is asking comments on whether: 1) the rule forbidding owning more than 12 AM and 12 FM stations should be relaxed, perhaps using a market-based approach; 2) to modify the contour overlap rule to allow for more than one AM and FM station on each band by the same owner; 3) to encourage joint ventures, cooperative arrangements and time brokerage agreements; 4) to allow minority ownership limits to increase from 14 to 20 AM or FM stations (as proposed by the NAACP). To help AM, the number of stations one could own could be unlimited, while keeping it at 12 for FM, or the FCC could limit one owner to, say, 30 stations, with 18 AM and 12 FM or 22 AM and eight FM. While agreeing with the proposal, FCC Commissioner James Quello said that the FCC "could find itself mired in local population figures and local radio audience shares in its efforts to resolve disputes or to establish appropriate benchmarks." Commissioner Ervin S. Duggan favors a go-slow approach to the matter and points out how relatively low-billing radio stations are. The average supermarket in Washington DC bills \$22 million, while fewer than one percent of radio stations bill \$10 million or more. And, he points out, the inquiry does not consider the impact of digital audio broadcasting on the radiomarket. FCC Commissioner Andrew C. Barrett: "I am also concerned that the Commission commences a reexamination of the radio ownership limits at a time when we are about to explore new technologies which could radically change the radio industry. . . DAB has the potential to equalize AM and FM radio from competitive and technical standpoints. In today's marketplace, the ownership of two or more AM stations may be appropriate. However, in the future, if one considers that these stations may soon be providing a CD quality sound, it may make less sense to allow too much concentration. In addition, without a full understanding of the impact of DAB, many small market radio stations may be encouraged to sell to speculators." FCC Chairman Al Sikes said "Our

reexamination of FCC radio rules has activated the critics. They maintain that change will somehow undermine diversity. As a former radio broadcaster, I recognize that criticism. But it's also important to remember it arises chiefly inside the Washington Beltway, and is grounded in special interest politics. The real issue is whether radio must continue as a fragmented, perpetual small business—or whether government will allow radio entrepreneurs more choices." Sikes also came out in favor of allowing foreign ownership of stations in the U.S. Congressional action would be required to change this part of the Communications Act of 1934. His proposal would allow any percentage of foreign ownership of U.S. stations provided the country in question allowed U.S. citizens the same level of ownership in their stations.

#### **FCC To Broadcasters: Don't Tamper With EBS**

As reported last month, the FCC slapped a hefty (\$25,000) fine on KSHE 94.7 Crestwood MO for faking a nuclear attack warning. It didn't take the FCC long to send a nudge to other broadcasters not to alter the EBS presentation. Radio people are not to exercise their creativity by blending the EBS tones with music. Specifically, the FCC stated that "KSHE's use of tones popularly mistaken for the Emergency Broadcast System Attention Signal tones, undermined the integrity of the EBS. It also conflicted with the clear intent of the Commission's EBS rules which are designed to deal with true national, state or local emergencies." Like the KROQ-FM situation reported above, there's a need for more honesty and integrity on the part of those who control the facilities of broadcasting.

But Bob Collins, WBBS 105.1 Great Barrington MA, says the EBS is ineffective, especially with so many stations automated and having no capability of warning the public of impending weather disasters. The NAB, however, has asked the FCC to shorten the EBS tones, to allow stations to write their own EBScripts and to allow stations to fully automate EBS monitoring/control functions. Broadcasters want the shorter tone and freedom to trim the script because they feel the current form, which runs about 60", is too long and invites listener tune-out.

#### **DAB a Dud at Las Vegas?**

It seems so, especially when the specially-equipped bus couldn't provide any real-world multipath to mar the FM signal. Riders were treated to KLUC-FM 98.5, as well as its AM and a DAB version of its signal. Those who took the tour reported a marked contrast between AM and FM, but with little noticeable difference between FM and DAB. Now to make

adoption of the Eureka system more difficult, the U.S. Air Force declared it wants to keep the L-band 1500 mhz spectrum. Increased use of this band is envisioned by the Air Force, suggesting that the "almost totally unused" upper end of the UHF TV spectrum be given over to DAB, or an in-band FM (88-108 mhz) system be considered.

And we haven't heard the last of FMX, the system which is supposed to extend the distance at which FM stereo can be heard. Broadcast Technology Partners is still at it, with Tom Keller saying the only improvement promised by DAB over regular FM is the elimination of multipath interference. Using current FM broadcasting along with certain practices would solve the problem, including: Widespread use of diversity receiving antennas, implementation of FMX with special encoding at the transmitter and decoding at the receiver, use of better FM selectivity filters and a multipath blend circuit in receivers, and the incredible suggestion to reduce receiver front end sensitivity by three to four dB.

#### **FCC Clarifies Rules Concerning Class C3 Stations**

Stations which are short-spaced may still qualify for a C3 upgrade if the short-spacing is five miles or less, but this applies only to stations the FCC considers as "grandfathered." However, such stations, if they seek a new site, must obtain permission of other affected broadcasters. The FCC stated it will retain its second and third adjacent channel interference protection criteria. [A copy of the FCC curves for FM, with instructions, and a sheet giving all the FM station classes and distance separations from other stations, is available from "FM Atlas," Adolph MN 55701, at \$2.00 postpaid.]

#### **Small-Print Happenings and FM Industry News**

The so-called "pioneer's preference" (last month, p. 6, col. 2) won't apply to those seeking new FM station assignments. Home Broadcast Company, Edward A. Schober and James P. Wagner all favored applying this to requests for assignments of new station frequencies. However, the FCC ruled, "since this proceeding deals only with the development of new communications services and technologies, we find the issue of extension of the pioneer's preference to commercial broadcast assignments to be beyond the scope of our consideration." I believe Bruce Quinn in Indiana had asked for a pioneer's preference in new station assignments a couple of years ago, so the idea was not novel and could have been taken up by the FCC in this proceeding.

The FCC decided that applicants heading for a hearing must pay their hearing fees before a comparative hearing is designated. Each \$6,760 payment must be accompanied by FCC Form 155 and a cover letter.

KUPD 97.9 Tempe (Phoenix) AZ's denial of license renewal was upheld by the FCC, which has granted the facility along with its AM to Grimm & Clifford. Previous licensee "lacked candor" and was guilty of misrepresentation when ownership changed in 1974 to Tri-State

Broadcasting Co. Getting off a lot easier was WYCA 92.3 Hammond IN, which was hit with a Petition to Deny its license renewal by Bernadette Cash Williams, an ex-employee. The FCC found the station fully in compliance with FCC rules, including the broadcast of a contest, "The Spirit of Love," which the FCC found not to be fraudulent, nor was there any employment discrimination as Williams alleged.

WZZR 92.7 Stuart FL fined \$7,500 for EEO violations, having been cited by the NAACP and the National Black Media Coalition.

"Bubba The Love Sponge," who had been in Grand Rapids MI—a market too conservative for his strident black announcing style—won a lawsuit against WIOQ 102.1 Philly. Todd Clem, his right name, won \$75,000 in damages when a jury determined that EZ Communications breached its contract when it fired him 2½ months after bringing him there from Chicago. Clem had a two-year contract with WIOQ. He is said to be working at an unnamed Orlando FL station.

Ted Jones dies, and with it a legacy—and will it be for all time? He's the former owner of WCRB 102.5 Waltham-Boston MA who made



news recently for endowing the station enough to keep it classical for 100 years into the future. Jones, 80, had cancer. Boston Herald classical music writer Ellen Pfeiffer said: "I found Ted to be a fascinating character. In the world of classical radio he was an improbable idealist. He

never really knew very much about classical music, but he and his wife were absolutely committed to the idea of a classical music station in Boston, and they never, ever lost sight of that." There's a directory of Concert Music Broadcasters, and you can have a copy if you send a large self-addressed stamped envelope and 52¢ postage to John K. Major, KCMA, 2021 South Lewis, Tulsa OK 74114. I have also a 1985 "Classical Radio Guide," published by WFMT Chicago, and mentioning the "FM Atlas" as one of the sources. I am not sure if the guide Major hands out has replaced the WFMT guide, but he worked for as research director of WFMT before moving to Tulsa and starting KCMA.

Jack Moore's Progressive Radio Network, commonly known as "The Breeze," apparently folds. It is known that they had lost their uplink, but this was thought to be temporary. I tried calling the Breeze and received a recorded announcement that the number had been disconnected. Stations still calling themselves "Breeze" must be playing their own tapes.

Private radio stations to be allowed in South Africa? If so, they'd all be FM, since that country converted from AM to FM some 20 years ago for the national networks. A correspondent said: "There is talk of our college here in Somerset West starting a local radio station. . . The situation in South Africa is opening up more and more. At the moment there is a board discussing the future of radio and TV in South Africa. The results of their findings and decisions will be published later on this year. It is very likely that they will allow private radio stations."

Infinity-Howard Stern may be in for more trouble as Edward Atsinger and Stuart Epperson have filed against WXRK New York. They are principals in Salem Media (WMCA 570 New York). Ironically, they are taking their wrath out on a station whose 92.3 was once WMCA-FM. The history of WMCA-FM appeared in an early "FM Atlas."

A pirate in West Bend WI, "WZLP," was shut down by the FCC. It was a 10-watter, which had been on the air on an unnamed frequency for four years. The FCC official, after fining the operator \$1000, told him he had "good presence"

on the air and should get into "real radio." "Didn't know we paid them to be media critics, too," commented the newsletter of Ch. 28 of the Society of Broadcast Engineers, Milwaukee.

They say FM on the cable sounds terrible, but a technology which could surmount that handicap, similar to DAB, is DMX, Digital Music Express. A DMX channel converter plugs into your component stereo allowing for playing random, perpetual playback of 30 formats of commercial free music. Paragon Cable in San Antonio is expecting a market of 10,000 to 20,000 subscribers for its DMX service, and is planning to go nationwide. Probable monthly charge of \$9.95 will be added to by the cost of a converter. A cable operator in WV, Shannondale Wireless, has received an FCC DAB license to test the system in the S-band (higher in frequency than the L-band), while L.A. area stations KLIT 101.9 and KQLZ 100.3 have been granted an OK for S-band testing from Mount Wilson.

The Minnesota Broadcasters Association newsletter had a headline story, "MPR Gets Third FM in Duluth," with the grant of KQUH \*97.3. "The MPR story to the public is: We want to provide Minnesotans with a dual service, entertainment on one network and news and information on the other. So the question of the day is, does the third station in Duluth signal the beginning of a third network? . . . MBA position continues to be those who listen to MPR stations should pay for MPR stations. Less than 1.5% of the population of Minnesota financially supports MPR stations willingly. Over 4,300,000 Minnesota residents do not willingly give their hard-earned dollars to MPR. MBA believes that the users of Minnesota Public Radio, Inc. stations [and not the legislature] should pay for Minnesota Public Radio, Inc. stations, just as the users of every other commercial station pays for it through patronizing their advertisers."

WMHT-FM \*89.1 Schenectady and its two ETV affiliates have cut staff by 10 positions, due to a recession and state budget cuts, which could be as much as \$10 million.

Wanna know more about broadcasting to the north of us? A free brochure, *So, What Good is the CRTC?* can be yours from Bill Allen, director of communications, CRTC Information Services, Ottawa ON K1A 0N2, CANADA.

CHSN Sun 102 FM Saskatoon learned how to sell advertising in a tough (177,000 population) market without cutting rates. Here's how they did it, according to *Broadcasting Technology* magazine: Ten second acknowledgements rather than 30-second commercials, one-hour remotes with four 60s in the hour aimed at advertisers with peak hours such as restaurants and gas stations, and no freebies—no one week's worth of commercials preceding the remote. "It's just a straight one-hour remote." CHSN also tries to schedule one-minute tips pertaining to the sponsor's business, such as a 60s gardening tip. Response so far has been good.

Denied: Suspended attorney Thomas L. Root's petition to the FCC to practice law there. He claimed he qualified under the Equal Access to Justice Act.

Now college radio stations can find out how their audience measures up according to Birch. The National Association of College Broadcasters signed an agreement with Birch/Scarborough to provide discount packages for noncommercial stations. Use of the info will help as stations seek underwriters, and to provide learning about the ratings system. For information call NACB at (401) 863-2225.

WCAL-FM \*89.3 Northfield MN soon constructs a tower just south of St. Paul MN, which will deliver a clear signal into the seven-county metro area. It will include a concrete block building with room for two transmitters, plus space for two-way radio and a studio for emergency use. The old WCAL-FM tower, on a farm field north of the St. Olaf College campus, will be retained for standby use. WCAL-FM has a \$1.1 million budget, receiving 35 percent of its money from the college, 25 percent from

listeners and 21 percent from the Corporation for Public Broadcasting. The rest of the money comes from the station's endowment, state grants, corporate donations and "miscellaneous" sources, such as bequests.

It's OK for noncommercial stations to use 900 numbers for fundraising—this after getting the word from the FCC. The first station expected to install the service is WSOU \*89.5 South Orange NJ. "Stations can carry such material as upcoming specialty shows on the air, area concert updates. . . even ads," says the NACB.

Speaking of fundraising—KDNW \*90.5 Duluth MN had a successful sharathon with pledges coming to \$142,000 and "still climbing. We are grateful to each of you whom God has called to support this ministry." They are working on a new building program on land which they own on a major street, to replace rented studios.

The National Association of Broadcasters has urged the Office of Management and Budget (OMB) to restrain the Federal Aviation Administration (FAA) from adopting a new and costly set of broadcast regulations. The FAA has argued that FM stations and other radio spectrum users are at the root of alleged interference problems near some of the nation's airports. The FAA has overstepped its bounds with proposals that would impose excessive industry and government costs, the NAB said in a letter to Janet Hale, OMB's associate director of economics and government. The FAA proposals, the NAB said, would block or unreasonably delay broadcasters' efforts to put on new stations or upgrade existing ones. The NAB said that FM interference has never been documented at airports to the extent claimed by the FAA. Poor aeronautical receivers are the real culprits, the NAB charged. The FAA, however, asserts that the total financial burden on the broadcast industry from the new regulations would be less than \$50,000 per year. Even the FCC has joined the NAB in this battle against the FAA. The NAB urged the White House budget office to move quickly and reject the FAA proposals.

The FCC was dealt a setback by a three-judge panel of the U. S. Court of Appeals in Washington DC, which said the congressionally-enacted 24-hour ban on the broadcast of "indecent" matter was unconstitutional. The court sent the case back to the FCC with instructions to hold a proceeding to identify a "safe harbor" period during which such material can be broadcast. The 24-hour ban never actually went into effect. In early January, 1989, the Court of Appeals stayed the ban's effective date, and the FCC subsequently put into effect an 8 p.m. to 6 a.m. "safe harbor." This "safe harbor" remains in effect until further FCC or court action. Meanwhile, the FCC has continued to act on "indecent" complaints, as you may recall from last month (p. 6).

WKYS 93.9 Washington DC turned hero recently to some people who had expired parking meters. When they found them, staffers dropped in quarters to ward off the meter maids. "Lucky drivers found a 'WKYS Cares' card under their windshieldwipers—instead of a ticket," according to a report in the NAB's *RadioWeek*.

Broadcast totals from the FCC as of April 30: FM radio (commercial stations, 92-108 mhz) 4442, educational (88-92 mhz) 1460; AM radio 4987; FM translators and boosters 1853.

From the classifieds: For sale Class C CP Hobbs NM, ideal for Christian programming. Bob Flotte, KPSA-FM-AM, Box 720, Alamogordo NM 88310.

Wincharger tower 120' on ground with guys, \$500 FOB Duluth. J. Stromquist, WNCB, 2828 Piedmont Ave., Duluth MN 55811.

Bogen TP200 digital AM-FM stereo tuner new, shielded, \$150. E. Davison, 135 N. Illinois, Springfield IL 62702; (217) 787-0800.

High quality micro-miniature 67 kHz SCA decoder, about 2.5 cm square, prewired and ready to install, \$15. D. Jackway, Background Music Eng., 5742 Fair oak, Springfield MO 65810; (417) 881-1846.

**FM AS IT WAS—OR MIGHT HAVE BEEN**

The National Association of Community Broadcasters has a feature in its newsletter called "Community Ear." In it KALW \*91.7 San Francisco is remembered as celebrating, on Mar. 10, its 50th anniversary on the air. Not only was KALW the first FM station in San Francisco, but it was the first noncommercial FM station west of the Mississippi! KALW has another reason to cheer. They have finally moved into their new interim offices and studios in John O'Connell High School. The station's former facilities were destroyed in the 1989 earthquake. Thanks to NTIA/PTFP they now have \$100,000 worth of new equipment. Reader Carig W. Pattillo sent a "San Francisco Examiner" story on KALW's 50th. Special anniversary programming will continue throughout the year. Some of the programs will come via 33 1/3 rpm 16-inch standard groove electrical transcriptions, if equipment to play them can be scrounged up. Like many other public stations, KALW has had to tighten its belt in the wake of budget shortfalls and had to give up American Public Radio and Garrison Keillor. Transmitter is on Christmas Tree Point. "Like most public radio stations, KALW's modest physical plant and nutrient-rich programs are underwritten by listeners, especially paying members. A KALW program guide is free for the asking at (415) 695-5740."

Since KALW originally operated in the old 42-50 mhz band, its transmissions tended to get out quite well via E-skip. Here's a letter written in 1947 by a

daily operation of a station employing the method, Major Armstrong said, will begin early in the spring, when W2XMN, an experimental unit, with equipment on the Palisades near Alpine N. J., will start regular programs.

The new system, Major Armstrong said, eliminates static, tube noises and interference of all kinds. "The new system," said Major Armstrong, "will greatly relieve the danger of the air waves being monopolized, which has given so much concern to Congress. It will make available a service on the ultra-high frequency channels that are comparatively unused at present." The system employs a revolutionary new system of transmission and reception invented by the Columbia professor. It is known as the method of frequency modulation and differs radically from the amplitude modulating system now used.

Construction of the "frequency modulated" receiving sets of the new type—called an impractical dream in the past—already has been started by the General Electric Co. The new sets, when made on a quantity basis, will cost no more than the ordinary good sets of today and will receive both the old and new types of broadcasting. The new frequency modulation differs from the amplitude modulation transmitter now in use in that the wave frequency broadcast by the new method is changed in accordance with the fluctuations of the voice and not the intensity of the radiation. The fundamental principle consists in introducing into the transmitted wave a characteristic that does not exist in the waves produced by nature. The receiving system is not responsive to waves of natural origin but only to the waves having the special characteristics.

Arrangements have been made, Major Armstrong said, for the new station to receive and broadcast on its own ultra-short wave length the daily programs prepared by station WQXR in New York City. Station W2XMN eventually will receive a commercial broadcasting license, he hopes; it now is licensed experimentally to broadcast on a wave length of about seven meters. It was built at a cost of several hundred thousand dollars and is owned entirely by Major Armstrong.

**FM FORUM  
CONTRIBUTIONS FROM READERS**

A victim of FM's success is Gustav Mahler. Even the so-called classical stations are staying away from his music in favor of the baroque or shorter selections which seem to fit in with the way most people use radio. Alex Nardacci sent a "New York Times" piece on how many stations across the country are offering the most popular, or shorter classical pieces. "Not only the content, but also the style of presentation is shifting. Many classical announcers have come to emulate the breezy, upbeat pattern of their pop brethren, whose ratings they can only envy from a distance. The station's call letters, dial numbers and a catchy slogan are often butted up against the music fore and aft, taking precedence over composers and performers. Talk, unless it is brief, happy and inane, is anathema. For commercial and even some public broadcasters, information and enlightenment tend to be dirty words. In this brave new world . . . classical music is to be treated not as art, but as entertainment or background."

Another pirate nabbed—"WHDL" 102.1 Braintree MA. Scott Gallagher was nabbed at the ripe old age of 24. He started the station when he was 14. "I didn't set out to do this to harm anybody or make any money," Gallagher said. "Whenever I went on the air, it was always fun. The more the kids enjoyed it, I enjoyed

it." The FCC acted on a complaint, after a Quincy man heard the station and called the FCC to see if it was licensed. Gallagher was fined \$750. He hooked up a transmitter in his bedroom in 1982 and started broadcasting a signal that could barely be heard beyond a block. As he increased the station's power, he was said to have gained a loyal audience in Quincy, Braintree, Randolph and Holbrook. Helping out were about a dozen friends in their teens and early 20s, who came in and played rock and roll from evening until early morning six or seven days a week. Several days after the shutdown, listeners were calling the station's request line to ask for their favorite songs or offer condolences. Although most listeners were between 12 and 22, the station attracted one nine-year-old and a 51-year-old man who called often to request songs by Led Zeppelin. Gallagher had \$4,000 invested in equipment, with an antenna in a back yard pine tree partially visible from the street. The station's call letters were even printed in the 1987 Braintree High School yearbook. If he tries to broadcast again, Gallagher could face penalties up to \$10,000 and a year in prison. "What would be so ridiculous about allowing us to go on?" he said. "What would be so bad about it? We've been on so long."

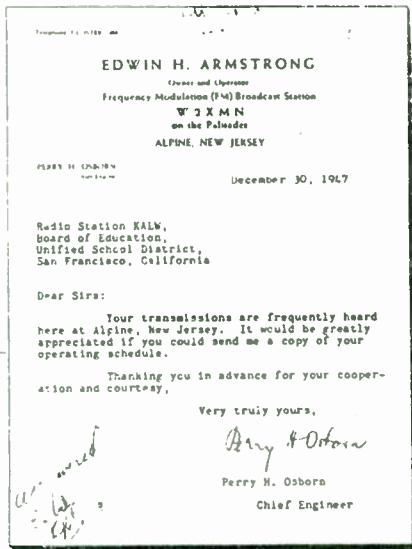
NY Rensselaer WQBK-FM 103.9 a purveyor of profanity? Perish the thought, but the team of Bob Mason and Bill Sheehan had never used the 10-second delay when airing listener calls to their show. That's all changing, because of an event around 9 a.m. when Mason was doing the live "office olympics" contest. Mason said a contestant was supposed to go on the air, whom he called in advance. "I called the number that was my contact [and] the guy who answered the phone seemed to know what was going on. . . After we got on the air, I sensed that there might be trouble coming." The contestant turned out to be a different person than the one called, and the obscene language presumably flowed after that. Mason said he was flooded with calls from listeners after the incident. "Ninety-nine percent of the audience knows that that's live radio. I've always skated near the edge, and it's never happened to me before, but it's happened to other people in radio lots of times. It's a calculated risk." Blake Edwards, WQBK-FM's program director, said "It was an honest mistake. There's some person out there who set Bob up for this deal. Steps are being taken to make sure it never happens again."

A person who was enticed by the ad for the current FM Atlas is William Mockbee of Quincy MA, who says "I am an old Armstrongite working for the old Continental FM network, along with Bill Cerri, Nelson Griggs, Everett Dillard and others. We have a mutual friend in Ed Perry at WATD-FM the DataWorld King of the World! You mention beautiful music. I am the former operations manager for WJIB 1979-1981. It is now WCDJ (96.9 Boston). . . I have lots of info on JIB, Armstrong, Dillard, the Boston Channel 5 case, et.al. Maybe I'll have time to drop you a longer time."

Walter Bungay in Quebec sent an article on a Polish FM station, the 400-watt Radio Zet. That and two other stations are the first of that nation's independent broadcasters. Michigan's Larry Deming comments on the demise of many beautiful music stations. It's "because many of the good music orchestra conductors have passed away. Percy Faith, Andre Kostelanetz, A. P. Mantovani, Arthur Fiedler, Leonard Bernstein and Eugene Ormandy have died. We still have Ray Conniff, Henry Mancini, Paul Weston and John Williams."

Alaska's Rod O'Connor says the 96.1 allocation for Nome has so far been applied for only by the Catholic Bishop of Northern Alaska, which runs KNOM 780 AM, a noncommercial station "which puts out an excellent signal to Bering Sea and eastern Siberia—also comes in well during morning darkness in the winter here in Kodiak."

Until July, *Bruce F. Elving*



Major Edwin Howard Armstrong was the developer of Frequency Modulation (FM) W2XMN was the first full-scale experimental FM station broadcasting regularly

member of Edwin H. Armstrong's engineering staff reporting reception across the continent.

From the "New York World Telegram," Jan. 17, 1939, an article, "1,000 New Radio Stations Due in New Channel by New Method. W2XMN, Experimental Unit, to Begin Daily Broadcast in Spring, Says Inventor." The hope of 1,000 to 1,500 new radio stations going on the air was based on announcement by Major Edwin H. Armstrong, professor of electrical engineering at Columbia University, of perfection of a new method of broadcasting that will permit the use of a great new channel in the short-wave range. Actual

# FM Media!

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A NEWSLETTER OF FACT AND OPINION ABOUT  
FM RADIO AND RELATED TECHNOLOGIES—  
FROM THE PUBLISHERS OF THE  
"FM ATLAS AND STATION DIRECTORY"

Volume 5, Number 7—July, 1991

## New FM Station, Translator Grants

AL Attalla (Gadsden) 102.9 1100 h.v.; 214 m, Kerry Rich [James Wilson III]  
AL Dothan WJUN 101.3 3000 h.v.; 100 m/  
AL Rogersville 93.9 3000 h.v.; 100 m, Eugene G. Hutchens [Teresa B. Lowry]  
AL Warrior 98.7 3000 h.v.; 100 m/  
AK Anchorage KRUA \*88.1 160 h.v.; 88 m, U. of AK—Anchorage  
AZ Bullhead City K296ED 107.1 (KZUL 104.3 North Las Vegas NV translator) [on air  
AZ Prescott K296AM 107.1 (KDKB 93.3 Mesa) /  
AR Fayetteville K276CO 103.1 (KOLZ 98.3 Bentonville), applies for renewal of license  
AR Hot Springs Village 92.9 2400 h.v.; 152 m, Caddo Bcstg. [casting  
CA Los Banos 106.9 3000 h.v.; 84 m, VLBroad-  
CA North Morgan Hill KOME-2 98.5 40-w booster of San Jose station  
CA Tehachapi K202BR \*88.3 (KEFR 89.9 Le Grand); formerly K210AI 89.9 Poso  
DE Dover \*91.7 710 v.; 85 m, Temple U  
GA Chatsworth W217AD \*91.3 (WCCV \*91.7 Cartersville) [T&M Broadcasting  
GA Harlem (Augusta) 95.1 6000 h.v.; 100 m /  
GA Lilburn W288AU (although licensee claims it is "W288BB") 105.5 still on air, relaying WRAF \*90.9 Toccoa Falls GA; "Everything has been taken care of."  
HI Princeville (Kauai) 98.9 100000 h.v.; -16 m, North Shore Radio, Inc.  
ID Bellevue K207BD \*89.3 (KBSU 90.3 Boise)  
ID Preston 96.7 110 h.v.; 69 m, the Nelsons  
IL Vandalia W202AQ \*88.3 (WIBI 91.1 Carlinville) [Robert M. Peters  
IN Churubusco 96.3 3000 h.v.; 100 m /  
IN Nashville 95.1 1600 h.v.; 194 m, Julie J. Carey  
IN Noblesville (Indianapolis) 93.9 3000 h.v.; 100 m, Weiss Broadcasting, initial decision, subject to reversal  
IA Fairfield \*90.5 100 h.v.; 30 m, F. Educ. Radio Station, believed connected with Maharishi University [\*91.3 Des Moines)  
IA Fort Dodge K206BC \*89.1 (KDFR/ [Noe  
KY Cumberland 102.7 80 watts h.v.; 555 m, R.C./  
KY Madisonville 106.9 6000 h.v.; 100 m, M. Media [h.v.; 100 m, Valley Radio  
KY Valley Station (Louisville) 105.9 3000/  
LA Lake Charles 105.3 50000 h.v.; 150 m, B&C Bcstg. [Tidewater Bcstg.  
MD California WBEY 102.9 3000h.v.; 100 m /  
MI Walker (Grand Rapids) 100.5 2400 h.v.; 113 m, GNS Bcstg., initial decision  
MN Sauk Rapids K250- \*95.9 (KTIS-FM \*98.5 Minneapolis); had been on 96.7, but was presumed deleted because KKSJ 96.1 Sartell is about to move to 96.7  
MS Natchez 97.3 3000 h.v.; 100 m, Cloud Nine  
MO Half Way (Bolivar) 93.1 2400 h.v.; 112 m, KYOO Bcstg. Co.  
MO St. Robert KFLD 96.5 6000 h.v.; 100 m, Rones and Dahl, transmitter Waynesville MO  
NV North Las Vegas K296EC \*107.1 (KNLB 91.1 Lake Havasu City AZ) [Beattie  
NH Lancaster 102.3 3000 h.v.; 45 m, M.W./  
NJ Atlantic City \*89.7 25 w h, 6000 v.; 84 m, NJ Pub. Bcstg. Auth. [Espanola station  
NM Santa Fe KIOT-1 102.3 250-w booster of/  
NY Olean W218AK \*91.5 (WFBF 89.9 Buffalo)  
NY Peru \*88.3 200 h.v.; 338 m, St. Lawrence U.  
OK Altus K210ML \*89.9 (KCCU 89.3 Lawton)  
PA Burnham (Lewistown) 96.7 450 h.v.; 259 m,

Pauline S. Hain [Camden NJ]  
PA Catawissa W212AM \*90.3 (WKDN 106.9/  
TN Dresden 95.1 6000 h.v.; 100 m, D. Bcstg., Inc.  
TN Madisonville 99.5 2500 h.v.; 157 m, Major Bcstg. Corp. [Gay, Jr.  
TX Amarillo 105.7 3000 h.v.; 100 m, J. A./  
TX Franklin 98.9 3000 h.v.; 100 m, F. Community Bcstg.  
UT Midvale KQMB 102.7 50000 h.v.; 835 m, Walter P. Faber, Jr., but FCC rejected Faber's bid for a different site with better coverage  
UT Toole K255AB 98.9 (KCPX 98.7 Salt Lake City)  
VA Martinsville \*90.5 9800 h.v.; 116 m, directional antenna (c-a), M. Community Workshop, Inc. [ion Communications, Inc.  
VA Roanoke \*90.3 2000 h.v.; 455 m, g, Vis-/  
VA White Stone 100.1 3000 h.v.; 100 m, Windmill Communications  
WI Altoona (Eau Claire) WISM-FM [AM is in Eau Claire] 98.1 6000 h.v.; 56 m, Dri-Five, Inc.  
WI Verona (Madison) WMMM-FM [AM is in Westport CT] 105.5 3000 h.v.; 100 m, r, The Fedlers, "Triple M 105 FM," expected on later this month  
WI Whitewater WSLD 104.5 3000 h.v.; 100 m, State Long Distance Telephone Co.  
BC Atlin 96.1 8 watts h, Native Communications Society [Native C. S.  
BC Canim Lake 98.1 8 h, [Native C. S.  
BC Kitseguella (location unknown) 97.1 8 h /  
BC New Aiyansh 96.1 8 h, Native C. S.  
PQ Harrington Harbour 97.7 180 h.v.; English; community station [h.v.; English; com'ty  
PQ La Tabatiere/Mutton Bay 98.5 70/  
PQ Riviere-du-Loup CIBM- 107.9 33-w relay of Riviere-du-Loup station  
PQ Trois-Pistoles CIBM- 104.9 8-w relay

## Call Letters Assigned or Changed

AL Birmingham 106.9 WBMH (from WKXX), k[country], following departure of several staffers and "request by creditors to put the station under the control of a trustee"  
AL Moulton 103.1 WXXI  
AL Opelika 96.7 WMXA, to 3000 h.v.; 100 m  
AZ Colorado City 107.1 KCCA  
AZ Cottonwood 95.9 KZGL (KSMK), still r  
AZ Phoenix 96.9 KPSN (KMEQ-FM)  
AZ Tucson 107.5 KYUD  
AZ Tusayan 92.1 KSGC (KRBZ)  
AR Bella Vista 106.5 KBVA  
AR Prairie Grove 94.9 KDAB  
AR Wrightsville 107.7 KYTN (KQUG)  
CA Quincy 100.3 KZDD  
CA Victorville \*88.5 KXGV; \*89.5 KYUB  
CO Brush 107.1 KSIR (KKDD)  
CO Lamar 105.7 KVAY (KNIC)  
CT Guilford \*91.5 WGRS  
CT Litchfield 97.3 WZBG  
DE Selbyville 97.9 WSBL  
FL Bonita Springs 96.1 WRXK-FM (WRXK)  
FL Clearwater 95.7 WMTX-FM (WMTX; AM is in Pineallas Park FL)  
FL Edgewater 93.1 WEDG  
FL Five Points 106.5 WCJX  
FL Sarasota 106.3 WSRZ-FM (WSRZ), o[Idies]  
FL West Palm Beach \*90.7 WXEL-FM (WXEL; WXEL-TV is on ch. 42)  
GA Brunswick 100.7 WOKV-FM (WIOI-FM); AM is in Jacksonville FL [gets new calls  
GA Buford 102.3 WLKQ "FM" (WLKQ); AM/  
GA Fitzgerald 96.9 WRDO  
GA Wrens 96.7 WAKB-FM (WAKB)  
HI Lanai City 104.7 KONI  
IN Howe \*89.7 WHWE  
IA Oskaloosa 104.9 KBOE-FM (KOSK), k  
KS Wichita \*88.3 KYFW (KCEV)  
KY Eminence 105.7 WXLN-FM (WXLN); AM is in Louisville  
KY Louisville 99.7 WDJK (WDJK-FM) 100.5 WTFX [-FM], r  
LA Bastrop 100.1 KRUV (KMYQ- [106"  
LA Monroe 106.1 KMGC (KNAN), still "Magic/  
LA New Iberia 93.7 KZLN  
ME Dover-Foxcroft 103.1 WDME "FM" (WDME; AM folds, see "AM Happenings" below). FM is monophonic. S. Marshall writes on letterhead with the AM crossed out: "I didn't quite say I favored FM mono; I said there were

## WDME AM/FM



some reasons for WDME management to stay mono. First, the whole facility is mono from end to end. Our carts are first generation Gates and we use carted music. Production console is a vacuum-tube mono Gates Yard. Main console is a Sparta first generation germanium transistor. We pay New England Tel. & Tel. for only one program line to the transmitter. We do a tremendous amount of sports and remotes. We program a good deal of talk. Most of the sports is barely telephone quality, even the Red Sox. Stereo might make the music more attractive, if the music was good to begin with, which it mostly isn't. We did a live rock music remote that sounded terrific over the Marti RPU. The big music stations do live music remotes, but nobody has a stereo Marti yet. Ours sounded much cleaner because we direct box off the band mixer instead of trying to mike acoustically. The big drawback of stereo for us would be the loss of coverage. Ninety percent of stereo FM radios lack a manual mono switch. They force you to listen to a degraded (noisy) signal as long as the pilot carrier is on. Even "blended" still has that AM hiss. Our terrain is hilly to mountainous, heavily forested, poorest ground conductivity. The antenna is not all that high, all of which causes severe multipath. With stereo, we'd lose 75% of our clear (full quieting) coverage. When we ran mono with one subcarrier (67 kHz), the subcarrier 'punched holes' in the coverage right here in town. Our utility power is single-phase, which translates to a higher AM noise factor than three-phase would give. Since the L-R component of stereo is basically AM, we're back to poorer coverage again. I guess the bottom line is bucks—it would cost quite a bit to upgrade to stereo but we'd end up with less. We'd be trying to compete with larger markets with less coverage."  
MD Mechanicsville 98.3 WSMD (WQMR)  
MD Ocean Pines 97.1 WXJO  
MD Towson \*89.7 TMD (WCVT)  
MA South Yarmouth 103.9 WATB (WVCU)  
MI Grand Rapids \*89.9 WBYW (WEHB), now rj, also s, m, k, "presented in no particular order with no particular coherence. WBYW, 'We Bring You The World', sounds like a bone-headed, crude attempt at ripping off WYCE \*88.1 (Wyoming MI)'s successful eclectic/progressive format. . . WBYW's approach contrasts with the professionalism and intelligence of the WYCE staff and programmers. Like everything else this station has tried over the years, I doubt this will do anything to change its [desperate] situation. .

. I have yet to hear any CBC/BBC programs on WBYW, though they keep promising such things."  
 MI Lexington 96.9 WBTI (WYDG)  
 MN Deer River 105.5 KLZZ (KXGP)  
 MN Walker 99.1 (having moved from 99.3)  
 KLLZ (KLLR-FM), rm, "KLZ, Minnesota's Power Loon," adds 1M, 67 kHz SCS; simulcasts with KLIZ-FM 107.5 Brainerd MN  
 MS Olive Branch 95.7 WYYA  
 MS Starkville 106.1 WMXU (WKYJ)  
 MO Ashland 106.1 KYUA  
 MO Cuba 102.1 KXII [in Springfield  
 MO Palmyra 97.9 KICK-FM (KIDS); AM is/  
 MO Savannah 92.7 KXGZ  
 MO Webb City 95.1 KMXL (KKLL-FM)  
 MO Willard 105.1 KZDC  
 MT Bozeman \*102.1 KBMC (KPXB)  
 NH Jackson 99.5 WZJN  
 NJ Petersburg 102.7 WSKR  
 NM Gallup \*91.7 KGLP  
 NY Bridgeport 99.5 WTKW  
 NY Canton 101.5 WXQZ  
 NC Kinston 102.9 WKGK (WELS-FM), o  
 NC Newport 103.3 WKQT (WZYC)  
 OH Harrison 104.3 WNLT (WVCZ)  
 OH Manchester 101.3 WAGX  
 OK Byng 100.1 KZDB  
 OK Roland 92.3 KYUC  
 OR Gleneden Beach 97.5 KSHL  
 PA Pittsburgh 96.1 WVTV (WHTX)  
 SC McClellanville 98.9 WZJQ  
 TN Dickson 93.7 WYYB  
 TN Kingsport 104.9 WKOS (WZXY)  
 TN Spencer 98.7 WZJP  
 TX Big Spring 95.3 KBST-FM (KBST)  
 TX Farwell 98.3 KICA-FM (KLZK); AM is in Clovis NM; op format  
 TX Gregory 104.5 KZDA  
 TX Hallettsville 99.9 KFSL  
 TX Muleshoe 103.1 KMUL "-FM" (KMUL-FM; AM gets new calls)  
 TX Post 107.3 KPFS-FM (KNKC)  
 TX Uvalde 102.3 KXKS (KLXQ)  
 UT Bountiful 99.5 KUTQ (KLVV), still "Q-99.5"  
 UT South Ogden 106.3 K292EO (from K292ED)  
 VT Hartford 104.3 WGLV (WVFA)  
 VA Narrows 101.3 WZFM (WNRV-FM)  
 WA Goldendale 102.3 KYYT (KZPC)  
 WA Kelso 94.5 KUKN  
 WV Fisher \*103.7 WYFY  
 WI Watertown 94.1 WJJO (WTFX), rm, "adult contemporary and some rock"  
 BC Vancouver 95.3 CKZZ (CJEE), rs, "Zed 95.3," giving calls at top of hour  
 NB Grand Falls 105.1 CFAI-1, to 3000 h.v  
 NB St-Quentin 90.1 CFAI-2, to 3000 h.v  
 ON Ottawa \*89.1 CHUO (CFUO), given an extension of time to build  
 PQ Saint-Augustin 93.5 CJAS, now French k  
 BN Tijuana 98.9 XHQF (not XHOF)

**Facilities Changes Granted**

AL Citronelle WKQR 102.1 (from 101.9) 15400 h.v; 130 m, C3  
 AK Anchorage KATB \*89.3 4900 h.v; 105 m, C3  
 AZ Lake Havasu City K261CD 100.1 has KRCY 105.9 Kingman (from KDKB 93.3 Mesa) K296CH 107.1 has KJUL 104.3 North Las Vegas NV (from KXTZ 94.1 Henderson)  
 AZ Prescott K288BA 105.5 has KRDS-FM 105.3 Wickenburg (from KDKB)  
 AZ Riviera K237CK 95.3 has KZUL-FM 105.1 Lake Havasu City (from KMDX 99.3 Parker, which is off the air)  
 AZ Sedona KSED 107.5 98400 h.v (446 m), transmitter Mormon Mountain, 25 km NE  
 AZ Show Low KVWM-FM 93.5 25000 h.v (46 m), C3, adding vertical  
 AZ Yuma KCFY \*88.1 73 m (3000 h.v)  
 CA Blythe K220- \*91.9 (from K207AN 89.3)  
 CA Delano KDNO 98.7 152 m (50000 h.v)  
 CA George KATJ 100.7 260 h.v (472 m)  
 CA Lemoore KQYZ 104.9 65 m (3000 h.v)  
 CA Long Beach KSKQ-FM 97.9 150 m (79000 h.v); transmitter to Baldwin Hills Reservoir, Los Angeles

CA San Diego KSON-FM 97.3 50000 h.v; 134 m KGB 101.5 50000 h.v; 152 m  
 KSDO-FM 102.9 31600 h.v; 188 m, d-a; these three station changes because move to Cowles Mountain denied. "The site is owned by the city of San Diego and presently has only a cable TV head-end on the mountain. The city will not allow any more construction on the mountaintop and so the applications for 327 meters for KPBS-FM, KSON-FM, KGB, KKLQ-FM and KSDO-FM are dead. This per Bill Lipis, chief engineer, KCBQ-AM-FM."  
 CA Tehachapi KTPI 103.1 1900 h.v; 176 m  
 CA Victorville KVVQ-FM 103.1 310 h.v; 427 m  
 CA Woodlake KQKX 104.1 16000 h.v; 265 m  
 CO Walsenburg KSPK 102.3 17000 h.v (116 m), C3  
 CT Enfield WPXK 97.9 2200 h.v (161 m)  
 FL Goulds WRTO 98.3 100000 h.v; 496 m, C  
 FL Key West WJIR \*90.9 3000 h.v; 32 m  
 GA Blackshear WKUB 105.1 (from 104.9) 37000 h.v; 92 m, C2 [000 h.v (334 m)  
 IL Rock Island WVIK \*90.3 (from 90.1) 31- / IA Red Oak KOAK-FM 95.3 25000 h.v; 90 m, C3  
 IA Waterloo KFMW 107.9 100000 h.v; 550 m, "back on the channel 7 tower near Rowley."  
 KS Hiawatha KNZA 103.9 128 m (50000 h.v)  
 KS Winfield KWKS 107.9 (from 94.3) 50000 h.v (120 m), C2 [102.3 3300 h.v (91 m)  
 KY Benton WCBL-FM/ [h.v], C1  
 KY Central City WKYA 101.9 206 m (100000/ KY Vine Grove WRZI 101.5 6000 h.v (100 m)  
 LA Abbeville KROF-FM 105.1 (from 104.9) 25000 h.v; 89 m, C3 [(100 m), C3  
 LA Bunkie KRBG 104.3 25000 h.v/ [m, C3  
 LA Ferriday KFNW-FM 107.1 18500 h.v; 71/  
 LA Kentwood WXLT 94.1 (city of license change from McComb MS; to retain present transmitter site, C1) [h.v; 134 m, C3  
 ME Fairfield WEZO 93.5 (from 93.3) 13500/  
 MD Oakland WXIE 92.3 (having moved from 92.1) [h.v; 150 m  
 MI Berrien Springs WAUS \*90.7 50000/  
 MI Frankfort WBNZ 99.3 50000 h.v (125 m), C2  
 MI Marquette WHWL \*95.7 noncommercial  
 MI Pittsford WPCJ \*91.1 270 h.v; 56 m  
 MN Bemidji W224AB \*92.7 has KBHW 99.5 International Falls (from KFNW-FM 97.9 Fargo ND)  
 MN Cold Spring (from Litchfield) KMXX 94.9, at KMXX's present transmitter site  
 MN St. Cloud KVSC \*88.1 16500 v; 136 m; no h  
 MS Hattiesburg WHSY-FM 104.5 134 m d-a (100000 h.v)  
 MS Oxford WKLJ 93.7 (from 107.1)  
 MO Bowling Green KPCR-FM 94.1 (from 100.9) 25000 h.v; 82 m, C3  
 MO Louisiana KJFM 102.1 (having moved from 101.7) 3700 h.v; 118 m, \$ [m], C3  
 MO Mount Vernon KTJA 106.7 25000 h.v (100/  
 MO Nixa (from Bolivar) KGBX 105.9, at a site 29.2 km north (near Springfield)  
 MT Dillon KDBM-FM 98.3 10500 h.v; 151 m, C3  
 MT Great Falls KMON-FM 94.5 51000 h.v (143 m)  
 NV Laughlin K292EF 106.3 has KGMN 99.9 Kingman AZ (from KDKB 93.3 Mesa AZ)  
 NV Mesquite KIPP 97.5 299 m (100000 h.v)  
 NH Franklin WFTN-FM 94.1 d-a  
 NM Albuquerque K288CX 105.5 has KBAC 98.1 Las Vegas NM (from KNYN 95.5 Santa Fe).  
 "It's going to be interesting to see what happens because of these 'for profit' FM translators, such as the Mike Brashers, John La Tours, etc., come March 1, 1994, the day the rules go into effect prohibiting contributions and support from primary stations. I'm sure most of these operators have already seen the return on their investment. It's a shame, though, that they've got to stop. I know that Brasher's K288CX, by rebroadcasting KBAC, is bringing Albuquerque's 450,000 population a "niche" new-rock/alternative format they cannot get elsewhere on the dial. And I'm sure the same is true of other markets. Even if local broadcasters are good, they still cannot fill all the format holes. Perhaps listeners in those markets can form nonprofit groups to preserve the

formats these translators bring in and either buy the translator from the commercial operator or get the operator to donate them if they gain tax-exempt status."  
 NM Farmington K221DJ 92.1 (from K288EL 105.5), still with KISZ-FM; site at KOB-FM tower, power to be 100 watts vertical only  
 NY Amsterdam WKOL 97.7 2100 h.v; 118 m  
 NY Boonville WBRV-FM 101.3 720 h.v (104 m)  
 NY Hoosick Falls WNGN 97.5 450 h.v; 356 m, transmitter 3 km SW of Bennington VT; not yet on air [vertical, now 6 kw  
 NY Johnstown WSRD 104.9 with oldies/as/  
 NY Spencer WCII \*88.5 148 m (7000 h.v)  
 NY West Point WKDT \*89.3 100 watts horizontal only (antenna height estimated at -150 meters); off for the summer  
 NC Concord WPEG 97.9 78800 h.v; 491 m  
 NC Eikin WIFM 100.9 600 h.v; 216 m  
 NC Kannapolis WRFX 99.7 317 d-a (100000 h.v)  
 ND Dickinson KRRB 92.1 1600 h.v (174 m)  
 OH West Carrollton WQRP \*88.1 4000 h.v; 90 m  
 OK Guymon KKBS 92.7 11300 h.v; 148 m, C3  
 OR Roseburg K220- \*91.9 (from K213AC 90.5)  
 PA Edinboro WXTA 97.9 10000 h.v (154 m), B1  
 PA Lewistown WMRF 95.9 3900 h.v (125 m)  
 SC Cheraw WJMX-FM 103.3 50000 h.v; 150 m  
 SC Hanah WAVF 96.1 164 m (100000 h.v)  
 SC Ravenel WMGL 101.7 50000 h.v; 150 m, C2  
 SC Summerville WWWZ 93.3 (from 93.5) 50000 h.v; 150 m, C2 [000 h.v (150 m)  
 SD Brookings KBRK-FM 93.7 100- / [h.v)  
 TX Abilene KEAN-FM 105.1 247 m (100000/  
 TX Alpine KALP 92.7 2400 h.v; 100 m  
 TX Bryan KORA 98.3 2300 h.v (162 m)  
 TX Columbus KULM 98.3 6000 h.v; 63 m  
 TX Mirando City KZZQ 100.5 (from 100.9) 42000 h.v; 163 m, C2  
 TX Odessa KENT-FM \*90.5 6500 h.v; 138 m  
 TX Rockdale KRXT 98.5 6000 h.v (100 m)  
 TX Seabrook KRTS 92.1 32800 h.v; 184 m, C2  
 UT Salt Lake City (new) \*88.3 750 h.v; -179 m  
 VA Clinchco WDIC-FM 93.1 100 m (6000 h.v)  
 VA Gloucester WXGM-FM 99.1 3000 h.v; 100 m  
 VA Harrisonburg WMRA \*90.7 7500 h.v; 319 m  
 WI Rhinelander W228AW 93.5 (from W282AA 104.3)  
 WY Thermopolis K228AM 93.5 has KKLX 96.1 Worland (from KCSP 106.9 Casper, correcting FM Atlas mistake, p. 85)  
 K269CK 101.7 has KCSP 106.9 Casper (from



Wyoming Christian Translator Association, Inc.  
 A WYOMING NON-PROFIT CORPORATION  
 P.O. Box 6073 Riverton, Wyoming 82501-7073  
 Phone: (307) 897-6056 Fax: (307) 856-1108

KTRS 95.5 Casper) [(from KTRS)  
 WY Worland K257BN 99.3 has KCSP/  
 K288EG 105.5 has KSLT 107.3 Spearfish SD (from KCSP). "We no longer operate that translator."  
 ON Parry Sound CKLP 103.3 50000 h.v; at a new site (height not announced)  
 CH Ciudad Juarez XHIM 105.1 4000 h.v (-5 m), "Estereo Mexicana" ["Estereo Ritmo"  
 BN Mexicali XHMMF 92.3 20000 h.v (45 m),/

**Stereo—or to be \$tereo**

AZ Claypool KIKO-FM 105.5  
 CA San Clemente KWVE 107.9, still g, parttime stereo; correctly turns off stereo generator when broadcasting monophonic programs  
 CA San Francisco KQED-FM \*88.5 leaves stereo generator on all the time with its talk format, even though stereo music is largely confined to weekends. "It's a pitiful signal, with all the hills. KALW [see last month, p. 8] with lower power dues much better." KQED-FM's SCS (67 kHz) is Data Broadcasting Corp.'s high speed service.



- FL Callaway WBKL 103.5
- FL Marco WGUJ 92.7
- FL Mexico Beach WEBZ 99.3, ID with Panama City; but heard leading off with the Panama City mention
- IL Morrison WZZT 95.1
- IA New Hampton KCZE 95.1
- MI Glen Arbor 98.1, r, simulcasting WUPS 98.5 Houghton Lake with joint ID around :43
- MI Portage WUBU 96.5, uses calls and the slogan "The Station That Lets You be You"; ID with Kalamazoo [(strict), r(ock)]
- MO Bonne Terre KDBB 104.3, "BB-104"/
- MO Clinton KLRQ 96.1, "Q-96"
- NY Henderson WLKC 100.7, ID with Watertown
- NC Rocky Mount WRSV 92.1, finally embracing \$[tereo]
- ND Langdon KVLK 95.7, "V-96"
- SC Conway WJXY-FM 93.9
- SC Walhalla WGOG-FM 96.3
- TX McKinney KSSA-FM 106.9: "We have an application pending to go up to 6 kw. When it is granted we are changing formats on the FM and reinstating stereo. We will still be Spanish but the FM will be different from the AM."
- TX Odessa KMRK 96.1
- TX Wichita Falls KLHA 105.5, gr, on air
- VA Woodstock WAZR 93.7, k, ID with Winchester-Harrisonburg
- WI Rudolph WIZD 99.9
- ON Toronto CJFT 101.1, "Rich Blend 101"
- ON Toronto CIRV 88.7



**Monophonic**

- CA Burney KIBC \*90.5, "heard easily in Red Bluff. Still mono."
- CA Redondo Beach KFOX 93.5, e, Korean, fulltime mono [time mono]
- CA Santa Ana KWIZ-FM 96.7, e, now full-/ID McCall KBSM \*91.7, 'mono with no subcarrier'
- ME Dover Foxcroft WDME 103.1, see "Calls," above
- MN Spring Valley KVNG 104.3—actually nothing; not yet on air, and not "The Valley Rocker," as mentioned last month.
- NJ Trenton WNJT-FM \*88.1, to be nt, but playing music monophonically—classic rock, oldies, jazz and country. "I suspect that at least for the present they're going to use some 'diversified format' as is used by WDVR \*89.7 Stockton NJ and WRDV \*89.3 Warminster PA."
- ND Oakes KDDR-FM 92.5 (moving to, from 92.3), went mono, simulcasting the AM's country. Does not reach out on 92.3, "35 miles, then it's nothing." Stalling on 92.5 upgrade because of expense of building a high tower "to reach Aberdeen" SD. [listing]
- OK Weatherford KBXR 97.3, remove stereo/

**Format Changes**

Formats are the same as in the "FM Atlas"

- AL Huntsville WJAB \*90.9 cf, monophonic
- AZ Bisbee KZMK 92.1 p
- AZ Chandler KMLE 107.9 k, "Camel Country 108" (from "Camel 108")
- AZ Cottonwood KVRD-FM 105.7 k
- AZ Kingman KRCY 105.9 o
- AZ Lake Havasu City KBBC 101.1 mr, but "351

- meters/75 km radius are wrong. Antenna is four bays on KFWJ 980 AM tower about 225 feet above ground on the bank of the CO River." However, FCC says 351 m; what the reporter saw could have been an auxiliary antenna.
- AZ Mesa KVRV 104.7 r, "Variety 104.7"
- AZ Oracle KBTR 103.1 m, "Brighter 103.1"
- AZ Parker KMDX 99.3 off air, remove \$, format
- AZ Payson KRIM 104.3 rj
- AZ Sedona KQST 102.9 rj, "The Quest" (still on 100.1, but FCC grants extension of time to move to 102.9)
- AZ Sierra Vista KFFN 100.9 r
- AR Ashdown KHSP-FM 103.9 gr
- AR Pine Bluff KZYP 99.3 sr
- CA Arcadia KMAX 107.1 g, still monophonic
- CA Desert Center KZAL 101.5 o, relaying KRCY 105.9 Kingman AZ
- CA Fort Bragg KSAY 97.7 r
- CA Indio KCMJ-FM 92.7 r, "KC 92.7 FM" (strict; from "Classy 92 FM"), ID with Palm Springs
- CA Morro Bay KWWV 99.7 m, "The Wave"
- CA Newport Beach KOCM and Santa Monica KSRF, both 103.1, pr, "industrial, acid-house dance music, [a] pounding, purposely monotonous beat. . . Do we really want to pump up the volume 24 hours a day? 'Mars-FM' is betting that what works in the clubs late at night will also work at home, auto, workplace or workout place, at drive time and every other time."
- CA San Francisco KDBK 98.9 op
- CA San Jacinto KWRP 96.1 m ("adult standards")
- CA San Luis Obispo KQZ 93.3 op, classic rock
- CA San Rafael KTIID 100.7 mr
- CA Santa Cruz KDBQ 99.1 op, relaying KDBK 98.9 San Francisco
- CA Twentynine Palms KQYN 95.7 rp
- CA West Covina KBOB 98.3 m, l, S, "big band and Spanish, fulltime monophonic"
- CO Fort Collins KIMN 107.9 sr
- CO Greeley KGLL 96.1 k, "Eagle 96" [Channel]
- FL High Springs WYOC 104.9 o, "Your Oldies/FL Holiday WLUV-FM 106.3 m, via satellite
- FL Immokalee WCOO 98.3 o
- FL Key West WAIL 95.5 p
- WIIS 107.1 r
- FL Micanopy WLCL 97.7 op
- GA Augusta WBBO-FM 104.3 r (still "top 40/rock")
- GA Columbus WCGQ 107.3 r, but some s[oul]
- GA Fort Valley WQBZ 106.3 rp, "although some classic rock pieces" [contemporary"]
- GA Newnan WMKJ 96.7 r, "still adult/
- GA Richmond Hill WRHQ 105.3 r
- GA Thomasville WWSN 107.1 o, "Sunny 107," now on with 68200 h.v; 251 m
- GA Valdosta WVCM 96.7 k
- HI Waipahu KDEO-FM 102.7 pm, "Radio Free Hawaii," playing songs from any format listeners request. "I don't think anybody who's even had any programming experience would ever do something like this."
- IL Belvidere WXRX 104.9 rp
- IL Chicago WPNT-FM 100.3 rs
- IL Evanston WNUR \*89.3 p, with some ethnic, black and jazz weekends
- IL Jacksonville WYMG 100.5 rp
- IL Loves Park WLUV-FM 96.7 rk, but also talk, soul "and a few others. . . Hard to tell what these folks' format is."
- IL Lynnvile WEAI 107.1 op, "The Eagle"
- IL Macomb WIUS \*88.3 rp
- IL Marshall WMMC 105.9 o
- IL Naperville WONC \*89.1 p
- IL Peoria WWCT 105.7 r, simulcasting with WJEQ 102.7 Macomb, "FM 106 and 103." "Hard rock, and Macomb loses a 'local' except for five seconds per hour. Yuchh!"
- IL Winnebago WKMQ 95.3 o
- IN Bicknell WUZR 105.7 o
- IA Ankeny KMXD 106.3 m, signing on July 1, 24 hours/day, using CDs
- IA Burlington KDWD 93.5 op, being bought by John Pritchard, who has an interest in WAAG 94.9 Galesburg IL and KIIK 95.9 Farfield IA, for \$255,000 plus assumption of debts and \$30,000 to Darryl Hensley, the "Mad

- Hatter" (his air name), as a non-compete clause for five years in the Burlington market
- IA Cedar Rapids KHAK-FM 98.1 k
- IA Dubuque KATF 92.9 r, still "92.9 Kat FM" KDFX 102.3 op
- IA Iowa City KKRQ 100.7 op
- IA Pella KDMG 103.3 o
- KS Concordia KCKS 95.3 o
- KS Manhattan KSDB \*91.9 p
- ME Gardiner WABK-FM 104.3 r
- ME Kennebunk WKME 99.3 to be c, expected on by fall; owned by Alexander's wife, Brenda Tanger
- MD Baltimore WYST 92.3 r, "currents and oldies; yawn!" Still "92 Star."
- MA Amherst WRNX 100.9 op
- MA Marshfield WATD 95.9 m; "sounds like a WPLM-FM (99.1 Plymouth) clone, contrary to the 'r' listing in the Atlas."
- MI Atlanta WAIR 92.5 o
- MI Buchanan WSMK 99.1 s, mono, parallel to WUBU 96.5 Portage and originating from WLLJ Cassapolis MI; nonID: "Gem 910"
- MI Houghton Lake WUPS 98.5 r, simulcasting with WMLB 98.1 Glen Arbor
- MI Traverse City WNMC \*90.9 p
- MN Brainerd KLIZ-FM 107.5 r, simulcast with KLLZ 99.1 Walker; studios in Brainerd, "KL Minnesota's Power Loon," but giving its call letters as "KLIZ"; ID with Baxter MN.
- MN Duluth KQDS-FM 94.9 rp
- MN Minneapolis KFAL \*90.3 pj
- MN Moorhead KQWB-FM 98.7 rp
- MN Rochester KROC-FM 106.9 r, ID with Austin-Albert Lea [620 AM]
- MS Jackson WJDX 96.3 r, relaying WJDS/MS Laurel WMXI 98.1 r
- MO Joplin KKUZ 102.5 r
- MO Liberty KXXR 106.5 r
- MO Osage Beach KYLC 93.5 op
- NV Las Vegas KKLZ 96.3 op
- KYRK 97.1 rs; KRLV 106.5 r
- NV Pahrump KUDA 107.5 o, "Oldies 107.5"
- NH Concord WKXL-FM 102.3 tr, simulcasting the AM. "Their programming on FM was going bust."
- NH Hinsdale WYRY 104.9 o, via satellite
- NJ Atlantic City WAYV 95.1 r; uses "Hot 95" slogan only with call letters
- NM Deming KDEM 94.3 o
- NY Rensselaer WQBK-FM 103.9 op, "classic rock—the hard rock version of oldies"
- NY Southampton WHFM 95.3 r
- NY Voorheesville WCDA 96.3 r, "CD 96"; it's "fun adult contemporary. . . a refreshing sound"; on 5:30 a.m. to 1 a.m. (midnight Sundays)
- NC Burlington WZZU 93.9 op
- NC Elizabeth City WMYK 93.7 r
- OH Akron WONE-FM 97.5 op
- OH Barnesville WBNV 93.5 o
- OH Caldwell WWKC 104.9 k
- OH Crestline WAPQ 98.7 p
- OH Delaware WCEZ 107.9 b
- OH Oxford WOXY 97.7 p, still "97-X"
- OK Altus KRKZ 93.5 r, CHR
- OK Comanche KDDQ 96.7 r, 'Lite 97, K-Double O'
- OK Lawton KCCU \*89.3 cb, with NPR, \$; plans 250-watt translator in Ardmore (besides Altus, see "New," above). Is 2000 watts vertical, 50 watts horizontal.
- OK Okmulgee KTHK 94.1 op, still "The Hawk"
- OK Sand Springs KTOW-FM 102.3 p, "modern rock"
- OR Medford KBOY 95.7 op
- PA Mercer WKTX-FM 96.7 gr, "KTX"
- PA Tioga WPHD 93.3 rp, parallel to WKGB 92.5 Susquehanna PA
- PA Wellsboro WNBTFM 104.5 r
- TN Clarksville WAPX \*91.7 p, "college rock"
- TN Donelson WAMB-1 106.7 still m, but has a 30-minute program in Japanese most nights
- TN Huntingdon WVHR 100.9 k
- TN Lawrenceburg WLLX 97.5 k
- TN Loudon WXST 105.3 o, SMN Pure

TN Minor Hill WYBM 92.1 o, SMN Pure  
 TN Murfreesboro WRMB 96.3 o, "Oldies 96.3"  
 TN Nashville WLAC-FM 105.9 rm. "Bill N. would call them lame, and so would I."  
 TN Springfield WDBL-FM 94.3 mk. "Typical small-town station, one of the few FMs that still relay the AM rather than the other way around." [(from "VRY-105")  
 TN Waverly WVRV 105.1 o, "V-105"/

TX Harlingen KMBH \*88.9 tc  
 TX Houston KTRU \*91.7 pj, also some c; now 150 m, 50000 h y  
 TX Mount Pleasant KPXI 100.7 rp, "X-100" reinstated and ID with Tyler-Longview  
 TX San Antonio KSAQ 96.1 rp  
 TX San Marcos KEYI-FM 103.5 rj, "new age"  
 TX Wichita Falls KTLT 106.3 r, "FM-106" (strict)

VT Vergennes WIZN 106.7 op [Harrisonburg  
 VA Bridgewater WRDQ-FM 105.1 r, ID with/  
 VA Buffalo Gap WSKO 105.5 k  
 VA Elkton WPKZ 98.5 k, "Power Country 98.5," ID with Harrisonburg  
 VA Exmore WKRE 107.5 rm  
 WA Bellingham KZAZ \*91.7 to be nj, but did not make proposed June 2 target date  
 WA Seattle KWMX 100.7 r, still "Mix 101"  
 WI Neillsville WCCN-FM 107.5 op, SMN, "Classic Rock, WCCN" [mono

WI Prairie du Chien WPRE-FM 94.3 kr, still/  
 WI Racine WBZN-FM 100.7 sr, "B-100" (from "Breezin"); "a call letter change is also planned for the station, recently purchased by Philadelphia lawyer Ragan Henry. It is rumored that WGLB-FM 100.1 Port Washington will drop top 40 in favor of adding new-age jazz to attract alienated WBZN listeners."

WI Washburn WEGZ 105.9 k, "Eagle Country 106" (from "Eagle 106")  
 WY Casper KCSP 106.9 gr  
 WY Cody KTAG 97.9 op, SMN  
 ON Ottawa CFMO 93.9 b  
 CHEZ 106.1 r, "Shay 106"

ON Windsor CIMX 88.7 pr, "89 X," very strict; "does NOT use call letters." Expands evening progressive rock into fulltime format, hiring several announcers from Detroit and Chicago. "A Canadian station has to go through a lot of trouble to hire Americans—so you know they are serious! This is the most serious effort that this station has ever taken to go after the Detroit audience. . . The Detroit radio market is really amazing. The only format missing is 'Z-Rock'—but that is a satellite-fed format, and there are no stations in Detroit programmed off the bird. Even the small suburban AM stations are locally programmed. The religious stations all run large amounts of locally produced programs. There are no AM-FM simulcasts, and only one AM station has gone dark, tiny WBRB, which had an awful signal and never did well since they sold off their simulcast FM. Their towers are still standing, so they may return. We've got modern rock, jazz, classical, new age, classic soul, multi-lingual ethnic programming plus the unique programming of CBC Radio and CBC Stereo. This is a pretty decent place to listen from."  
 PQ Montreal CJFM 95.9 r  
 "Wish I could afford to subscribe to your publication—FMedia! isn't it?"

**On Air (Selected)**

CA Chico K216CF \*91.1, as of May 24  
 CA Los Banos KSNM 104.7, now a "straight-forward CHR instead of whatever brand of rock they were before. They're also back to full strength after several weeks on the exciter. Their old transmitter was demolished by lightning in April, and had to be replaced."  
 CA Sacramento KXJZ \*88.9  
 CO Romeo K240BJ 95.9, on San Antonio Peak in New Mexico, "puts out a killer signal into an area very underserved"  
 GA Roswell W298AA \*107.5 still on air, but slated to delete (or change frequency) because of new Roswell grant on 107.5 [90.5  
 IL Galesburg WVKC \*90.7, having moved from/  
 IL Savanna WCCI 100.3, having moved from

100.1 [from 98.3  
 IN Earl Park WIBN 98.1, having moved/  
 IA Fort Madison KBKB-FM 101.7 with 50000 h,v; 142 m, transmitter Weaver IA. See "Facilities," above, Louisiana MO  
 IA Webster City KQWC-FM 95.7, having moved from 95.9 [from 99.3  
 KS El Dorado KBUZ 99.1, having moved/  
 MD Bel Air WHFC \*91.1, but runs a limited schedule, usually 2 p.m. to 10 p.m. during the school year  
 MO Kirksville KLTE 107.9  
 MO Seligman KESE 93.3, having moved from 95.3, "Easy 93" (not strict) [92.3  
 NC Nags Head WNHV92.5, having moved from/  
 OR Altamont KCHQ 101.3, but at reduced power until mid-July [get out"  
 PA Chester WDNR \*89.5, but "just doesn't/  
 PA Glen Mills WZZE \*97.3, but "runs a totally irregular schedule, due to the schedule of the instructor who runs it. This is a private school for kids who have had problems with the law or are otherwise troubled."  
 PA Lincoln University WLIU \*88.7, "despite not having had a current license for some time, and they supposedly 'get out'."  
 PA Radnor Township WYBF \*89.1 and Villanova WXVU \*89.1, both p, sharing time, but not yet operating on Sundays  
 PA Swarthmore WSRN \*91.5, "but just doesn't get out"; believed off for the summer  
 PA Telford WBMR \*91.7 still erratic, on some days, off others. Still "just classical music and IDs near the hour."  
 TX Temple KPLE 104.3, having moved from 104.9; ID with Killeen and third city, alternating between Belton and Waco

**Off Air or Not Yet On**

CA Borrego Springs K232CC 94.3  
 DE Milford WXPZ 101.3  
 DE Laurel WDNE 95.3  
 DE Lewes WXJN 105.9  
 DE Smyrna 92.9, just a CP and "a piece of paper; no progress known yet on this"  
 DE Wilmington WMPW \*91.7 has been off for "well over a year, and the Wilmington School District seems disinterested in it" [AM  
 GA Dawson WAZE 92.1, along with WHIA 99.0/  
 GA McDonough WMVV \*90.7, but has applied for move to Griffin GA at 6 kw; keeps renewing its CP every six months. WABE \*90.1 Atlanta originally opposed the move to Griffin, but no longer objects. "While in McDonough they never operated at more than 12% watts, due to local zoning problems, and the resulting coverage was so minimal it wasn't worth it."  
 MD Cambridge WFBR 94.3  
 MD Federalburg WDLE-FM 107.1, "still silent"  
 MD Ocean Pines WZJO 97.1  
 MD Westernport WPPN 92.7  
 MI Baraga WXNL 104.3  
 MI Hancock WTHV 98.7  
 MI Houghton WOLF 96.3 (still on 97.7)  
 MI Newberry WNBV-FM 93.7, still on 93.5  
 MN Roseau KRMB 102.1  
 MN Thief River Falls K202BK \*88.3  
 MO Aurora KELE 100.1, silent along with its AM, "pending sale"  
 MO De Soto KDJR 100.1  
 NY Avon ("ave-on," not "aye-von") WYNQ 93.3  
 NY Clyde WRCD 93.7  
 NY Honeoye Falls WFUD 107.3  
 NY Palmyra WZXV 99.7  
 NY Sodus WNNR 103.5  
 NY Utica WEIF 100.7  
 NC Belhaven WKJA 101.1, still on 92.1  
 ND Bismarck KVPH 98.7  
 ND Fargo KSMM 107.9, contrary to earlier report that it had come on the air  
 ND Wishek KMVC 100.3 has CP for a C; wants to reduce to C1  
 OK Lawton KBZQ 95.3; KMGZ there is still on 95.3, but supposed to move to 99.5; KMGZ still "Magic 95"  
 KVRW 107.3  
 TX Bridgeport KBTT \*90.5  
 TX Denison-Sherman KTCY 104.9; "I assume they are finally going to upgrade"  
 TX Electra KWTA 95.1  
 TX Muenster KXGM 106.5  
 TX Olney KJLR 97.5  
 TX Seymour KSEY-FM 93.9 (still on 94.3)  
 TX Wichita Falls KCRN \*90.5  
 WA Spokane KVXO 103.9, "pending sale"  
 WV Elkins WELK 94.7 (still on 95.3)  
 WV Mannington WTUS 102.7  
 WV Philippi WQAB \*91.3  
 WV Pocatalico WTUN 98.7

**Deletions**

AK Hyder K211BN \*90.1  
 AZ Kingman K221BR 92.1; was licensed K252CM 98.3; was licensed  
 CA Altadena K202AM \*88.3, an unbuil CP  
 CA Blythe K288AR 105.5; was licensed  
 CA Burbank K224AE 92.7, "not on, and never has been"  
 CA Ferndale K206AU \*89.1  
 CA Granada Hills K202BL \*88.3, now dead. It was "set up on CA State Northridge campus after the honchos discovered KSBR [\*88.5 Mission Viejo CA] bleeding through KCSN on campus. KCSN's new stick is behind a ridge from Northridge; their magic solution brought howls of protest from KLON [\*88.1 Long Beach] listeners in Northridge. KCSN's engineering director adopted my proposal: keep the main stick which had abnormally good coverage of L.A.; put a co-channel booster up on the hill (the new tower site) to cover Santa Clarita. University honchos shot idea down; thus, the current dilemma. . . Continued success, and I plan to be scrutinizing your efforts for many years yet to come!"  
 CA Palm Springs K209AK \*89.7; was licensed K249AU 97.7; was licensed  
 CA Redding K228CY 93.5  
 CA Scotia K207BA \*89.3  
 CO Norwood K211BK \*90.1  
 CO Purgatory K210BA \*89.9  
 FL Brooksville W219AW \*91.7  
 GA Blairsville W249A1 97.7 and Ellijay W244AF 96.7: "WPPL program director says they were knocked off the air about a month ago when severe thunderstorms came through the area, and they haven't been able to find anyone to go up and fix them who doesn't want an arm and a leg to do so; so they may have to give them up. They may try to file for a power increase for the main station which might make the translators unnecessary."  
 IA Cedar Rapids K261CA 100.1 "is no more"  
 IA Garner K214AC \*90.7; K214BA Mason City comes in there now  
 IA Red Oak K285BM 104.9  
 IA Shenandoah K272BG 102.3  
 LA South Fort Polk KZRO 101.3  
 ME Berwick W219AV \*91.7  
 MN Dassell K288CK 105.5, an unbuil CP  
 MN Marshall K212AT \*90.3  
 MN Staples KNSP-FM 94.7  
 MN St. Louis Park K288DE 105., an unbuil CP  
 NV Laughlin K257DF 99.3; had been licensed  
 NH Hooksett W219AT \*91.7  
 NY Webster W292AH \*106.3  
 ND Minot K276CJ 103.1; had been licensed  
 OH Jefferson W220AK \*91.9  
 SD Okaton K285DV 104.9  
 TX Bowie K221CG 92.1  
 TX Wichita Falls K244CC 96.7, an unbuil CP

**FMistakes, June FMedia! FM**

**Atlas-13**

CA Yosemite Village 95.9 calls are K240CE, not "K249CO," p. 1, col. 1  
 GA Milan WMCJ 104.9 (not "Millen" GA), p. 5, col. 1. "The two towns are 90 miles apart."  
 MN Le Sueur 96.1 (new); town misspelled, p. 1  
 NM Taos KRBJ 99.9 should have been listed as -118 m (not +118 m), p. 169 (now is authorized 1000 h,v; +876 m)  
 NY Hudson 93.5 calls are WRES, not "WRVW," p. 3, col. 2 ["OK"], p. 2, col. 1  
 OR Harbeck-Fruitdale 98.3 KAJO-FM (not/  
 TN Harriman WLIQ 92.7 (not "Harrison"), p. 3, col. 2 [1, col. 2 (100.1)  
 VT Arlington W261CE (not "W216CE"), p./  
 "Thanks for the excellent job with the FM Atlas. I am also happy with the very convenient size of the book itself: perfect for packing with my G-E portable that I bought from you several years ago. What a combination! Looking forward to the 14th edition."  
 "I finally had a chance to peruse the 13th edition of the FM Atlas and all I can say is please keep up the magnificent work."  
 FM Atlas-13:  
 MT Dillon, p. 116, is KDBM-FM (not "KDBN-FM")

**SCServices, 57, 67, 92 kHz, TV-SAP**

*Symbols are as in the "FM Atlas"*

- AZ Flagstaff KAFF-FM 92.9 tU, 67; "Kaff Country" (strict)
- AZ Phoenix KPSN 96.9 tZ, 67; no tU. Data Broadcasting Corp. of San Mateo CA runs the 67. "I have been working for eight years installing SCAs and your book is invaluable as it shows all the Class Cs, C1s, etc., and which stations have available subcarriers. Your book is very accurate."
- CA Berkeley KPFA \*94.1 a staff member there claims they have data at 67 kHz; but it is assumed instead that the tT for the blind is still viable on their 67.
- CO Denver KCFR \*90.1 tZ, 67 (instead of tX; tY, 92); the 67 is Data Broadcasting Corp. [(strict) PR]
- CO Grand Junction KJYE 92.3 tU, 67; "K-Joy"/CO Grealey KDHT 92.5 tU, 67
- DC Washington WAMU \*88.5 tZ, 67, Data Broadcasting Corp.; no 92 kHz tX any more
- GA Atlanta WPCH 94.9 to lose its tZ, 67. "Their Cue Paging is clobbering us—that's why we're going to go to WVEE 103.3, using both 67 and 92 kHz with 20% injection of the SCA at 67. WVEE will not be able to rent any other subcarrier, because we will be running the 20% injection at 67. Cue Paging and RDS at 57 kHz are incompatible with our data SCAs at 67. Too many errors show up in our data because of Cue Paging. I know we are running on a collision course with Jerry Le Bow and RDS. We will just have to hurry and tie up as many subcarriers as we can to get ahead of him."
- HI Honolulu KHPR \*88.1 tZ, 67 (retains tT, 92), Data Broadcasting Corp., with frequency shift data; all are at 10% injection unless otherwise stated
- LA BelleChasse KNOK-FM 102.9 "SCA wouldn't work for this station—too much intermod. Even FM stereo is bad for them—a poor signal, plagued by intermod from other stations. They are still 'The Breeze' but not by satellite any more."
- LA New Orleans WRB \*88.3 tZ, 67, Data Broadcasting Corp., which displaces its former tU telemetry
- MA Boston WCDJ 96.9 tZ, 67, Data Broadcasting Corp.; not tX
- MN Bemidji KCRB \*88.5 no 92 (had tU); retains tT, 67

**KCRB 88.5 FM** MN Minneapolis KTCZ 97.1 tZ, 67, Data Broadcasting Corp.; "I just installed this one." [(had tU, 67)]

MN St. Louis Park KJJO-FM 104.1 no SCS/ MN Tracy KARL 105.1 tU, 67

MO Joplin KOBC \*90.7 tG, 67, Roy Swofford's Inspirational Audio Music (replaces secular tM). It comes in fine on K276DC \*103.1 Chanute KS, but K261AX \*100.1 Fayetteville AR "barely picks up SCA (it's there, but very snowy), even in the city limits of Fayetteville; Roy and I are trying to figure it out. We were told both translators are 250 watts. Do you have a way to check?"

MO St. Louis KRJY 96.3 tZ, 20% injection of Data Broadcasting Corp. SCS

MO Springfield. "I am starting my own SCS shop. . . Maybe you could list me as an SCSupplier for the electronics hobbyist. My sole purpose is to better inform the public about the

*\*Listen to what radio can be*



**SCS RADIO TECHNOLOGY**

David Jackway  
(417) 881-1846  
Springfield, MO 65810

medium of SCS radio." Jackway is a leading supplier of novelty SCA radios, using adapters and components found in my electronics' catalog. New to the line are some 4" AM-FM-SCA (67 kHz) cube radios, called "cool cubes" and priced around \$34 with shipping.

- MT Bozeman KBOZ-FM 93.7 tM (Muzak), 67; main channel switches to r (CHR)
- NJ Paterson WPAT-FM 93.1 tZ, 67, Data Broadcasting Corp.; and tZ, 92, which is "Telerate—cash bonds, brokering transactions"

- NM Albuquerque KFLQ \*91.5 no SCS
- KZRR 94.1 no SCS
- NM Santa Fe KNYN 95.5 tU, 67
- NY Buffalo WNED-FM \*94.5 tZ, 67, Data Broadcasting Corp.; no 92 kHz tZ
- OR Portland continues to be the market with a test of AT&E's "Messagewatches" on FM SCS at 57 kHz. "The company isn't trying to market the service to new subscribers, nor is it planning to move into other markets before it secures a business partner." The special Seiko watches which can print a short paging message sell for \$225 and cost \$12.50/month for the paging services.
- TX Luling-Austin KATG 94.7 tZ, 67, at 20% injection, renting also the 92 channel—but all Data Broadcasting Corp. energy is centered on 67 kHz
- PR Fajardo-San Juan WDOY 96.5 tZ, 67, Data Broadcasting Corp. "They just moved their antenna to a new mountaintop tower."
- SCA Data Systems, Inc. offers its Music 4 system and two 5 kHz channels in the 67 or 92 kHz band and up to two 10 kHz channels at either 67 or 92 kHz. For \$500 more, they offer a data generator, which can be used alone, or in combination with music. For more information call (213) 576-0655.
- Muzak now the largest user of music DAT systems, which along with satellite would provide CD-like quality into the stores. This might be "where some of the tM (on FM/SCS) is going."
- "I have the FM Atlas and have purchased both radios and SCA kits before. I've always been a satisfied customer."
- "I'm very pleased with the G-E Superadio with Elf-III adapters. It gives fine performance on SCA and excellent reception on many AM and FM stations I could not formerly hear."
- "We have stopped doing the tunable SCA radio. I don't know if I have missed any of your newsletters. If I do, would you kindly send me the back issue? I love to read it. It's such informative and fun!"

**NonIDS, Not Just Slogans**

*Mentioned usually without call letters, "strict" if a station only uses call letters once per hour as required by the FCC (at or near the top of the hour)*

- AL Prattville WAFX 95.1 95.1 Fox (from "The Fox") [(same as Sun City 106.3)]
- AZ Arizona City KONZ 106.3 Concert 106/ AZ Miami KOSS 98.3 Kiss FM, ID with Globe
- AR Harrison KCWD 96.1 97-Country ("dumb!")
- AR Hot Springs KQUS 97.5 US-97 ("dropped the .5—for shame!")
- CA Anderson KEWB 94.7 B-94
- CA Los Banos-Merced KSNM 104.7 Hot 105 (finding "Kissin'" too unsanitary)
- CA Los Osos KSTT-FM 101.3 Coast 101.3
- CA Marysville KRFD 99.9 K-100
- CA Palm Springs KPFI-FM 100.5 Power Radio 100.5 ("sometimes 100.5 Power Radio—and never [?] using KPFI-FM calls")
- CA Redlands KCAL-FM 96.7 K-Cal FM; ID with Riverside-San Bernardino
- CA Ventura KAGR 107.1 K-107
- CA Yreka KYRE 97.7 Y-98 (from "FM 98")
- CO Durango KIQX 101.3 uses calls, not "Kix FM"
- CO Lakewood KRXY-FM 107.5 Mix 107.5 (from "Y-108")
- FL Arcadia WXKT 98.3 98.3 Cool FM
- FL Quincy WFHT 101.5 Hot 101.5 (strict)
- FL Vero Beach WQOL 103.7 Q-103.7
- ID Boise KQFC 97.9 The Country Q
- ID Jerome KZRT 102.9 Z-103 ("96")
- ID Twin Falls KLIK-FM 96.5 Kicks 96 (from/ IL Christopher WUEZ 103.5 Easy 103.5
- IL Evanston WOJO 105.1 Radio Ambiente (from "FM 105")
- IL Henry WRVY 100.5 Y-100
- IN Bedford WQRK 105.5 Q-105 (from "Classic Rock 105")
- IN Columbia City WDJB 106.3 The Killer Bee in Fort Wayne (from "B-106")
- IA Osceola KJJC 106.9 JC 106.9 (from "Double J Country")
- KS Wamego KHCA 95.3 Angel 95
- KY Louisville WFPK \*91.9 The Library, "legal IDs rare" [try 96.3"]
- MI Adrian WQTE 95.3 Q-95 (from "Coun-")
- MI Bay City WUCX-FM \*90.1 CMU Radio
- MI Escanaba WGLQ 97.1 Magic 97
- MI Ontonagon WUPY 101.1 Y-101 (not strict; having moved from 98.3)
- MN Spring Grove KQYB 98.3 KQ Hot K (from

- "KQ-98") ["FM 92 Rock"]
- NV Las Vegas KOMP 92.3 Comp 92.3 (from/ NY Little Falls WOWB 105.5 Wow 105 FM
- OH Archbold WMTR-FM 96.1 Digital 96 Gold in Toledo; carrying Toledo Mudhens baseball
- OH Canton WRQK 106.9 Rock 107
- OH Clyde WLCO 100.9 101 Country (from "FM-101") [heard at :54
- OH Gibsonburg WRED 95.7 "WTOD-FM," ID/ OH Marion WMRN-FM 106.9 Country 107 (from "FM 107") ["The Wolf"]
- OH Niles WNCD 106.1 CD-106 (from/ OH Salem WQXK 105.1 Country 105
- OK Anadarko KRPT-FM 103.7 drops "K-107," using only calls
- OK Edmond KTNT 97.7 The Trend (strict)
- OR Baker City KCMB 104.7 FM-104
- OR Bend KWBX 105.7 The Duck
- PA Tunkhannock WYMK 107.7 Y-107.7 (strict; from "Kool 107.7")
- TN Tullahoma WHVK 93.3 Huntsville Country (not strict; parallel to WVNN 770 AM Athens AL
- TX Bridgeport-Decatur KWCS 96.7 Quick 96 (from "The Sounds of Texas")
- TX Dallas KLUV 98.7 uses calls: "Great 98.7, KLUV, K-Love" [Gusto"]
- TX Laredo KJJB 92.7 Z-93 (and "Radio/ TX Paris KPLT-FM 107.7 Star 107 (from "Star 107.7") ["Kiss 98.5"]
- TX Port Arthur KHYS 98.5 Y-98.5 (from/ TX Sherman-Denison KWSM 104.1 Classic 104
- TX Wichita Falls KWFS 103.3 Oldies 103 (from "Oldies 103.3")
- UT Centerville KBCK 105.7 105.7 K-Buck
- UT Kanab KCKK 101.1 K-101, ID with St. George, Escalante and Page AZ
- UT Ogden KKAT 101.9 Cat Country 102
- VA Berryville WAPP 105.5 parallel to WES1 104.9 Strasburg, both "104.9/Lite 105"
- WA Ellensburg KXLE-FM 95.3 X-Rated (from "XL 95")
- WA Naches KYKA 96.9 Bix Mix 96
- WA Prosser KACA 101.7 K-107
- WI Neenah-Menasha WROE 94.3 Soft Hits 94.3 always said with call letters
- CH Ciudad Juarez XHPX 98.3 FM Globo
- XHEM 103.5 RadioRama
- XHTO 104.3 Stereo Ritmo
- XHGU 105.9 FM 106
- XHNZ 107.5 Stereo Vida
- BN Mexicali XHPF 101.9 FM Globo
- XHVG 103.3 Stereo Rey
- XHMC 104.9 Estereo Vida
- XHFG 107.3 Digital 107

**Multi-City IDs in Use**

- CO Fort Collins KTCL 93.3 with Denver-Boulder
- OK Lawton KQLI 94.3 with Fort Sill
- OR Banks-Portland KDBX \*107.5 with Vancouver WA
- SD Reliance KPLO-FM 94.5 with Pierre-Chamberlain, but heard on the hour leading off with Pierre
- TN Rogersville WJDT 106.5, with Morristown, k
- TX Harker Heights-Killeen KLFX 105.5 adds Temple
- TX Mineral Wells KYXS 95.9 with Weatherford
- VA Churchville WBOP 106.3 with Harrisonburg

**WJDT**

FM 106.5  
24 Hour Country Stereo



**AM Happenings Most Likely Caused by FM**

- CT Ansonia WADS 690 silent
- FL Titusville WAMT 1060 silent [news]
- GA Marietta WFOM 1230 silent; had business/ GA Thomasville WSTT 730 silent
- IN Noblesville—one of the applicants for 93.9 FM (see "New" above) was BCI, operator of WYIC (AM) 1110, which was failing financially, and along comes William C. Osewalt who agreed to pay \$780,000 for a property "worth, at a maximum, \$350,000," but after learning that, the sale was rescinded. Mr. Osewalt was looked upon as an "angel" who had come to save WYIC. ME Dover-Foxcroft WDMC 1340 folds. "I just shut down and helped load the Gates BC1G onto a truck. . . The AM revenue (we were 90 percent simulcast) was less than the fixed utility and insurance costs to keep it on." Owner gave away free AM-FM radios to people who lacked FM. "AM is dead. Let's save FM. . . The AM tower and transmitter are gone. I did some video of the last day of AM operation."
- ME Portland WLPZ (AM) Westbrook 1440 and sister station WWGT 97.9 sold to Atlantic Morris Broadcasting of Saddle River NJ at \$900,000;

expected to be approved by the end of this month. That figure represents a "big loss," and "downfall of the stations"; area economy blamed.

MA Boston WILD 1090 having difficulty carving a niche for itself with urban, especially since FM stations WXKS-FM and WZOU include much "s" in their playlists. It's also hampered by a daytime-only signal.

WBZ 1030. "Westinghouse is looking to buy an FM station here to accompany its full-service AM station." Once owned WBZ-FM (now WMJX) 106.7 and long before that a WBZ-FM 92.9 Boston and WBZA-FM 97.1 Springfield MA. Group W's commitment to FM came about long after FM was a viable medium commercially. MA Waltham-Boston WRCA 1330 cans its automated format, going with brokered airtime in which the producers—mainly Spanish—will do their own shows and sell their own airtime. MO De Soto KHAD 1190 silent (was religion) MO Kansas City KCMO 810 loses in talk format to KWHN 1340 and KMBZ 980, to baseball now on FM KCFX 101.1, and to KCUR \*89.3, which has talk 9-11 a.m.

MT Bozeman KBMN 1230 silent pending sale NY Babylon WGLI 1290, taken off the air when bought by Herb Levin, who also owns WADO 1280 New York, in an effort to improve WADO's coverage on Long Island. Now he wants to move WGLI to Mastic Beach, 48 km east, but is not planning to co-program with WGLI.

OH Ashtabula WAST 1600, off air since 1981. From 1981 to 1984 it had FCC permission to be silent, but now faces license revocation by FCC. PA Kane WKZA 960 silent PA Philadelphia WEAZ 560 goes b, no longer duplicating 101.1 FM TN Johnson City WETB 790 hit with a \$10,000 fine after Mountain Signals, Inc., repossessed the station from Alpha-Omega Broadcasting, in 1989, "several months before receiving FCC approval to do so."

TN Madison WHNK 1430 silent WA Seattle. "My brother asked me to explain why his AM only car radio gets so many FM stations. I explained that most FM stations in Seattle send out their programs on AM and never mention that they are available on AM radio too. This practice must leave AM-only listeners confused. They think they are listening to FM. . . One station may have gone off the air. When I arrived Mar. 27 there was an AM station on 1480 giving ID as KTZN Lakewood. At the time I left April 30, it was off the air."

ON Toronto CKEY 590 gave up the battle for oldies dominance, now the only country station in the market. It is trying hard to carve a niche in that format, until fall when Rawlco's new FM on 92.5 is expected to challenge it. PQ Verdun CKVL 850 "has scrapped its entire news operation and laid off 25 journalists." News to be delivered by Nouvelles Tele-Radio.

**FM Rulemakings Proposed**

First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed.

- CA Fortuna 100.3C2 for Rohnerville 100.5A, KQEX, which claims Fortuna annexed Rohnerville 14½ years ago, Aug. 16, Sept. 3
- CA Needles 97.9C2 for C1, KWAZ
- CA Orlando 106.7B1 for 106.5A, KXHM, Aug. 16, Sept. 3 [16, Sept. 3]
- FL Miami Beach 93.9C for C1, WLVE, Aug. 19
- IL Neoga 98.9A Mumbles Corp. counterproposal IA St. Ansgar 92.9A Mitchell County Bcstg. Co. counterproposal [KREJ, Aug. 5, 20]
- KS Medicine Lodge 101.7C2 for 95.9A, KS Sterling 95.7A, Aug. 5, 20 [Sept. 3]
- KY Liberty 98.7C3 for A, WKDO-FM, Aug. 19
- MS Pickens 105.9C2 for Lexington MS 105.9C3, WLTD (moving from 106.3A), at a site 26.3 km SW, Aug. 19, Sept. 3 [cause/why not?]
- MS Winona 95.1 for 96.7A, WONA-FM "show/ MO California 94.3C2 for A, KZMO-FM and Rolla 106.3A for 94.3A, KGMX (affected by "show cause"), Aug. 19, Sept. 3 [3]
- OK Bixby 105.3C3 for A KBX T, Aug. 19, Sept. 3
- SC Edisto Beach 93.7A, Toni Rinehart, counterproposal, which conflicts with a proposal to assign the channel to Walterboro
- TN Bolivar 100.7A for 96.7A, WMOD "show cause/why not?"
- TX Cushing 96.9A, Aug. 12, 27
- TX Glen Rose 92.1C2 for Hamilton 92.1A, KCLW, site 24½ km SW, Aug. 19, Sept. 3
- TX Goliad 95.9A, site 4 km w. to avoid a spacing problem with KXGJ 96.1C2 Bay City TX Aug. 19, Sept. 3
- TX Jasper 107.3A, Aug. 5, 20
- TX Seabrook 92.1C1 for C2, KRTS, site to be 40 km SW, Aug. 19, Sept. 3
- WV Williamsontown (from Ravenswood) 106.1A, WRZZ, site 7.6 km SW, Aug. 19, Sept. 3

- WI Sheboygan Falls 106.7A by changing Lomira 106.7A to 97.7A, WFDL; Sheboygan 97.7A to 93.7A, WWJR; Value Radio Corp. counterproposal
- WY Jackson 95.3C for 95.7C, KZJH, to relieve intermodulation interference, Aug. 12, 27

**FM Rulemakings Finalized**

- Dates are when FCC filing windows are open
- AL Orrville 97.3A for Marion AL 97.5A, WJAM
- AR Lake City 104.9C3 for Paragould 104.9A, KDXY, site 14 km W [El Centro (94.5)]
- CA Brawley dismissed KWST's bid to move to CA Columbia denied Eric R. Hilling's bid for 98.9A, with the FCC not finding it a qualified town for allotment purposes. H Group, Inc., filed a counterproposal to assign the channel to Arnold CA, but the FCC rejected H Group's proposal as technically defective
- CA Gualala 100.5B1, Aug. 6-Sept. 5
- GA Hannahs Mill 101.1A, Aug. 13-Sept. 12
- GA Claxton 107.3C3 for 107.1A, WCLA-FM
- GA Milldeville 100.7C3 for A, WLR, site 12½ km E
- GA Waynesboro 107.1C3 for A, WAGW
- ID Sandpoint 95.3C1 for A, KPND
- IL Ogeby 102.1A, July 22-Aug. 21
- IN Garden City FCC deleted 102.9A
- KS North Fort Riley 102.5C1 for C2, KXDJ
- KS St. Marys 102.9C2, site to be 24 km E, Aug. 13-Sept. 12 [to be 17.3 km W]
- KY Bowling Green 96.7C3 for A, WCBZ, site/ KY Campbellsville 104.1C3 for 103.9A, WKCK [for 92.1A, WDHR]
- KY Pikeville 93.1C2/ [C1, WXLT
- LA Kentwood (from McComb MS) 94.1/ LA Richwood 100.9A, July 26-Aug. 25
- MI Cadillac 96.7C3 for A, WWLZ
- MN Cold Spring 94.9C2 from Litchfield, KMXX
- MN Princeton 106.1C2 for 106.3A, WQPM-FM, denying the upgrade to KOLV 101.7 Olivia, which wanted 106.1C2 [23-Aug. 22]
- MN Willmar 95.3C2, site to be 23 km SW, July/ MS Oxford 93.7A for 107.1A, WKLJ
- MS Wiggins 97.9C2 for A, WOTC
- MO Nixa 105.9C2 for Bolivar, KGBX
- NE Gering 103.9C, July 26-Aug. 25
- NM Taos 101.5C1 for C2, KTAO [22]
- NY Hague 93.7A, site 12.2 km N, July 23-Aug./ NY Westport 102.5A, July 23-Aug. 22
- SC Bluffton 106.9C1 for A, WLOW
- TN Benton 93.1A, July 30-Aug. 29
- TN Lafayette 104.1A, July 22-Aug. 21
- TX Hemphstead 105.3A, site 14 km NW to avoid short-spacing with KHCB 105.7C Houston, Aug. 13-Sept. 12
- TX Huntington 101.9C2 for A, KAQU
- VT Vergennes 96.7A, with special Canadian approval because of a short spacing to CKOI 96.9C1 Verdun PQ
- VA Clinchco 92.1A for 93.1A, WDIC
- WA Castle Rock 107.1C3, site to be 10.4 km N, July 23-Aug. 22
- WA Davenport 97.3A for 95.3A
- WA Medical Lake 101.9C2 from 95.3A, KAAR
- WA South Bend 105.7C3, July 26-Aug. 25
- WV Clarksburg 92.1A for 92.7A, WVHF
- WV Matawan 106.7C3 for A, WVKM, site 14 km SW to avoid a short-spacing with the new WHFI \*106.7 Lindside WV
- WI Marathon 104.9C3 for Stevens Point 104.9A, WMGU, site 13 km SE
- WI Omro (from Waupun) 99.5C2, WPKR, at current site; but must wait for WOWN Shawano's 99.3C3 upgrade at a new site
- WY Fox Farms dismissed 103.9C1 bid

**Loopholes in Translator Rules A Headache—Or Much Needed Relief?**

Now that the freeze has been lifted on applying for new commercial FM translators or upgrades, the floodgates have literally burst open. Both third parties and licensed broadcasters are taking advantage of rules allowing for higher power translators—and, surprisingly, several applications in the 92-108 mhz part of the band are by educational stations (88-92 mhz). Family Stations, Inc., for example, has applied for several relays in Iowa on the commercial band of KDFR \*91.3 Des Moines.

The new rules provide for quite specific protection to licensed full-power stations, using the FCCurves for predicting interference. Limitations because of channel 6 stations appear to be severe. One party may own more than one translator in a market, and although the rules spell a maximum radiated power of 250 watts, several applicants are nudging that figure higher, apparently hoping the FCC will allow such variances. Equipment choices for translators are going to be easier, according to Howard Entstrom, in his

newsletter: "Part 74.1250(a) of the new FCC rules state that FM translator and booster stations may use equipment notified or type accepted under provisions of Part 73 (broadcast) rules. This widens options for satellite-fed translators and amplifiers providing more than 10 or 20 watts output." And the FCC is seeking comments on proposals to modify the rules governing how renewal announcements should be given on translators. The FCC reminds translator operators that they must obtain prior consent from the primary or other translators before rebroadcasting their programs. Each licensee must notify the FCC of the call letters of each station rebroadcast and "certify that written consent has been received from the licensee of that station."

For an existing translator owner the brightest loophole is that, even if relaying a primary station outside its protected contour, it can continue receiving compensation from the primary until March 1, 1994. And all commercial FM translators can legally receive technical help from the primary station, even those that are outside the protected contours.

**Digital Audio Broadcasting: In-Banders and L-Banders Slug It Out**

Several proponents of an in-band, 88-108 mhz, solution to the digital dilemma have come forth: Gannett's system uses a signal sent along with the analog, but at 25 dB down from the peak analog FM carrier. Mercury Digital Communications has a scheme called MultiFrequency Modulation (MFM) and operates on the first adjacent channel to an FM station, 16 dB down in power to achieve identical coverage. KinTel Technologies has proposed "Power Multiplexing," allowing for multiple RF carriers to share the same frequency at the same time without disruption to the existing analog transmission. And, joining the race, is Synetcom Digital, which claims its signal does not disrupt existing FM subcarriers. The digital signal is placed above the station's current stereo transmission using a technique called MSD-FM (Multiple Subcarrier Digital FM). Time division multiplexing protects subcarriers, and the company is said to be working on an AM DAB system. Since none of these systems has yet been tested, there is some doubt that any of them will work. The FCC is hoping to get DAB allocated in both the L (1435-1550 mhz) and S (2360-2460 mhz) bands, and will make the proposal at the World Administrative Radio Congress in Spain next year. Reason for the split band: "Since it may not be possible to provide enough spectrum in the 1.5 ghz band to ensure a successful DAB service, we also propose an additional allocation. . . The exact size of the DAB allocation in each band will be decided after appropriate consultations with the Executive Branch," said the FCC in a June 20 inquiry about spectrum matters.

The NAB favors the Eureka 147 DAB system, which operates out of the FM band for these reasons: • The NAB is poised as chief negotiator in locking rights to the system in North America; • Endorsement stimulates further refinement of the system to meet U.S. industry demands. Refinements recently made in the system are: • Capability to provide different coverage areas for each station, corresponding to present FM (and AM) coverage inequalities; • Improvement of fringe signal reception to prevent an abrupt drop-off of the signal. Stations form "pods" of four to 16 at a site under the

Eureka system. A major stumbling block to an in-band DAB system is the NAB's opposition to one which will exclude AM stations. The NAB's DAB Task Force "feels that AM stations must receive equal treatment with FM stations. NAB believes the FCC, as well, is not inclined to adopt national DAB standards that favor only FM stations, and leave AM stations out in the cold, or hunting for new spectrum." One might ask, however, if it is equitable for an AM-FM simulcast station in a major city to receive two DAB allocations when other would-be new broadcasters might thus be excluded. And why should existing coverage inequalities be perpetuated? To adopt the Eureka system as the NAB proposes is like building a modern sports car on a model-T chassis.

DAB became the focus of FCC Commissioner Ervin S. Duggan's remarks about the FCC proposal to revisit several regulations about radio (last month, p. 6): "Since 1984, the number of FM stations has increased 41 percent. If all current FM applications should prove successful, the result will be a virtual doubling of FM stations in the near future. Industry sources suggest that only 30 to 40 percent of radio stations show any level of operating profitability, and that station values have dropped 30 percent in recent years. At a recent Annenberg seminar on digital audio broadcasting, one industry representative sketched the reality in stark terms: except in times of rapid economic growth, every new station divides the advertising pie into smaller pieces, creating a desperate feeding frenzy for limited revenues. A situation could result in which no one station will be able to deliver the critical mass of listeners necessary to attract advertisers at all. . . . In particular, we should evaluate the potential impact of digital audio broadcasting on the radio marketplace."

**Small-Print Happenings and FM Industry News**

Consultant Larry Fuss, through the Washington DC law firm of Venable, Baetjer, Howard & Civiletti, filed a petition at the FCC to give preference in new FM station filings to the applicant which filed for the license. He would create an "entrepreneur's preference" to those who take the risk and seek out and file new petitions. Under present practice, the person who pioneered an allocation becomes just one of several applicants for a desired facility.

Local "scanner laws," designed to forbid mobile listening to police and similar frequencies, may be voided if an FCC rulemaking proposal is acted upon. For information, contact Eric Malinen at (202) 632-7175. News crews can use scrambling for sending stories by remote pickup broadcast stations to the main studios. Stations were finding that their competition was often picking up the news radioed in and profiting from that material, even though "third party reception and use of such radio signals was prohibited." Parties using F3Y digital voice emission are to transmit unscrambled analog or Morse Code station identifications every 15 minutes during operation, to enable anyone receiving interference to identify the source.

Despite interference to SCA data signals at 67 kHz (see above, "SCS"), the RDS system is going ahead, with plans to integrate it with Access' pager. For more information, contact Phil Lisk at Access, (813) 736-2040.

One of the parties that lost out to 107.5 Chatham MA when the FCC granted it to WFCC, First Class Communications, was Cannon Communications Corporation. The fact that WFCC is in bankruptcy does not alter the provisional nature of WFCC's permit. The grant is not final because Cannon filed an appeal with the U.S.

Circuit Court of Appeals in Washington DC. The court then returned the case to the FCC, which found no misrepresentation or other wrongdoing on the part of First Class.

A Rural America Radio Network (RARN) is proposed by Steve Robinson, manager of the NE Public Radio Network. The network's first task would be to raise funds for the stations; later it would develop programs. "It would be foolhardy to do both at once," Robinson said. Member stations would each invest \$1,000 to capitalize an underwriting scheme.

RARN would approach national rural-oriented companies, such as farm equipment or chemical companies, to make a "group buy" of underwriting. Credits would air on all stations, "in much the same way commercial classical stations' Concert Music Network operates." So far, nine public stations or networks in IL, KS, NY, ND, OK and WY have pledged the \$1,000 each, "making a sum far short of the \$55,000 needed to set up a national underwriting office." Robinson said he hopes to have 55 stations signed up by fall.

Do 900 numbers pay off for public FM? The answer, a qualified maybe. Last fall WJHU #88.1 Baltimore raised \$23,000 from 1240 calls at \$25/call, using a company which has since gone out of business. Finding a qualified vendor is a problem, since the industry tends to attract fly-by-nighters and is tarnished by a sleazy image, appealing often to sex talk operators. WJHU, however, sees the 900 number as a way to generate income year 'round, rather than only at fund-raising times. Considerable time must be spent on-air educating people to use the number, and to increase perception that "hey, here's a way I can help this station." Public TV has the advantage over radio of being able to show the number, however.

Three KZFX 107.5 Lake Jackson-Houston people kidnapped in a busted holdup getaway from a pawnshop next to the station. Owner fired bullets into the getaway car, so they commandeered a KZFX van, which had to drive to an apartment complex. One of the thugs was arrested, with the two station employees and the van making it safely back to the station. Management later brought in a psychologist to work with the staffers.

Public radio's audience up five percent from last fall, according to a report by the Radio Research Consortium, led by Tom Church. Peak hours for the stations are 7-8 a.m. and 5-6 p.m. Highest market shares are in smaller cities, those with less commercial competition. WVPS Burlington VT had a 10.2 share, WQLN-FM Erie a 6.3; WERN Madison led in the 300,000 to 500,000 category at 8.2 percent, while KCFR Denver led in the 1.5 to 2.5 million category at 3.6 percent; and in the largest markets, WETA-FM Washington was leader at just 2.5 percent of the audience. WETA-FM had a successful pledging period in which 4,951 pledges worth \$266,702 came as the result of 4,150 "pledge minutes," receiving six percent more money than last year. KLON Long Beach raised \$266,650 from 3,427 pledgers with an average pledge of \$77.80.

A letter from Bill Palladino, general manager KFAL #90.3 Minneapolis: "Minnesota Public Radio's arrogant \$12 million business deal (in which it bought WLWL 99.5 Minneapolis) may in fact have cost all public broadcasters in Minnesota a precious price. In his recent budget recommendations, Minnesota's new governor, Arne Carlson, suggests cutting all funding to public broadcasting. Many at the state capitol feel MPR's meddling with the WLWL purchases and a recent postal rate scandal had a great impact on legislators and the governor. They don't need our money, they just spent \$12 million on a new station' may have been a response. MPR is a



Robinson

powerhouse of corporate politics, values and intrigue; they also wield a mighty public relations sword." From the Minnesota Broadcasters Association newsletter: "Governor Carlson's budget dropped all funds for MPR. On the last day of the session, May 20, a conference committee re-inserted \$180,000 for MPR. . . . The \$180,000 was earmarked for transmitters and equipment for second MPR stations in Thief River Falls, St. Peter-Mankato and Fargo-Moorhead. MPR already has powerful FM stations in all three markets. MBA reminded legislators that fewer than 1.5 percent of all Minnesotans willingly contribute to MPR and that the other 4,300,000 should not have to see tax dollars go to build additional radio stations that are totally unnecessary." The \$180,000 was eliminated, thanks to a line-item veto by the governor. The MBA warns that MPR stations may be seeking funds from city and county governments as well as other state institutions. KRSW #91.7 Worthington-Marshall MN has received \$30,000 each year from the state community college system, in addition to free studio and office space. "That agreement reportedly was cancelled when MBA stations KWOA/KWOA-FM sought to bid on providing the same services to the college for substantially less than \$30,000 per year.

"MPR has sought and received grants from charitable foundations and quasi-public agencies in the past, such as the West Central Minnesota Initiative Fund which last year gave MPR \$10,000 to support programs that would encourage 'public debate and public exposure concerning regional issues'. When Bud Nornes of KJJK-FM radio in Fergus Falls sought sponsorship of a public affairs program from the same Initiative Fund, he was told his station did not qualify for a grant because they were a for-profit company rather than a nonprofit. Nornes told the fund's executive director that his station was not looking for a grant, but rather a sponsor who would receive valuable public attention from a larger audience by sponsoring the program."

NPR mulling over a proposal to begin *All Things Considered* an hour earlier, and make the program last two hours, starting at 4 p.m. Eastern. Such a change not expected for at least a year, to give the medium time to pull out of a financially tight period. "Numerous station officials had sought the proposed ATChanges—in November's regional programming meetings and through a February poll taken by the Public Radio Program Directors Association."

KCEP Las Vegas, fined \$3,000 for airing enhanced underwriting announcements, is appealing the decision through Jerry S. Kitner of the Washington law firm of Arter and Hadden. "Basically the appeal is that the fine is excessive," Kitner said.

Harry Skornia, 81, dies in Fort Walton Beach FL, his retirement place. He was known for running WILL-FM #90.9 Urbana IL for many years, having been at IL from 1953 to 1974. He authored the book, *Television and Society*, which was recognized by the late media pundit H. Marshall McLuhan as a "classic study of television as a social institution," and one which I read in graduate school. Living in a neighboring room was a Polish exchange student, and when he saw the book, he said that's a Polish name! Skornia chose these words from a black spiritual as his personal manifesto: Skornia



May the life I lead speak for me.  
 May the work I've done speak for me.  
 May the service I give speak for me.  
 The supposedly unsalable WCRB 102.5 Waltham-Boston might just allow Woody Tanger to reel it in, due to a \$10 million offer he's made. Deceased owner Ted Jones put his stock in trust

for the next 100 years (see last month, p. 7). Tanger is banking on other station stockholders to let him pry it off their hands. Anxious to be on the Boston ether, he's also made an offer to buy WCDJ 96.9 for \$12 million. Liking classical music, he has also made a \$10 million offer to buy WRR 101.1 from the city of Dallas. Not impressed, one Dallas councilperson said the station is worth \$50 million. Unlike WRR, which is a commercial station, WNYC-FM \*93.9 New York has to rely largely on municipal largesse. It has just laid off three long-time announcers, including Stan David, host of the all night "White City Sleeps" program, in a budget-cutting move. The New York Post said of the three announcers let go: "Their calming and erudite voices have made living in this mad city a bit easier. Their firing is indeed a tragedy."

Tom Gammon's KRTY 95.3 Los Gatos CA placed in receivership, but with a "recent gain in ratings... a new buyer [will] be able to step into a turnkey operation, with a unique format, strong staff and excellent prospects." From the *M Street Journal*: KROQ-FM 106.7 Pasadena announced that its three murder-hoax DJs will serve their court-ordered community sentences spending 149 hours each working for the L.A. Countywide Coalition for the Homeless.

Stuart Epperson and Ed Astsinger, principals in WMCA 570 New York, have reportedly withdrawn their application filed against WXRK 92.3 (June, p. 7). Criswell, the gospel folks from Dallas, have withdrawn their FCC application against KTEO-FM San Angelo TX. Instead, they're buying the 93.9 outlet, which will presumably turn "g." Moral: If you don't want a fight on your hands, sell out!

The pirate who won't give up. That's Tom Reveille of 53 Dudley Ave., Venice CA 90291, who has been visited by FCC inspectors who are less-than-amused listeners to his unlicensed station on 107.9, "Radio Free Venice." They've issued him a notice of apparent liability and fine of \$1000. He says he's innocent because the Communications Act only gives the FCC "broad jurisdiction over federal & interstate communications, and over state communications that in anyway affect or impinge on interstate commerce but none whatsoever over local, intrastate (let alone intra-county!) First Amendment radio activity! (Spellings are his). Ernie Wilson, in his "Electronics & Radio Newsletter," comments: "It is interesting that everyone is saying the maximum penalty in \$100,000 yet Section 501 as it appears on the Warning Notice [to Reveille] indicates only \$10,000. Must be an old FCC form. But isn't it a bit misleading to advise a potential violator of penalties while using outdated information?"

The NAB has published a guide of interest to public broadcasters entitled "The Fundamentals of Fundraising for Non-commercial Broadcasters," giving examples of what may and may not be included in donor acknowledgements, as well as what kind of promotional announcements are permissible for nonprofit organizations. For a copy call (202) 429-5490.

Another new satellite format, "City FM," based in Boston has been announced. The "hot AC format" will feature re-recorded and customized breaks for affiliates, none of which have yet been announced.

FCC plans to reclassify several FM stations, mostly to C3, and most of them 88-92 educational. The list runs several pages, and if you'd like a copy send \$2 to cover part of our time and expenses. This list will only be kept to the end of July.

Let the New York Daily News have the last word against WHTZ 100.3. The headline is about Z-100's "Be a JAP For a Day" contest,

which outraged Jewish groups. The Anti-Defamation League said the JAP (Jewish American Princess) contest encouraged harassment and humiliation of Jewish women.

FCC totals as of May 31: FM commercial 4449; educational 1459; FM total (licensed stations) 5908; AM 4986; FM translators and boosters 1860.

From the classifieds: Panasonic RF-4800 digital shortwave receiver, \$195. D. Fant, OK Two-Way, 413 NE 38 Ter., Oklahoma City OK 73105; (405) 528-6467.

News director: KZYX, \*90.7, PO Box 1, Philo CA 95466, EOE (send resume, statement of news philosophy [?] and tape); \$18,000.

Development director: KUNV \*88.1 Las Vegas NV, \$20,000-22,000 plus benefits. Send the usual to Sue Hobbs, KUNV, U. of NV, 4505 Maryland Parkway, zip 89154 by July 31, EOE.

Female with B.S. in broadcasting and hands-on experience seeks job in small to medium market in news. Katie Scott, (218) 864-5428.

Pioneer TX 9800 FM tuner modified for more selectivity, \$129 postpaid, excellent condition. Doug Allen, PO Box 5646, Woodland Park CO 80866.

FM FORUM

CONTRIBUTIONS FROM READERS

Enhanced long-distance FM reception, often a summertime phenomenon, has affected local reception of Class A stations in Michigan. Phil Boersma says there was literally no local class A (except WGHN-FM 92.1 only 6 km away), due to adjacent-and-co-channel interference. WEVS 92.7 Saugatuck, WKBZ-FM 95.3 and WPBK-FM 97.5 both Whitehall, WLCS 98.3 North Muskegon, WJQK 99.3 Zeeland, WQWQ-FM 101.7 and WMHG 107.9 both Muskegon, were all unlistenable for several hours. The stations on former Class A frequencies were buried by multiple FMs coming in, reminiscent of nighttime conditions on AM's Class IV 'graveyard frequencies'. It is quite clear that the power boost to 6 kw for many class As has very much enhanced their potential for interference to each other. The Class As not on former Class A frequencies, such as WPBK-FM and WMHG, were almost totally obliterated by co- and adjacent-channel class Bs. What a mess! And, except for WEVS, all of the stations listed are less than 23 km away from me: meaning this interference affected the stations within their 1 mv/m, supposedly 'primary' coverage area. As far as WGHN-FM 92.1 is concerned, while it received no objectionable interference at only 6 km, it was still possible to hear WKGH 92.3 Allegan through WGHN-FM's sideband. I'll bet WKGH totally screws up WGHN-FM a few more kilometers away from their transmitter, making adjacent-channel 'slop' for WGHN-FM, even within their primary service area. You used to be able to listen to WGHN-FM in Holland—but not any more, I'll wager. I predict five years from now FM stations will be screaming about all the interference. And, as happened with AM in the '60s and '70s, the FCC will discover it will be too late to do anything about a band which is now overcrowded to the point where some stations will be affected financially. I really feel sorry for the Class As." And WCUZ-FM 101.3 Grand Rapids has apparently dropped its "CUZ" moniker for "Today's Hit Country," and eliminated the "country plus" flavoring to its music in favor of all country.

Boersma also sent information on the death earlier this year of pioneer broadcaster John Fetzer. He constructed WKZO 590 AM Kalamazoo in the 1920s, and was perhaps best known outside broadcasting for owning the Detroit Tigers for many years. Fetzer also built super powered WJEF-FM (later WJFM 93.7) in Grand Rapids in the 1950s, and constructed WKZO-TV, channel 3, in the late 1940s, which was sold in the 1980s. He also built and operated WWTV-FM 92.9 and its AM and TV affiliates in Cadillac. He donated equipment to Andrews University, Berrien Springs MI, which made possible WAUS \*90.7.

Peter Fah, Jr. sent an item about two

companies competing for the 103.3 FM channel in Asbury, near Dubuque IA. KDFX 102.3 Dubuque is one company wanting the channel, a Class C3, which would enable KDFX to jump to 25 kw. If KDFX wins, the losing applicant could presumably apply for KDFX's old spot.

WQFM Milwaukee's former chief engineer Mark Timpany has moved to Indonesia, where he will be doing some contract work for Harris. He promises to send word of any interesting FM developments from that part of the world.

The newsletter he used to edit, that of the Society of Broadcast Engineers, Chapter 28, Milwaukee WI, mentions a personal monitor to detect nonionizing radiations that might be harmful to humans in the range of 2 to 18 GHz. The newsletter muses, "Wouldn't it be neat to have one of these that covered the commercial broadcast service so that you could issue it to tower service personnel during maintenance?" I'm glad to see some items from the March FMedial in that issue, now edited by Terry Baun.

Howard Enstrom called and we rapped on religion, after the picture story was published. He correctly pointed out that we are "under the new dispensation." I didn't mean to come across as a legalist, but we believe both the New and Old Testaments. Our church has long advocated getting away from flesh foods as the best diet for our health, and it was interesting reading an AP story last month about the Physicians Committee for Responsible Medicine advising that the basic four food groups be fruits, vegetables, legumes and whole grains, rather than including meat and dairy products. We may turn vegetarian yet! Howard sent a history of WGN-FM, or WGNB, Chicago, and I'll try to publish that next month. His newsletter mentions that there currently are no type-accepted translators for the new 250 watt power which has been authorized, although I would think an existing FM transmitter could be modified, or perhaps used without modification. "FM translator frequency searches and applications are getting to be almost the work for a full service FM station. We've had to increase our fees, something that was long overdue, anyway."

Speaking of raising fees, the rate for FMedial will go up from the present \$45 to \$65 per year. Check your label to see when your subscription expires, and you can renew for one year only at the \$45 rate if you read this before getting a notice mentioning the \$65 price. No multiple year renewals, please! Part of this increase is to pay for the FCC Fair Press Service subscription, which is based on a \$200 deposit, \$31 per month and 9 cents per copy for all FCC broadcast releases and texts, plus postage. Because of the large volume of FCC material, the costs are expected to be about \$2,400 a year. I am hoping FMedial subscribers will help underwrite part of this cost, which will also benefit the next edition "FM Atlas."

Bob Gilbert sent an article mentioning 287 radio stations off the air (79 FM and 208 AM), but which once operated. "Another sign of the faltering economy—a record 701 AM-FM stations simulcast their signals, including commercial and noncommercial stations." A letter was printed in the Lewiston (ME) paper from Anna Rodriguez, who was in a pizza place with three small children and assaulted by "Thunder 107" playing over the speakers. "After being pounded by a string of very explicit rap songs, I was getting pretty edgy that this restaurant was playing this music. Then the disc jockey came on and said this next song he got in trouble for. On came the song, loud and clear with head-banging rap, 'Everybody's Still Having Sex'. I was shocked and angry. I ran to the counter and told the workers that I have children here and to change the station. Thankfully, they turned it off! . . . This disc jockey should be in trouble. The only reason he did this was to shock me [and] many others."

Until August, Bruce F. Elving

**DYING FOR WORK!**  
 World's largest...  
**DAILY NEWS**  
**VILE ON THE Z-100**  
**DIAL**  
 Jewish civil rights group...  
 in 1990...  
 with a MILLION...  
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 2000...

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A NEWSLETTER OF FACT AND OPINION ABOUT  
FM RADIO AND RELATED TECHNOLOGIES—  
FROM THE PUBLISHER OF THE FM ATLAS

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## New FM Station, Translator Grants

AL Millbrook (Montgomery) 97.1 3000 h.v; 100 m, Millbrook Superior Bcstrs., Ltd.  
AL Orange Beach (Pensacola FL) 107.5 3000 h.v; 100 m, Pleasure Island Bcstg., Inc., initial decision, subject to reversal  
CA Big Pine 93.3 50000 h.v; 150 m, the Digernesses (see "Deletions," below)  
CA Groveland (21 km SE Sonora) \*91.7 6900 h.v; 313 m, CA State U—Sacramento  
CA Kneeland K203BF \*88.5 (KMUD 91.1 Garberville translator) [Denver station  
CO Boulder KXKL-FM1 105.1 750h booster of/  
CO Pueblo 104.5 100000 h.v; 299 m, P. Bcstrs. (see "Deletions" below, Colorado Springs)  
FL Vero Beach 99.7 50000 h.v; 91 m, Vero FM  
FL West Palm Beach \*88.1 50000 h.v; 127 m, SW FL Community Radio [Lumpkin, Inc.  
GA Lumpkin 99.3 50000h.v; 150 m, R./  
GA Montezuma 92.5 6000 h, 48 m (no vertical), Macon County Bcstg. Co. [Mahaffey  
GA Sylvania 106.5 6000 h.v; 100 m, Shirley/  
GA Valdosta 107.7 3000 h.v; 74 m, Albert L. Brooks [SPH Associates  
ID Idaho Falls 105.5 100000 h.v; 299 m/  
IN West Lafayette 106.7 3000 h.v; 100 m, Kelly V. Busch [m, Sebago Bcstg. Co.  
ME North Windham 106.7 3000 h.v; 100/  
MI Marlette 92.5 3000 h.v; 100 m, GBroadcasting Co. [Evan Doss, Jr.  
MS Port Gibson 100.5 3000 h.v; 100 m/  
MO Columbia 93.9 3000 h.v; 100 m, NCD Bcstg. Co. [E. Newman  
NH Hampton 102.1 3000 h.v; 100 m, Jane/  
NJ Montague (in extreme NW NJ) WSUS-1 102.3 55 w (h) booster of Franklin station—"input signal via local cable TV system"  
NY Jeffersonville 106.1 1600 h.v; 191 m, Bambi Bcstg. [m, Achilles, Inc.  
NY Mechanicville 104.5 3000 h.v; 76/  
OH Englewood 94.5 3000 h.v; 100 m, Miami Valley Communications  
OH Youngstown W207AR \*89.3 (WCRF 103.3 Cleveland); had once operated on 91.7  
PA Scranton WUSR \*99.5 300 h.v; 309 m, U. of Scranton  
SD Bridge K220BN \*91.9 (KILI 90.1 Porcupine—reinstatement of grant)  
SD Dupree K203AR \*88.5 (KILI)  
SD Green Grass K213AV \*90.5 (KILI)  
SD Rapid City K202AU \*88.3 (KILI)  
SD Whitehorse K207BB \*89.3 (KILI; previously was on 91.9) [dale Bcstg.  
TN Ripley 94.1 3000 h.v; 100 m, Lauder/  
TN Woodbury 104.9 3000 h.v; 100 m, Dasan Communications [zen Bcstg.  
TX Carthage 104.3 6000 h.v; 100 m, Hans/  
TX Laredo 106.1 3000 h.v; 58 m, Paul Garza, Jr.  
UT Millcreek (Salt Lake City) K276DP 103.1 (KSOS 106.9 Brigham City) [Brown  
VA Roanoke 105.3 3000 h.v; 23 m, Susan/  
PR Hormigueros 106.1 3000 h.v; 253 m, Renacer Bcstrs. Corp. [Calypso Com's.  
VI Charlotte Amalie 97.1 50000h.v; 391 m/  
BC Pemberton CKRW-6 106.7 140 h.v; 16 m, Klondike Bcstg. Co.  
BC Revelstoke \*89.9 10 watts vertical, t, CBC—a travel and road conditions reports station from the BC Ministry of Transportation and Highways (also on 1490 AM with 20 watts)  
ON Ottawa 100.3 80000 h.v; Rawlco Communications (approved Nov. '89, but only now was the frequency assigned) [Society  
SA Saskatoon 90.5 180 h.v; Community R/  
JA Guadalajara XHLA 89.1 jm, \$, "Estereo

Light," on 6 a.m. to midnight CST, all announcing in Spanish; power estimated at 100000 h.v. "This leaves only one open FM frequency in the city, 88.3 m. I highly recommend this area of Mexico for a visit—rather nice to get to a place where the people have higher priorities than MTV, BMWs and other superficial pursuits that we Americans are so painfully familiar with. . . Good views of the eclipse from San Blas NA—only heard one FMer in the area: the one listed on 97.7 in Topic."  
CUBA, Havana, stations on air range from 250 7500 watts; not known which of the following have stereo:  
90.3 Radio Progreso; 92.1 Radio Rebelde  
93.7 Radio Enciclopedia (b); 95.1 CMBS (classical)  
95.9 Radio Reloj (news, talk), 250 w  
97.7 "COCO"  
98.7 Radio Ciudad de La Habana  
100.7 Radio Cadena Habana  
102.7 Radio Metropolitana

## Call Letters Assigned or Changed

AL Attalia 102.9 WKXX  
AL Rogersville 93.9 WFIX  
AZ Tucson 107.5 KCRZ (from KYUD)  
AR Little Rock 99.5 KLVV  
CA Camarillo 95.9 KELF (KZTR-FM), Spanish, l, being leased by KCAQ 104.7 Oxnard CA  
CA Coachella 93.7 KCLB-FM (KCHV)  
CA Colusa 107.5 KPPL (KTMX)  
CA Los Angeles 93.1 KCBS-FM (KODJ), "CBS-FM", no changes in format or air personalities"  
CA Los Banos 106.9 KQLB  
CA Oceanside 102.1 KIOZ (KGMG-FM)  
CA Ventura 107.1 KAXX (KAGR)  
DE Dover \*91.7 WRTX  
FL Bonita Springs 96.1 WRXK"-FM" (WRXK-FM; AM in North Fort Myers gets new calls)  
FL Marianna 94.1 WSEJ  
FL Tarpon Springs \*88.9 WYFE (WFCE)  
GA Harlem 95.1 WHEY  
GA Hinesville 104.7 WSEU  
IL Chicago 93.1 WXRT (WXRT-FM)  
IL Monticello 105.5 WCZQ (WVLJ)  
IN Nappanee 95.7 WLRX (WXJG)  
IA Fairfield \*90.5 KHOE  
KY Cumberland 102.7 WSEH  
KY Madisonville 106.9 WTTL-FM  
KY Reidland 106.7 WSEQ  
KY Valley Station 105.9 WVSL  
LA Brusly 96.3 KRVE (KIEZ)  
LA Monroe \*89.3 KYFL  
LA Vidalia 104.7 KPXQ  
ME Kennelunk 99.3 WJIB (WKME)  
MA Webster 98.9 WSGQ  
MA West Yarmouth 94.9 WOCB-FM (WJIB)  
MS Artesia 100.1 WJWF-FM (WZIX), g, leased by WMBC 103.1; WJWF AM Columbus goes silent  
MS Natchez 97.3 WRHG  
MO Carthage 97.9 KRGK (KMXL); KMXL remain the calls for Webb City 95.1, "Mix"

MO Half Way 93.1 KY00-FM (AM is in Bolivar)  
MO Palmyra 97.9 KICK"-FM" (KICK-FM; AM in Springfield gets new calls)  
NV Reno 104.5 KHIT-FM (KIIQ-FM); AM is in Sun Valley NV  
NH Farmington 106.5 WRHF  
NY Corinth 93.5 WZZM-FM (WZZM; TV is in Grand Rapids MI), mr, contemporary and softrock—more conservative than WROW-FM  
95.5 Albany. Sold by Hastings Broadcasting Corp. of Oneonta for \$475,000 to Target Market Radio of Glens Falls. Hastings paid \$1 million for it 2½ years ago, but now claims there are too many stations in the local market and blames FCC policies on station overpopulation.  
NY Kingston \*91.7 WRHE  
NY Peru \*88.3 WXLU  
NC Elizabeth City 93.7 WKOC (WMYK), "Coast 93.7." "The station's former s[r] format has been picked up by W/KSV 96.1 Cape Charles/Norfolk and is being simulcast on co-owned WMYK 92.1 Moyock NC-Norfolk VA, formerly WTZR."  
NC Hamlet 104.3 WJSG (WSJG) [that WTZR, sr  
NC Moyock 92.1 WMYK (WOFM; before/  
OK Cordell 99.3 KCDL (KRMK)  
SC Cayce 96.7 WHKZ (WYYS), k[ountry]  
SC Johnsonville 105.1 WRHA  
SC St. George 107.5 WBUB (WKQB)  
TN Dresden 95.1 WJZK  
TX Fort Worth 107.5 KCDU (KMEZ), op, "CD-107.5"; "classic rock without the metal"  
TX Huntsville 103.5 KVST (KTDD)  
TX Johnson City 107.9 KFAN-FM (KFAN); AM is in Minneapolis MN  
TX Robstown 99.9 KSAB (KROB-FM)  
UT South Ogden 106.3 K292EO (not K292ED, which is in Kachemak City AK)  
VA Lynchburg 100.1 WLYK (WKZZ)  
VA Petersburg 100.3 WSVV  
WI Racine 100.7 WKKV-FM (WBZN-FM), "V-100" (from "B-100")  
WY Laramie 107.1 K296BO (from K296AA)

## Facilities' Changes Granted

AZ Prescott K228DF 93.5 (from K276AH 103.1)  
AR Berryville KSCC 107.1 3600 h.v; 191 m, C3  
CA Barstow KDUK 94.3 4600 h.v; 239 m  
CA Ferndale KWHZ 99.3 124 m (3000 h.v)  
CA Johnstonville K210BC \*89.9 (K272AV 102.3) [v; 956 m, Mt. Wilson site  
CA Los Angeles KZLA-FM 93.9 18700 h, 16200/  
CA Mariposa KHRA 103.9 70 watts h.v; 624 m  
CA Oxnard KDAR 98.3 820 h.v; 270 m  
CA Shingletown KRKQ 105.3 (move from Chester—in direction of Redding CA)  
CO Lake City K204BR \*887 (from K203BH 88.5) [AJ 103.1)  
CO Leadville K280DZ 103.9 (from K276-/  
CT Middletown WIHS \*104.9 3100 h.v; 96 m, adds vertical [69 m  
FL Key Colony Beach WKKB 105.5 6000 h.v; /

FL Palm Bay (new) \*90.3 660 h.y; 78 m  
 FL Panama City Beach (new) 105.1 (from Panama City)  
 FL Rockledge WHKR 102.7 50000 h.y; 150 m, transmitter Titusville FL  
 FL Tampa WRBQ-FM 104.7 remains 171 m (100000 h.y); extend upgrade to a C because of an I-F problem with WEZY 94.1 Lakeland FL, which has applied to become a C, and the distance at Q-105's Riverview FL site was less than the 41 km required. Now sr, no ID with St. Petersburg; instead it IDs as "WRBQ AM St. Petersburg and WRBQ-FM Tampa." [89.1]

GA Waleska W208AA \*89.5 (from North Canton/  
 GA Waynesboro WAGW 107.1 6000 h.y; 90 m  
 HI Kekaha KAU1 103.3 100000 h.y; -248 m, C1  
 IL Beardstown WRMS-FM 94.3 6000 h.y (91 m)  
 IL Belvidere WXRX 104.9 4000 h.y; 122 m  
 IA Forest City K10W 107.3 (from 102.3) 50000 h.y; 150 m  
 KS Herington KDMM 105.7 (from 96.3)  
 KY Glasgow WWWQ 105.3 (from 105.5), C3  
 LA Opelousas KVOL-FM 105.9 3400 h.y (131 m)

MI Ann Arbor WAMX 107.1 3000 h.y; 88 m  
 MN Hutchinson KKRJ 107.1 4400 h.y (59 m)  
 MN La Crescent KXLC \*91.1 230 h.y; 257 m  
 MS Byhalia WHLE 94.9 (city of license change from Holly Springs—site to be 7.8 km SE, but still serving most of Memphis TN with a 60 dBu signal)

MS Clarksdale WWUN 101.7 6000 h.y (56 m)  
 MO Columbia KARO 101.5 (from 101.7) 20000 h.y; 184 m, C2 [or K205-88.9]

MO Joplin K220CY \*91.9 (from K210-89.9/  
 MO Rolla K213AG \*90.5 (from 90.3)  
 NE York KAWL-FM 104.9 3000 h.y (100 m)  
 NH Lisbon WLTN-FM 96.7 3300 h.y; 90 m  
 NY Ballston Spa WQQY 102.3 4100 h.y; 118 m  
 NY Long Lake W202-88.3 (from K218BA and later W218AE \*91.5)

NY Potsdam W261CJ 100.1 (W280AK 103.9; the W261CJ calls assigned are "tentative")  
 NY Webster (new) 102.7 1500 h.y; 139 m  
 ND Valley City KOVC-FM 101.1 (from 100.9) 11900 h.y; 305 m

OR Corvallis KEJO 101.5 342 m (100000 h.y)  
 PA Boalsburg WVCV 93.7 (from 92.9)  
 SC Columbia WOMG-FM 103.1 3300 h.y (91 m)  
 SC Orangeburg WKSO 103.9 9200 h.y; 162 m, C3 [new] 105.7 6000 h.y; 72 m

TX Amarillo [50000 h.y; 150 m]  
 TX Brenham KWHI-FM 106.1 (from 106.3)/  
 TX Texarkana K224BZ 92.7 has KXAR-FM 101.7 Hope AR (from KARQ 92.1 Ashdown AR) [at 29 km SW of Salt Lake City, C

UT Centerville KBCK 105.7 7300h.y; 1116 m/  
 VT Killington (new) 105.3 1200 h.y; 784 m, K. Bcstrs. [m], C3

VA Chase City WFXQ 99.9 25000 h.y (100/  
 VA Marion WOLD-FM 102.5 440 h.y (367 m)  
 VA Pulaski WPSK 107.1 1800 h.y; 368 m, C3  
 VA Tappahannock WRAR-FM 105.5 4000 h.y; 83 m [back to former facilities]

WA Edmonds KCMS 105.3 115000h.y; 220 m/  
 WI Brilliance WEZR 107.5 from 96.3  
 WI Suring WRVM 102.7 299 m (100000 h.y). The new tower expected to extend the WRVM signal 40 km and reach half a million more people with WRVM's gospel programming in stereo. "In late 1989 the 38-year-old 500 foot tower now being used was found to



"Splint" over the crack on the present tower leg.

have a 6" crack in one of the hollow legs up at the 350' level. This was evidently caused by water entering a small hole, building up over time, then freezing and bursting like a frozen water pipe. Therefore, the present tower must be replaced. . . Total cost of the entire project will be approximately \$600,000."

WI Wausau WDEZ 101.9 328 m (100000 h.y)  
 AB Red Deer CIZZ 98.9 100000 h.y (225 m), with coverage "from just south of Edmonton 160 km north to just north of Calgary, 161 km south, and west to the Rocky Mountains"



BC Vancouver CKZZ 95.3 75000 h.y; 530 m  
 NS Halifax-Dartmouth CFRQ 104.3 100000 h.y (192 m, d-a)  
 NS Sydney CKPE 94.9 allowed move to a site 13 km SW to improve its signal in communities surrounding Sydney; no announcement about any power or EHAAT change

PQ Mingan CKKE 89.9 (from 90.1) [A  
 YT Whitehorse CHON 98.1 90watts h.y (46 m)/  
 JA Guadalajara XHRO 95.5 120000 h.y (announces "240,000 watts," but assumed to be adding h & v powers); E, with announcements given in English and Spanish, with one English ID per hour

Stereo—Or to be Stereo

AL Florence WXFL 96.1  
 AL Huntsville WJAB \*90.9, now on with \$  
 AL Winfield WKXM 105.9, "Gold 106 FM"  
 FL Vero Beach WSCF \*91.9  
 GA Ashburn WFFM 105.7

ID McCall KBSM \*91.7, with a relaying subcarrier for the public at 75 kHz, relaying KBSU 90.3's SC5

KS Goodland KKCI 102.5  
 KY Cynthia WCYN-FM 102.3  
 LA Basile KBAZ 102.1 [ing, "Q-96"  
 MI De Witt WQHH 96.5, rm, ID with Lans-/  
 NM Las Vegas KBAC 98.1

NY Hoosick Falls W'NGN 97.5, "but reception in Berkshire County is spotty, at best, since WMYX 97.3 and WKOL 97.7 obliterate its signal; 9 p.m. ID: 'This is WNGN Hoosick Falls, 97.5'. It then went to a call-in program from Chicago, leaving stereo on, of course."

NY New York WCBS-FM 101.1 still stereo, of course. Its Bruce "Cousin Brucie" Morrow becomes a cartoon character this month when he is immortalized on the pages of the 50th anniversary issue of Archie Comics. My daughter gets those books, so I'll have to see how Brucie coexists with the likes of Jughead, Archie, Betty, Veronica and Reggie!  
 NY Voorheesville WCDA 96.3

PA Portage WKXU 105.7, ID with Johnstown. Announces as stereo, but heard only in mono thus far.

PA Radnor Township WYBF \*89.1  
 PA Villanova WXVU \*89.1  
 TN Lawrenceburg WLLX 97.5  
 TN Loudon WXST 105.3  
 TN Rockwood WOFF-FM 105.7, k

TX Daingerfield KWSK 106.9, o, ID with Pittsburg-Mount Pleasant [KTKX"  
 TX NewBoston KTKX 103.5, k, "Kicks 103.5./  
 TX San Angelo KCLK 101.9, KCLK (strict)  
 WY Burns KMUS-FM 101.9, still "K-Moose"

Monophonic

CA Merced KDAT 106.3—no format; remove stereo listing and music; off the air "apparently for good. I'm told the owner pulled the plug when the losses kept rolling in month

after month."  
 FL Fort Myers WHEW 101.9, but assumed/  
 MI Auburn WAHS \*89.5, pr  
 NJ Trenton WNJT-FM \*88.1, still monophonic  
 OH Mansfield WYTN \*91.7—the only Family FM station known to be mono  
 TX San Angelo K215BH \*90.9; "bonafide commercial for a Christian music concert."

Format Changes

Formats are the same as in the "FM Atlas"

AL Atmore WYDH 105.9 rm  
 AZ Phoenix KPSN 96.9 rm, "Sunny"  
 AZ Tusayan KSGC 92.1 rm  
 AR Beebe KPIK 101.5 rm  
 AR Booneville KEZU 104.7 b, "EZ-105"  
 CA Barstow KXXZ 95.9 o, "96 Kix" (from "Kicks 96 FM")  
 CA Sacramento KXJZ \*88.9 jt  
 CO Brush KSIR 107.1 k  
 CO Durango KIQX 101.3 rm. "We are still adult contemporary—whatever that means!"



101.3 Durango  
 103.9 Pecos Springs  
 107.1 Farmington  
 FL Miami WLRN-FM \*91.3 cj  
 CO Lamar KSEC 93.3 k  
 DE Milford WXPZ 101.3 gr  
 FL Clearwater WMTX-FM 95.7 rm, "Mix"  
 FL Mayo WGSB \*89.5 g, "Southern Gospel"  
 FL Port Charlotte WEEJ 100.1 r, "rock/JAC"  
 FL St. Augustine WUVU 97.9 (moving from 97.7) b

GA Adel WDDQ 92.1 t, all ads, exclusively for motorists along I-75, and so far only advertising motels, restaurants and clothing store owned by John L. Williams, licensee. Legal according to FCC rules, but Preston Green, owner of a furniture store, says: "I feel like we have lost a valuable asset in our community by losing our FM radio station." Albany, Valdosta and Tifton stations report no increase in listeners or ad revenues from Adel. [(from "Magic 99")

GA Douglas WDMG-FM 99.5 r, "The Heat"/  
 GA Glennville WKIG-FM 106.3 rm  
 GA Wrens WAKB-FM 96.7 sr [subcarrier"  
 ID Twin Falls KBSW \*91.7 cj, "mono with no/  
 IL Arlington Heights WCBR-FM 92.7 p  
 IN Anderson WXXP 97.9 rm, "Experience 98"  
 IA Ankeny KMXD 106.3 b  
 IA Des Moines 107.5 no format; "rf" was to have



been on Sorenson's station, which grant was reversed by the FCC. Channel awarded to gay activist Rich Eychaner, facilities to 150 m (50000 h.y). "While Sorenson has lived in Des Moines longer than Eychaner, the FCC gave Eychaner the edge in civic activities."  
 IA Pella KDMG 103.3 p. "I've heard tapes of the station, and they are very close to what KRCY San Francisco was doing in 1986-87."  
 KY Carrollton WIKI 100.1 o, SMN Pure  
 MD Towson WTMD \*89.7 cj, classical/new age. "Not listed in phone book; downtown storefront office vacant."  
 MA Brockton WCAV 97.7 k  
 MI Lexington WBTI 96.9 r, "B-96.9"  
 MS Winona WONA-FM 96.7 k



MT Helena KBLL-FM 99.5 k  
 NJ Millville WBSS 97.3 sr, ID with Wildwood-Atlantic City (no longer with Vineland), still "Boss 97"  
 JM Artesia KTZA 92.9 k  
 NY Sodus WNNR 103.5 r, \$  
 NC Newport WKOT 103.3 r, "Cat"  
 OH Mansfield WVNO 106.1 r, "106-VNO"  
 OK Sand Springs-Tulsa KTOW-FM 102.3 s; AM was p, but not the FM. "There are now two s formats in Tulsa, the other being KBLK AM."  
 OR Baker City KKBC 95.3 k  
 OR Harbeck-Fruitdale KAJO-FM 98.3 m  
 OR Medford KOPE 103.5 nt, news/talk, mono  
 PA Allentown WAEB-FM 104.3 sr, ID with Easton-Bethlehem-Phillipsburg; drops "Laser 104.1," using calls now  
 PA Erie WMCE \*88.5 rp, still "C-Rock"  
 PA Greensburg WSSZ 107.1 op, classic rock  
 PA Grove City WRKU-FM 95.1 r, "95 K-Rock" (from "The Wolf," no longer simulcasting WNCN 106.1 Niles OH)  
 PA Pittsburgh WVTY 96.1 rm  
 PA Salladasburg WKHL-FM 95.5 r  
 TN Humboldt WZDQ 102.3 o, SMN Kool  
 TN Johnson City WQUT 101.5 r, dropping "QUT" nonID ["Magic 99" not strict  
 TX Brownwood KPSM 99.3 rm/ [ly 96"  
 TX Hooks KLLI 95.9 o, "Oldies 96" (from "Kel-/TX Mount Pleasant KPXI 100.7 r, still "X-100")  
 TX San Antonio KSRR 92.9 rm, "Star 93"  
 TX Uvalde KKXS 102.3 k, "Kix"  
 UT Brigham City KSOS 106.9 o  
 WA Medical Lake KAAR 95.3 gr  
 WA Pullman KRLF \*88.1 gr  
 WV Kingwood WFSP-FM 107.9 r, "AC-oldies"  
 WI Trempealeau WKBH-FM 105.5 op  
 ON Toronto CJEZ 97.3 m, "soft AC"  
 PE Charlottetown CHLQ 93.1 CRTC denied change from country to pop and soft rock, with the country to have moved to CFCY

PO Cap-aux-Meules CFIM 92.7 given a renewal only to Aug. 31, 1993, "because of failure to comply with Radio Regulations, for lack of logger tapes, for not providing a playlist, that its self-assessment was not consistent with the list of foreground programming broadcast and for several areas of noncompliance with its Promise of Performance"

**On Air (Selected)**

AL Tuscaloosa WTUG 92.9, having moved from 92.7  
 GA Augusta WFXA-FM 103.1, but its and AM's parent company, Davis Broadcasting, files for Chapter 11 bankruptcy protection; also owns WFXE 104.9 Columbus and WOKS AM. "We do not plan to sell or change any formats."  
 WZNY 105.7, "Sunny 105," now on with 100000 h y; 402 m, serving a 21-county area  
 KS Marysville KNDY-FM 103.1, now on with 9000 h y; 117 m  
 MA Boston WGBH \*89.7 with Robert J. Lurtsema's "Morning Pro Musica," also heard over ME public stations and WAMC \*90.3 Albany NY, celebrating its 20th anniversary. Lurtsema, 59, also has done remotes of his show from Tanglewood, complete with outdoor microphones to pick up bird songs.  
 NE Bassett KMNE-FM \*90.3 [NPR  
 NE NorthPlatte KPNE-FM \*91.7, both with/  
 OR The Dalles K224BX \*92.7, transmits from White Salmon WA  
 PQ Quebec CHOI 96.9, but CRTC nixes management agreement with its former AM, CHRC  
 BBC has published a "Proms 91 Concert Guide," available at £2.50, BBC World Service Mail Order, PO Box 76, Bush House, Strand, London, ENGLAND. "From the above, I found out that Radio New Zealand has a classical music service on FM called 'Concert Programme'."

**Off Air or Not Yet On**

AZ Phoenix \*89.5, two sharetimers, but Maricopa County Community College and AZ

Board of Regents working on a joint license. A 1982 opinion by the AZ attorney general suggests, however, that Maricopa might lack legislative authority to participate in a not-for-profit corporation. Parties have until Oct. 1, 1991, in which to explore alternative structures.  
 AR Stamps KZHE 100.5, still on 100.1  
 OK Broken Bow KKBI 106.1, still on 106.3  
 OR McMinnville K224BW \*92.7, but primary KBOO claims its site is Amity OR; expected on this fall  
 TX San Angelo KBIL-FM 92.9—and its 1420 AM KTEO-FM 93.9, "storefront office vacant," but being sold to Criswell of Dallas  
 VA Orange WJMA-FM 98.9, still on 96.7 and simulcasting AM 1340 [on by now  
 WA Bellingham KZAZ \*91.7—was to have been/

**Deletions**

AR Texarkana K244BE 96.7 (had KXAR-FM; now on K224BZ Texarkana TX)  
 CA Big Pine K228CV 93.5 (see "New," above)  
 CA Redlands KVCR-1 \*91.9  
 CA Willow Creek K204BL \*88.7  
 CO Colorado Springs KAFA \*104.5 (because of new Pueblo grant)  
 IL Blue Island WRBI 94.3, in 1948. "I bought this station and it was profitable, but was not told there was a mortgage on the equipment. Andrew Corp. wanted to foreclose to get its antenna back, so I walked away from it. The people who sold me the station were very dishonest. . . Santucci, another Chicago pioneer, is wanting to sell WTAS 102.3 Crete and retire."  
 MN Albert Lea K280BQ \*103.9  
 MN St. Charles K224AI 92.7  
 MN Sleepy Eye KSEB 107.3, "construction permit cancelled and call sign deleted"  
 TX Brownwood K237BD 95.3, unbuild CP  
 TX Comanche K224BF 92.7, unbuild CP  
 TX Granbury K269CR 101.7, unbuild CP  
 TX Mount Pleasant K221CF 92.1; never built  
 TX San Angelo K261BI 100.1, was licensed K292CJ 106.3  
 TX Stephenville K228BY 93.5, unbuild CP  
 PQ Baie-Comeau CKDO 92.5, "after unsuccessful efforts to establish the FM"; continuing service on CHLC 580 AM.

**FMistakes, FMedia! July; FM Atlas-13**

CA Delano KDNO 98.5 frequency misprinted, p. 2, col. 1 [4, col. 3  
 MN St. Louis Park K288DE was on 105.5, p./  
 MN Sauk Rapids \*95.9 calls to be K240--, not "K250--," p. 1, col. 1  
 MT Circle K292BJ 106.3 omitted p. 138 (KTYZ-FM 92.7 Wolf Point translator)  
 NY Tupper Lake W219AU \*91.7 (WSLU 89.5 Canton)—on map, but not on p. 139 listing

**SCServices + TV-SAP**

*Symbols are as in the "FM Atlas"*

CA Berkeley KPFA \*94.1: "Your July, 1991, issue correctly assumes that KPFA kept their reading service for the blind at 67 kHz," but adds tX, 92 kHz, Interactive Network, Inc.  
 CA Los Angeles KBIG 104.3 tE, 92, Japanese music (retains tX, 67) [(tR, 92)  
 CA Modesto KBEE 103.3 tX, 67 (not tM);  
 CA Sacramento



**INTERACTIVE NETWORK**

KOPT 100.5 tX, 92 (from tY); also on KXPR \*90.9's 92. Interactive Network, a television game company in Mountain View CA, broadcasting data over SCAs at 9.6 Kb/s. These data allow customers to play along with TV programs in real time. "You guess the correct answer in Jeopardy, predict the next play in Football or Baseball, etc. A hand-held unit keeps track of your score for each game. At the end of a contest, you register your score via a telephone modem and compete with other hand-held units." The units get their signals from local SCStations; in areas where SCS reception is poor the TV-VBI can be used to activate an infrared signal to the control unit. So far it's on only in Sacramento and San Francisco. It

can also be used to answer questions on the news take part in surveys. Company headed by David B. Lockton, who has a background in SCS data at DataSpeed. Basic subscribing price is \$15/month, with competitive play options adding another 50¢ to \$2 per program. Investors include NBC, United Artists, A. C. Nielsen and Rainbow Programming Enterprises (cable), who have plunked down some \$9.1 million on the project. IN has received patent No. 5,013,038 for the scoring system for its games and polling system.

CA San Francisco KSAN 94.9 tX, 92 (was tY)  
 CA Santa Clara KARA 105.7 tX, 67  
 CA Woodland KSFM 102.5 tX, 67 (tE, 92); all three Interactive Network

DC Washington WAMU \*88.5 tZ, 67; tE, 92, Korean American Broadcasting Network. "I am the lawyer for the plaintiff, on the 92 kHz of WPGC-FM Morningside Heights MD, suing because K.A.B. is dumping receivers on the market. They are tunable and they have advertised in the Korean press that you don't have to rent a radio; buy one from us."

IN Lowell WZVN 107.1, buying some SCAdapters and thinking of experimenting with 67 or 92 kHz [weather on itsSAP

MD Annapolis WMPT \*22 has the NOAA/  
 MD Morningside WPGC-FM 95.5 tZ, Data Broadcasting Corp., 67; tE, 92 (Korean)

MN Minneapolis KBEM \*88.5 tD, 57, to be testing the RDSsystem in connection with Metro Traffic Management—a three-year project

NY Schenectady WMHT-FM \*89.1, responding to a budget crisis, in which co-owned WMHX (TV-45) was taken off the air, will reduce expenditures for RISE reading service, and looking for a company to underwrite such radios. WMHT-FM will, however, retain its all-night programming and there will be no staff firings.

OR Portland—AT&E declares bankruptcy; future of its on-air paging using a wristwatch unclear. Its stock delisted from the American Stock Exchange July 19; it had been selling as high as 23 5/8 in July, 1990, but recently was under \$1. Meanwhile, Cue Network Corp. of Irvine CA mulling a second FM-SCS network dedicated to alphanumeric messaging, and designed for the RDSsystem of Europe at 57 khz. Its display is on a two-line screen, using a receiver from Nokia in Finland, expected to be ready in commercial quantities in three months.

TX Corpus Christi KLTG 96.5 no SCS (had tM) "You do a very fine job collecting and presenting this data in a very concise, accurate manner. . . I am sending under separate cover one of our press kits to let you know of just one more use for SCA. . ."

**NonIDs in Use**

*Mentioned usually without calls; "strict" if a station only uses call letters once per hour as required by the FCC (at or near top of the hour)*

AR Ashdown KHSP-FM 103.9 Spirit 103.9  
 FL Silver Springs W/WGO 95.5 Go 95.5  
 GA Athens WMSL \*88.9 FM-89  
 IA Cresco KCZY 102.3 and Osage KCZQ 92.7 both "Super C," and sometimes duplicating each other; KCZQ used to be "Z-93"

LA Varnado WBOX-FM 92.7 B-92  
 MD Baltimore WMMX 106.5 Mix 106.5 or "Mix 106." No longer using false calls, "WMIX," with legal ID once or twice per hour given at reduced volume and "almost muffled."

MD Grasonville WHVY 103.1 Baltimore's New Rock 103.1

MS Fayette WTYJ 97.7 T-97

MS Starkville WMXU 106.1 Mix 106

NJ Atlantic City WFGP-FM 96.9 Lite 96.9 (from "FM 97") [calls, not "100-ZXL"]  
 NJ Wildwood WZXL 100.7 uses/ [93]  
 NY Wellsville WJQZ 93.5 93-JQZ (from "Magic/  
 NC Newport WKQT 103.3 Cat ["Wave"]  
 OH Elyria WNWV 107.3 Cool FM (from "The/  
 OK Taft KHJM 100.3 KHJ and "Boss Radio"  
 PA Coudersport WFRM-FM 96.7, St. Marys  
 WKBI-FM 94.3 and Smethport WQRM  
 106.3, all "The Rocket"  
 SC Hilton Head Island WFXH 106.1 Fox 106.1  
 TN Chattanooga WDDO-FM 96.5 Country 96.5  
 (from "96-FM")  
 TX Atlanta KPYN 99.3 Capon 99.3 FM (although  
 one reporter contends it is "K-Pine") [(strict)  
 TX Fredericksburg KONO-FM 101.1 Kono 101/  
 TX Sulphur Springs KDXE 95.9 Dixie Country  
 96 (from "Dixie 96")  
 TX Winfield KALK 97.7 K-Lake 97.7; ID with  
 Winfield-Mount Pleasant-Pittsburg; still a  
 Class A-CP for 150 m, 50000 h/v not on  
 VA Cape Charles WKSX 96.1 Touch FM, still sr  
 VA Richmond WVGQ 106.5 Oldies 106  
 VA Warrenton WMJR 107.7 Oldies 107.7  
 WI Appleton WAPL 105.7 The Rockin' Apple  
 (not to be confused with what it sounds like,  
 "The Rotten Apple") [from "FM-96"]  
 WI La Crosse WSPL 95.7 Mix 96 (not strict:/  
 DF Mexico XEOY-FM 89.7 El Sonido de  
 Conciertos, ochenta noventa, punto seiete  
 megaciclos (strict)  
 HXSON 100.9 Rock ciento y uno (strict)

**Multi-City IDs in Use**

MO Seligman KESE 93.3 with Joplin-Fayette/  
 NC Greensboro WKSI 98.7 with Winston-Salem-  
 High Point-Greensboro, "98.7 Kiss FM"  
 NC Winston-Salem WKZL 107.5 with High  
 Point-Greensboro, no "Hits Plus" non-ID  
 TX Texarkana-Shreveport LA KTAL-FM 98.1  
 adds Longview-Marshall TX, still "98 Rocks"

**AM Happenings Most Likely Caused by FM**

AZ Circuit Research Labs announces that the Las Vegas NAB probably was the last show at which its AM stereo will be displayed. "It takes up too much room which could be better used to show things people are interested in."  
 CO Cortez KISZ 740 AM sold to KRTZ (FM), 98.7, subject to FCC approval. "They will move their FM to the current KISZ-AM-FM studios in



2402 East Main • P.O. Box 740  
 Cortez, Colorado 81321

Cortez—and we will be relocating the KISZ-FM 97.9 operation to Farmington NM" some time after mid-September.

GA Atlanta WSB 750 the only AM to make it into the top 10 (at No. 8), Spring, Arbitron. Meanwhile, Ring Radio Corp., owner of WCNN AM 680 North Atlanta GA and WALR 104.7 Athens-Atlanta files for Chapter 11 bankruptcy protection, citing assets of \$14.3 million and \$27.8 million in liabilities.

GA Thomasville WSST 730 silent: "This is the

station that MTV gave away to a viewer last year in a contest. Perhaps there is a connection between that and the station's current status!"  
 MA Boston WILD 1090: "I take exception to your report that this station is 'having difficulty carving a niche for itself with urban'. . . I think WILD is a rare example of an AM staying alive in a competitive major market with a music format, and a daytimer at that! . . . Reports are that they will soon have an FM in Boston."  
 MI Grand Rapids WMAX 1480 has dropped its religious format of the past 11 years and taken up a fulltime relay of CNN Headline News. "The only Grand Raids AM left in the 'g' format is WFUR 1570, which largely simulcasts WFUR-FM 102.9. With the proliferation of gospel FM stations here (WFUR-FM, WCSG \*91.3, WGNR \*88.9/WGNB \*89.3, WJQK 99.3), religious AMs have found their audiences defecting to FM. WMAX hasn't showed up in the ratings in at least two years, maybe longer, while WCSG gets around a 5 share (Birch), WFUR-FM a 2-3 share and even WJQK gets around a 1 share, even though it's a Class A located 20 miles outside of Grand Rapids."  
 MN Minneapolis KUOM \*770 will be going student, with 20-25 employees of the former public station laid off. The U. of MN pulled the financial plug from this station, unable to attract much audience against public FMs in the market. Students operate commercial WMMR, a carrier-current station, and KUOM would become commercial.

NH Manchester WFEA 1370 now oldies by day, talk at night, while WKBR 1250 remains silent.  
 NY Albany market. Talk stations WGY 810 and WQBK 1300 lost audience in the spring report from Birch/Scarborough.

NY Cornwall-on-Hudson WARW 1170 silent.  
 NY North Syracuse WXRA finally moves from 1220 to 1200, 1 kw, but "with more background noise than when on 1220. [It] seems fruitless to call the station and ask for the engineer."  
 Running a promo that it will soon be "All News Radio," which format 1220 AM had in 1974 and which was not successful. Also hinting at all news: WHEN 620 AM.

NY Syracuse WOLF 1490 no longer simulcasting WNYR 98.5 Waterloo NY, a "darkie" station, programming to blacks. "My guess is that the Syracuse market could not support a black-oriented station—over the years others have tried on a parttime basis."

OR Gresham KKGR goes off the air "because of financial problems." Gregg Clapper bought it 2½ years ago, but owed \$71,000 and missed a June payment deadline. "This is the second time in five years the 1230 frequency has gone dark. The first time was 1987 as KRDR."

OR Portland KESI 970 (was KBBT), now modern/alternative rock.

KVJJ 1080 goes full simuclast with 99.5 FM.  
 WA Lakeland-Tacoma KTZN 1480 confirmed off: "Has asked the FCC for temporary permission to remain off the air."

WA Seattle KVJ 570 still oldies, but adds daytime talk.

After giving it a serious go for about one year, the "Seattle Radio Guide" has "sadly folded.

The May, 1991, issue was the last. It's too bad more advertisers couldn't have been attracted to support such a publication. . . A nice try nonetheless—it will be missed!"

"I agree with your reporter regarding Seattle AMs being mere clones of their FMs. Seattle radio in general is pretty boring. . . Thank God for university/community stations."

USA—Kraco's ETR-1084, which had AM stereo continues, but in a version that excludes that feature, just "a little N/A in the AM stereo separation column."

BC Vancouver CKLG 730 going more to pop-top 40 now that CKZZ, Zed 95.3, is on the air.

CHQM 1320 drops easy listening after 31 years ("FM is still b"), "and goes fulltime nostalgia to compete with CIMA 1040 for the large amount of retirees migrating to southwest BC."

ON Brampton CIAO to move from 790 to 530, after CJFT vacates 530 at Fort Erie in favor of 101.1 FM, which it now simulcasts. Ethnic CIAO to reduce power to 1000 watts day, 250 night and improve coverage. Move was to resolve "long standing technical" problem at CIAO, which had operated from an inefficient 11-tower site on 142 acres.

PQ Lac Etchemin CIRB 1240 deleted at request of licensee, Radio Beauce, Inc. Its CKRB Saint-George (1460) given a short-term renewal to Aug. 31, 1994, because of incomplete logger tapes and noncompliance with the level of French-language popular music.

PQ Saint Hyacinthe CKBS 1240 deletes, keeping CFEI 106.5 on the air. "It had been unsuccessful in efforts to revive the AM station."

PQ Victoriaville CFDA 1380 granted a reduction in local programming from 69½ hours to 44 hours, 12 minutes a week.

CANADA (province unknown) Yoho Natinal Park CBPX and CBBY (AM), frequencies unknown, returned their licenses, with the transmitters not to go on the air.

ITALY—"Antenna 2000" 1512 kHz "is no longer received."

**FM Rulemakings Proposed**

First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed

LA Tallulah 104.5C3 for 104.9A, KBYO-FM, Sept. 6, 23  
 MN Brainerd 103.5A, Sept. 9, 24  
 MS Bay St. Louis (from Poplarville) 107.9C, WZKX. FCC requires further comment from interested parties, Sept. 9, 24.  
 MO Charleston 106.1C2 for A, KWKZ, but not changing until KMIS-FM 106.3 moves to 106.5 at New Madrid MO; Sept. 9, 24  
 SC Edisto Beach 93.7A, Toni T. Rinehart counterproposal  
 SC Kiawah Island (from Moncks Corner) 105.5C2 for A, WJYQ, counterproposal  
 SC Liberty Hill 98.3A by Jeffrey C. Sigmon, Aug. 30, Sept. 16 [16, Oct. 1  
 TX Bishop 107.7C3 for 107.1A, KFLZ, Sept./  
 TX Corpus Christi 94.7C2 for A, KBSO, site to be 15 km west to avoid short-spacings to three TX stations; Sept. 3, 18  
 TX Kurten 96.9A, Sept. 6, 23  
 TX San Angelo 106.1A, Cary Fitch, Sept. 3, 18  
 WA Camas 94.7C3 for A, KMUZ, site to be 19 km E., Sept. 9, 24 [Aug. 30, Sept. 16  
 WA Royal City 96.3C3, Jon Bruce Thoen,/ WI Birmamwood 94.3A counterproposal  
 WI Brillion 107.5C3 for A, WEZR, Sept. 16, Oct. 1 [counterproposal  
 WI Reedsburg 102.9A, the Bests'/

**FM Rulemakings Finalized**

*Dates are when FCC filing windows are open*

- AZ Aguila—denied Michael R. Hagans' 96.3A bid, finding Aguila is not a community for allocations purposes
- AR Osceola 107.3A Sept. 9-Oct. 9, site to be 3.4 km NE to avoid short-spacings with two other stations.
- CA Chico 92.7A (rather than the 107.1A requested by Eric R. Hilding), Aug. 27-Sept. 27. This allotment possible because KCHH is moving from 92.7 to 103.5B1, Paradise CA.
- CA Kings Beach 107.7C3 for A, KBCH-FM
- CA Shingletown 105.3C2 from Chester, KRKQ
- FL Edgewater 93.1C3 for A, WEDG
- FL Live Oak 98.1C1 for C2, WQHL-FM, correcting earlier FCC error
- FL West Palm Beach 92.1C3 for A, WNGS, site to be 11.6 km N. to avoid a short spacing to WZZR 92.7C2 Stuart FL
- HI Lanai City 104.7C for A, KONI
- IL Mount Sterling 106.7B1, site to be 14.4 km SW to avoid short-spacings with two IL stations, Aug. 27-Sept. 26
- IL Newton 103.5B1 for A, WIKK, site to be 10 km NW because of two IL and one IN stations
- IA Britt 99.5A, site to be 7.3 km W to avoid short-spacings to KXGA Eldora IA and \*KSJN Minneapolis, Aug. 26-Sept. 25
- IA Eagle Grove 106.7C3, Sept. 6-Oct. 7
- IA Eldon 104.3C3, site 7.6 km S. to avoid a KTOF Cedar Rapids short-spacing, Sept. 10-Oct. 10
- IA Milford 102.1C2, 3 km NW due to KAYL-FM 101.5C1 Storm Lake, Sept. 6-Oct. 7
- KS Herington 105.7C3 for A, KDMM
- ME Bar Harbor 107.7B1, Aug. 16-Sept. 16
- ME Skowhegan 107.9C3 for A, WHQO
- MI Bronson \*94.7A, Spring Arbor College, in the commercial band because WLNS (TV-6) Lansing has for years successfully opposed public FM development in MI on the 88-92 part of the band; no filing window
- MI Pentwater 93.1C3 for A, WSAB [KQLW
- MN Lake City 102.5C3 for Wabasha 102.5A / MS Byhalia 94.9A (from Holly Springs), WHLE
- MO Houston 99.3C2 for A, KUNQ
- MO New Madrid 106.5C2 for 106.3A at Portageville, KMIS-FM, from present site
- MO Thayer 92.3A for 99.3A, site to be 5.6 km E. because of KKOZ-FM 92.3A Ava MO, Sept. 9-Oct. 10
- MO Warrenton 99.9C3 for A, KFAV, but must wait for KJMO 100.1 Jefferson City to get a new C2 site and KLRK Vandalia MO to move to 104.3A
- MT Kaispell 106.3A, Aug. 27-Sept. 26
- MT Missoula 100.1C1 for C3, KZOO
- NV Fallon 101.3A, Sept. 3-Oct. 3
- NV Jackpot—dismissed Dale A. Ganske's 98.5A bid, with FCC finding it not to be a "community" [KMXQ moving to 104.7C
- NM Socorro 92.9A, Sept. 4-Oct. 4, with/ NC Fairmont 100.9C2 for A, WSTS
- NC Saint Pauls 107.3A for 106.9A site to be 6.7 km SE, applied for by Lumbee Regional Development Assn.
- NC Southern Pines 106.9C2 for 107.1A, WIOZ. Dismissed WCLN-FM's bid for 106.9C2 for 107.1A at Clinton.
- OR Bend 105.7C1 for C2, KOAK
- OR Cottage Grove 105.5A, site 7.7 km SW to avoid a short spacing to Bend 105.7C1
- OR Reedsport 99.5A, Sept. 6-Oct. 7
- PA Boalsburg 93.7A from 92.9A, WVVCV
- PA Clearfield 93.1B1 from 93.5A, WQYX
- PA Duncansville dismissed 93.1A counterproposal
- PA Jersey Shore 96.3B1 for 93.5A, WJSA-FM
- PA Laporte 103.9A, Aug. 27-Sept. 26
- PA Lewisburg 103.7A from 92.9A, WUNS
- PA Mill Hall 98.7A, Aug. 27-Sept. 26
- PA Muncy 93.3B1 from 103.9A, WHTO
- PA Renovo 106.9A (from 93.1A), WMHU
- PA St. Marys 93.9B1 for 94.3A, WKBI-FM
- PA Tioga 94.7A, from 93.3A, WPHD

- SC Andrews 100.7A for 100.9A, WGTN-FM
- SC Charleston 100.5C2 for 100.7A, WSUY
- SC Chesterfield 107.3A, Sept. 3-Oct. 3
- SC Elloree 100.3C3 for A, WMNY-FM
- SD Canton 102.7C2 for A, KIXK, site to be 20 1/2 km N.
- WI Chetek 106.7C2, site 2 km E. because of WIXK-FM 107.1C2 New Richmond WI, Aug. 27-Sept. 26
- WI Ladysmith 93.1A for 92.7A, WLDY-FM, removing a short-spacing to stations in Neillsville and Tomahawk

**FCC Probes Hoax, Demands KROQ-FM Documents**

The FCC received some information on the hoax broadcast from KROQ-FM 106.7 Pasadena CA, but is demanding more, subpoenaing books, papers, correspondence, memos and other records which the station may have. It also expects to call witnesses—all having to do with the case of the caller to a show who claimed to have murdered his girlfriend (see June, p. 5; May, p. 6). The FCC, however, says the investigation will be closed to the public and the media. And more problems have come up for Infinity, KROQ-FM licensee. The station rented a billboard in La Crescenta showing Moses carrying the Ten Commandments, with the caption above the crowd saying, "No thanks. We listen to Jed the Fish." Vandals then came and painted the fish symbol and phrase, "Jesus will Judge" over the sign. Local church people weren't happy with the billboard, or with the graffiti. *M Street Journal* wonders "if radio must put down people and their beliefs to make a share and a sale."

The NAB warns that broadcasters must be aware of their legal responsibilities when it comes to hoaxes. "Management should periodically review on-air programming guidelines with station personnel and be aware of current FCC policies that apply to hoaxes. The FCC prohibits broadcasting false, misleading, or deceptive programming. Additionally, licensees cannot intentionally stage news broadcasts. The FCC is considering adopting a formal rule to prohibit on-air hoaxes." Presently, the FCC can take only one of two actions in hoax cases: issue a letter of admonition or move to suspend or revoke a station license. Adopting a rule would allow the FCC to fine stations.

**FCC Nails Two FMs For Main Studio Violations**

Two FM stations were recently hit by the FCC for not operating studios in their cities of license. WRSF 105.7 Columbia NC was found to have its studio in Nags Head NC, and of course it took a competitor to call this to the Commission's attention, with WRSF ordered to bring its Columbia studio up to a fulltime level, and to show within 30 days the steps it has taken to fulfill that requirement. Similarly, WOBG-FM 105.7 Salem WV was found to have entered into a lease

with WOBG AM Clarksburg WV, with studios effectively only in Clarksburg, and that an unauthorized transfer of control took place. WOBG-FM was fined \$10,000.

A minimum studio staffing is considered to be at least two fulltime employees or their equivalent. This is a change from 1988, when the FCC relaxed its studio requirements, when all that was required was "a local presence in the community." WRSF said it had a fulltime office manager in Columbia and two other full-time employees who "spend time" at that studio, but the FCC said that was not good enough. WRSF has indicated it will appeal the FCC ruling.

**Small-Print Happenings and FM Industry News**

The "morning zoo" of Don Geronimo and Mike O'Meara on WAVA 105.1 Arlington VA have fetched a \$15 million lawsuit. They are alleged to have slandered Carol Sewell, an agent for actor Leslie Nielsen, because Sewell was unable to produce Nielsen for an on-air interview. According to a local newspaper, they used such antics as accusing Sewell of having "canine maternal heritage."

New York-based National Black Network has shut down its hourly news operation and laid off about 20 staffers. It will concentrate on nighttime talk programming, leaving Sheridan Broadcasting Network the only provider of black-oriented hourly casts.

One group thinking of offering network news is the National Federation of Community Broadcasters. Now 15 years old, it is looking to develop "a national high-profile but flexible [morning] news program." NFCB has long talked about such an undertaking. The independent style of community stations has discouraged national production. Probably the closest thing to that is Pacifica's daily half hour newscast, which airs nationally at 4:30 p.m. Eastern time.

KUMD \*103.3 Duluth MN has decided to drop *All Things Considered* and *Morning Edition* by Oct. 1. It is looking into options for replacing the lost news programming, such as Pacifica and hiring a fulltime producer to beef up local production. Savings would be \$50,000, or \$74,719 if it were to dump National Public Radio entirely.

CBS announces it will buy WLTE 102.9 Minneapolis and WCCO AM and TV for \$200,000,000, including outlying TV and cable affiliates. CBS will ask for a waiver of the "one to a market" rule to permit it to own both TV and radio affiliates in the same market, and a waiver of FCC rules to allow it to own more than 12 FM stations. CBS owned WCCO (AM) in the 1940s, up to 1952. The FCC waived its "one to a market" rule to permit WSJU (TV 18) San Juan to International Broadcasting Corp., licensee of WVOZ-FM 107.7 Carolina PR. The waiver was granted because the TV was bankrupt and considered a "failed station."

New Jersey Public Network signs on WNJT-FM \*88.1 Trenton at a time when the public TV system in that state had a 52 percent budget cut. That may explain why the FM is monophonic and "is running at almost no cost." New Hampshire Public Radio in new studios—a 10,000-square foot facility in Concord; formerly WEVO \*89.1 was above a luncheonette.

Many public TVs are seeking funding for a Secondary Audio Program (SAP). WLAE (32) New Orleans asks the Public Telecommunications Facilities Program for \$20,492 to air a Spanish version of McNeil/Lehrer News Hour. Also requesting SAP funds are public TVs in Albuquerque, Austin TX, Binghamton NY "and elsewhere."

Ken Diebel called and said his KTJC Rayville LA is now on 92.3, having moved from 92.1, but still at Class A power. The new 150-m tower is built and will soon be spraying out its 26 kw, h&v (although Diebel claims it will be 50 kw).

The National Black Media Coalition and Gay and Lesbian Task Force are ganging up against most of Philadelphia's radio stations, asking the FCC not to renew their licenses. The groups demand that stations give 10 percent of their airtime to public affairs programming, carry a minimum of 1,500 public service spots each month and underwrite at least four documentaries each year. Stations filed against include WEAZ-FM 101.1, WMGK 102.9, WEGX 106.1, WHYY 90.9, while the following have agreed to the demands: WDAS-FM 105.3, WWDB 96.5 and WFLN 95.7. WEGX's David Noll contends that "Ten percent is a lot of time to turn over to public affairs programming, especially when they wanted some of our prime time—mornings and afternoons." Noll is also president of Pro Radio, a local trade association of radio stations.

As follow-up to June's report (p. 8) of Gustav Mahler and other composers not being heard, even on public stations, because his music does not fit into the trend to play short, breezy selections, there were several letters in the "New York Times." Warren G. Bodow, WQXR-FM general manager, said "Recognizable works by familiar composers and performers prove today to make the most enjoyable listening. To deny this reality is to risk serving next to no audience." Paul H. Silverstone writes: "Both WQXR and WNCN now play popular music under the guise of commercials. It is only recently that singing commercials have started on these stations. . . . When one of these commercials comes on, I either turn off the radio and put on a CD, or I will stop listening." And Rudolph H. Weingartner of Pittsburgh chimes in, mentioning his living in various cities and hearing KPFA Berkeley, WFMT Chicago and WQXR-FM and WNYC-FM New York: "Not only did I come to hear a large range of music on the radio, but I first heard there most of the records I bought through the years, including much dissonant and atonal music, now among the kinds that are banned from the airwaves. The radio has stopped being a stimulus to such impulse buying and I buy a lot less than I used to."

A small public station, KCSN \*88.5 Northridge CA, is entering the syndication game, offering "Classical Countdown," based on the top 40 or country countdown shows, and will offer new releases, artist interviews "and a little bit of fun." The program's producer is Rich Capparella.

KING-FM-AM Seattle sold to daughters of the station founder, Patsy Collins and Harriet Bullitt, and they intend to keep the FM's format classical and the AM news/talk. KING-TV has been sold along with other KING TV stations to the Providence Journal Co. Remaining to be sold: KYA 93.3 and AM San Francisco and KINK 101.9 and AM Portland OR. The sisters hope to keep using the KING call letters for the radio stations.

FCC sets KUCB \*89.3 Des Moines license renewal for hearing. Since established in 1979, KUCB "has operated sporadically, improperly, or not at all," without any FCC authorization to be silent. "Repeated inspections by the Commission's staff since 1979 have revealed a pattern of carelessness and inadvertence which raises questions as to whether the licensee was inept [and] this conduct constitutes an apparent willful and repeated violation of its rules." Also to be considered in the hearing is whether to award the license to competing applicants Iowa Acorn Broadcasting Corp. and/or Minority Communications, Inc.

Ryerson Radio in Toronto instructor Jerry Good, who is also general manager of CFMX-1 96.3, used 15 students to monitor the local radio scene. "We found the average CanCon for AM

during our survey was 28.6% and 23.6% for FM. Rock, progressive and top-40 stations had the best CanCon in both AM and FM, with most of the stations with those formats coming in at over 30%. The bad news is that most stations, regardless of format, did not spread their CanCon evenly over all day parts—drive time shifts were very light while midday and evening contained the bulk of the Canadian music programming." In popular music, Madonna's *Justify My Love* was the most repeated song, being played 14 times over only two stations during one day of monitoring by the students. One station that probably plays Madonna (who my children tell me is not a Christian singer!) is CKRA 96.3 Edmonton AB. It's not because of fixation on Madonna that CKRA is in trouble, but the station "broadcast commercials in excess of the daily maximum and failed to meet its foreground program commitment." I wonder how WDDQ 92.1 Adel GA, with its all-commercials format would fare in Canada? [See above, "Formats."]

Last year the CRTC asked for comments on changing the rules regarding alcoholic beverage advertising. The brewers' association then issued a constitutional challenge to the proposed rules, so the CRTC backed off and rationalized by saying that few comments supporting a change came anyway.

FCC Chairman Al Sikes, speaking before the Senate subcommittee on communications, mentioned how the "public interest" standard under the 1934 Communications Act came into being when there were relatively few radio stations. The FCC and courts have interpreted it differently through the years, and in the meantime television and FM have developed offering a diversity of media voices. Despite "deregulation" there are still obligations affecting radio, including political access and selling to candidates ads at the "lowest unit rate," emergency broadcasting and other obligations, such as sponsorship identification, contests and lotteries' rules.

Sikes favors relaxing rules to allow broadcasters to set their own policies based on market needs. "This approach is consistent with American free enterprise principles [which] is most consistent with fundamental First Amendment values as well. . . . In the final analysis, it is broadcasting's ability to compete successfully in the market—not just to satisfy FCC regulations—which is an important measure of the industry's performance in the public interest." But the FCC needs to stand by to "enforce specific program-related rules—those governing indecent and obscene broadcasts, for example, or children's broadcasts."

As part of its re-regulation efforts, the FCC has launched an inquiry into possible changes in the Emergency Broadcast System (EBS). The FCC is interested in knowing if there is a need for updating the alerting system through more modern equipment. Mentioned is the RDS system, operating at an FM-SCS frequency of 57 kHz, which might be able to provide all the functions asked for in an improved EBS, but is "applicable only to FM broadcast stations." The FCC feels the concepts of RDS should be extended to both TV and AM stations. Comments on this proposal will be accepted by the FCC by Dec. 31, and reply comments by Feb. 14, 1992. To file formally, participants must file an original and five copies of all materials; if each commissioner is to receive a copy then an original and nine copies must be sent to the Secretary, FCC, Washington DC 20554.

Stations fined: WSVS-FM-AM's former licensee, Southern Virginia Broadcasting Corp., \$15,000 "for repeated failures to comply with the Commission's affirmative action provisions" at the Crewe stations. WAVF 96.1 Hanahan SC \$13,000 and short term renewal to Aug. 1, 1993, for EEO violations. That station hired no minorities, even though it's in a market having 30% minority population. WIBZ 99.3 Wedgefield

was renewed unconditionally, despite the SC branch of the NAACP filing against it and WAVF. The FCC conceded that, "although improvement was needed with respect to record keeping," WIBZ engaged in minority recruitment efforts which resulted in referrals and hires.

TX Midland KBAT 93.3 hit with a \$10,000 fine for fraudulent contests, "Triple Cash Tracks/Triple Tracks" and "Bat Flight to Las Vegas." There was to be a \$1,000 prize awarded, but that figure was later dropped and "no mention is found anywhere in the information provided [by KBAT] that announcements discontinuing the availability of \$1,000 cash prizes were aired."

The NAB is asking the FCC to reconsider its recent decision to grant a "pioneer preference" to innovators who seek out new uses of the radio spectrum. The NAB, however, said it could live with a policy which provides a preference that provides "at best a weighted—not decisive—factor in the licensing process."

WCNN (AM) North Atlanta (see "AM Happenings," above) and WALR Athens-Atlanta, probably to overcome the handicap of bankruptcy protection, have signed an agreement with WKLS 96.1, which will represent all local and national sales for Ring Radio Corp. Billed as "The Atlanta Trombo," spots can be bought individually or on all three stations.

The first national private FM license, or network, in Great Britain, went to First National Radio, which will use the handle, "The Showtime Station." FNR beat out three other applicants for the eight-year commercial license. The license will cost £.75 million. The new service is slated to begin the summer of 1992.

FCC clarifies what is legal in "low power" operation. Maximum power for unlicensed operation is .01 microwatt, limiting a 250 microvolt/meter signal to three meters, or an "approximate maximum coverage radius of 200 feet." This would cover wireless mikes and similar devices. Licensed stations face a 100 watt minimum, with a 6-km minimum radius, while FM translators can have a maximum power of 250 watts, with no minimum coverage mentioned. No minimum hours are mentioned, except "licensee is expected to provide dependable service to the extent possible. IMPORTANT: It is not permissible to use translators or boosters to transmit original program material. They may only be used to enhance the signals of licensed stations." Licensed FM stations must maintain a minimum schedule of 2/3 of total hours they're authorized to operate between 6 a.m. and 6 p.m. and 2/3 of the hours they are authorized to operate between 6 p.m. and midnight. Noncommercial FMs must keep a schedule of 36 hours a week, "consisting of at least five hours per day for at least six days of the week." School stations can be silent Saturday and Sunday and holidays. KCNT \*88.1 Hastings NE is about at that minimum, on only 8 a.m. to 4 p.m. school days, and even a shorter schedule during the summer schedule—possibly not even coming to 36 hours per week.

Radio is a great medium for public issue ads, according to the NAB. The American Petroleum Institute, for example, furthered its corporate interests by fighting tighter auto emission standards. The institute spent \$200,000 on "hundreds of radio stations with audiences heavily skewed to 35+ males." It found drive-time radio a "terrifically effective buy and very inexpensive." The NAB reminds stations that associations who do advertising buying are not all in Washington DC; many are in state capitals.

Religious Broadcasting had a feature in July/August on Don League, announcer at WCIF \*106.3 Melbourne FL, who happens to be blind. I've talked to Don several times, including when he worked at WYFL 92.5 Henderson NC, and he takes along on his travels a modified FM radio, which gets the local radio reading SCS Service(s).

FCC totals as of June 30: AM radio 4988, FM 4470 (commercial), FM educational 1466; there were 1861 FM translators and boosters licensed.

Not included: a flock of not-yet-on-air construction permits.

From the classifieds: M Street 1991 Directory now shipping. This directory has a new feature, former call letters of the last two years. This 670-pp. book can be yours for \$34.95 including postage from "M Street," PO Box 3568, Alexandria VA 22302. I use it almost every day for its excellent listing of FM-AM station call letters.

Needs a schematic or technical manual for a Keith Anderson model T-99 1-watt FM translator. Dan Kelley, KISZ-FM, PO Box 740, Cortez CO 81321; (303) 565-1212.

Wanted: FM radios, boomboxes, table models, large portables, working order, for modification for blind people to get subchannel radio reading service. Looking for donations or willing to pay low price. B. Elving, 241 Anderson Road, Esko MN 55733; (218) 879-7676.

General manager for new Christian C1 in SW KS. Looking for a person with fundraising skills, broadcast and management experience. Resume to Great Plains Christian Radio, PO Box 991, Meade KS 67864.

General manager: WORT \*89.9 Madison WI. Ability to get along with others, experience in budget, fundraising and management a must, \$20,000 to \$23,000 plus insurance benefits. Resume to Search Committee, WORT, 118 S. Bedford St., Madison WI 53703. EOE.

**Why Not a WGN-FM? by Howard Enstrom**

For over 65 years, the Chicago newspaper, through various subsidiaries, has operated prestigious WGN ("World's Greatest Newspaper") with 50,000 watts on 720 kHz. Tribune publishing and broadcasting was headed by Col. Robert McCormack, a gentleman of English background. During the 1940s, WGNB was among the first of Chicago FM stations. Cultural interests were reflected by WGNB's programming, which included, of all things on FM, a weekly live performance by the WGN Symphony Orchestra, conducted by Henry Webber. Songstress Marion Clair was featured, along with a short sputtering talk by the distinguished Colonel.

Since the beginning, WGN's chief engineer was Carl Meyers, the award-winning broadcasting pioneer, also known for his early work in developing radio communications for the Chicago Police Department. [Radio buffs in those days would remove turns from coils to receive base stations WPDC and WPDB and hear "Attention all units, be on the lookout for a black 1934. . ."] Meyers was senior VP of WGN Continental when I was there, in management, during the 1960s.

One afternoon, in Carl's office, I remarked about the mistake in taking WGNB off the air. The usually affable man's eyes widened and his mouth tightened registering bitterness. I felt that intensity of his reaction when I heard, "I don't want to talk about it." Later, I was to learn that Marion Clair, wife of Henry Webber, and daughter of the Colonial, had been the temperamental general manager of WGNB. To Carl Meyers, FM was anonymous with the most miserable of experiences in his career.

Carl Meyers is gone now, and it is well known that Tribune Broadcasting would like very much to again own a Chicago FM station.

**Consultants Come to Local Folks**

**FM FORUM**

**CONTRIBUTIONS FROM READERS**

Two readers sent word that WAWZ \*99.1 Zarephath NJ had its bid to put up a 115-meter tower denied by the local town board. The station has been trying to build the tower since Dec., 1987. The tower was rejected because although the church and station are religious and civic, space on the tower would be rented for commercial users. The board also found that "The noncommercial benefits of a new tower were persuasively challenged by expert proofs that neither the reach nor the clarity of plaintiff's existing signal would be enhanced." WAWZ plans to apply for a variance, this time to build a tower not including repeater antennas that would be leased for commercial use. The station wants a higher tower to prevent interference with its signal, and it could still reap commercial income by renting out its SCS at 67 and 92 kHz. Pillar of Fire Church is the centerpiece of Zarephath, a 90-resident Methodist community in Somerset County—the same denomination which owns pioneer Denver CO AM station KPOF 910.

"Apparently Augusta (GA) will be 'A to Z-ed' by Bible Broadcasting Network, Inc. (WYFA-FM 100.9 mhz in Waynesboro and WYFZ 92.3 in Evans are and will be able to cover Augusta). . . Peach State Public Radio has applied for CPs for stations in Brunswick GA (7 kw) and Fort Gaines GA (100 kw)," writes Walter Garrett, who sent an item about WABE \*90.1 Atlanta and public TV station WPBA being subject to a political study by consultants who are being paid \$50,000. One of the consultants is C. B. "Rik" Rogers, a WPBA-WABE advisory board member and former general manager of WVEE/WAOK radio. A similar study was done for the stations in 1989. A former employee, Lawrence Watkins, was paid \$7,500 for that study, "but neither the school system nor the stations have a record of ever receiving his report." WABE has just applied for an FM translator in Atlanta on \*107.9.

John Major, KCMA 92.1 Broken Arrow OK, sent highlights of his recent speech to the Concert Music Broadcasters Association (CMBA). In it he noted that commercial concert stations account for most of the listeners to the "c" format. He estimates 6,239,000 such listeners in 1990, 3,573,000 to commercial classical stations, or 57.3% of the total. Yet commercial stations account for only 50 of the 413 classical stations, or 12.1%. "In other words, classical music listeners seem to be four times as likely to listen to commercial as to noncommercial stations!" It is also a stable format with 16 stations doing it 40 years or more, 21 for 30 years, 25 for 20 years, 30 for 10 years and 20 less than 10 years. "Half the commercial classical music stations have been classical for 20 years or

more, and more than a quarter have remained classical for 40 years or more—surely an anomaly in commercial radio! Yet newcomers to the format within the past 10 years account for a healthy 40%. . . The longevity of the format and the years that many of us have dedicated to it show a commitment to our 'product' that other stations must envy. Norman Pellegrini of WFMT [Chicago] spoke for many of us when he remarked that we like to share with others the music we love, and radio offers us a way to do so. Unlike many stations, we sell advertising in order to be able to broadcast this music, instead of broadcasting music only to sell advertising.

"A programmer from the 'other' or noncommercial side—said 'part of our mission is to educate, and part is to entertain'. Of course, noncommercial stations are by definition 'educational'. But our job, our mission, in common with them, is simply to play classical music—to share it with others. Whether it is education or entertainment is splitting hairs—hopefully, it is a little of each. And there is no argument that a heavy dose of atonal, avant-garde, dissonant, or experimental music will drive away listeners. But how can new composers and new performers be heard? One solution is a regular program devoted to new music: listeners who don't like it know when to stay away and the faithful fans know when to tune in. Classical music radio has always made strange bedfellows. Some stations sound more pop than the poppest rocker, others more pious than our religious brethren. Some show a rare respect for the taste and intelligence of the listener, while others are indistinguishable from the mass-appeal stations except for the music they play. Fortunately, there is room for all. The richness of classical music radio lies in its diversity, just as the richness of radio lies in its diversity." Major is past president of the CMBA, an organization celebrating its 21st anniversary this year, and representing some 50 commercial classical music stations. New president is Catherine Meley, general manager, WGMS-FM 103.5 Washington DC. They've also come out with a 1991 CMBA directory; copies can be had from CMBA at 126 E. 26 Place, Tulsa OK 74114-2422 for a No. 10 envelope and 52¢ postage.

An article Chuck Gysi wrote in the Burlington IA paper, "Consultants Searching for FM Applicants," mentioned how lawyers and consultants around the country have flooded the Hawk Eye newspaper seeking applicants they can represent for the new 103.1C3 allocation. "All the news releases state that the lawyers or broadcast consultants 'help' people obtain radio station licenses. But, then all you need is money."

Gysi also sent a "New York Times" article (June 30) on too many radio stations, too few buyers. It pictured

Robert Neathery on the air in West Plains MO, where a time-share agreement has been in effect between KWPM AM (which also owns KSPQ 93.9) and KGAR 100.3 Willow Springs MO. "Under the deal, Mr. Neathery's AM station obtained rights to almost all the airtime of a more powerful but struggling FM station, KGAR. . . KGAR [just happens to] be owned by Mr. Neathery's grandson, Bret R. Neathery. KGAR now serves as a robot transmitter for KWPM for all but a few hours on Sunday mornings when KGAR broadcasts religious programs."

WMHT-FM \*89.1 reached its recent on-air fund raising goal, with \$38,405 pledged from 510 callers. Such results probably weighed heavily in leaving WMHT-FM's schedule intact, while deciding to close its UHF channel (see "SCServices," Schenectady NY, above).

Having a gripe with your local FM station? Then you might be able to empathize with William F. Curley, 27, of Pittsfield MA. Curley was held on \$5,000 bail on charges of disorderly conduct, trespassing, malicious destruction of property and breaking glass in the building. He is accused of smashing two windows at the station and cracking the windshield of a station employee's car—the third time Curley has been charged with harassing WBEC-FM employees, and he is a suspect in four other WBEC-related incidents last spring, including a bomb threat to the station. Curley was not interviewed by the "Berkshire Eagle" for his reasons for taking vengeance against the station.

Dave Beauvais says he really enjoyed the historical material on W2XMN Alpine NJ, and he was curious about the reception reported to KALW San Francisco in 1947. I am not sure if one could attribute it to "double hop" or "enhanced F-layer" propagation, but the fact that reception was on the old 42-mz FM band increased the chances of the station "getting out."

Jim Trapani, JT Communications, 579 NE 44th Ave., Ocala FL 32671-1421, (904) 236-0744, sent information on his company's FM signal generator, for use at 88-108 mz. "The PLFM-100 is a phase-locked loop type FM compatible test and calibration generator, using DIP switches to select any FM frequency in 100 kHz increments. I think a signal generator could be used as a low power FM transmitter, meeting FCC requirements for limiting radiation (unless a high gain antenna is used for transmitting). Prices range from \$149.95 for a PC board assembled/tested to \$249.95 for the unit enclosed with a 12-volt plug-in power supply. For more information contact the company.

Want fan mail from the FCC? Well, your station may not have to wait long. The Milwaukee SBE newsletter mentions a mail audit coming from the FCC—an "inspection by mail" questionnaire. A station has only

15 days to fill out the questionnaire to describe in detail various aspects of the station's operation. "The section on chief operators requests copies of log entries from the past two months showing the required chief operator weekly inspection reports. There is a section on present operating parameters where you get to log every meter reading and show its calculated deviation from the licensed specs for every mode of operation. You are then asked about your antenna structures and lighting, including the date of the last time your tower was painted, whether the paint is peeling at any place on the tower, and if so, to what degree. Another question: How many times per minute does your top tower light flash? Next they want to know how high the fence is around your tower. Then, they close with 'Thank you for taking the time to complete the report'. As if it were voluntary. The FCC has said that they will not fine stations based on their answers; however, they also say that they will visit one of the stations selected for a mail inspection less than 20 days after the form is returned to 'double check' what was on the survey. That visit COULD result in fines for violations."

"Bruce, would you accept 'Business Card' ads in your newsletter? This could help others that wish to apply or need to apply," writes Michael T. McKenna, consultant, PO Box 90277, Long Beach CA 90809-GMF.

"How surprised and happy was I to find out that you too are an observer of the Sabbath," writes James J. Henderson, who noticed the item on me in the April issue. "What really delights me—aside from finding this out about one of my favorite publishers—is the way in which [you] gave witness to your faith and beliefs. You accomplished this in such a tactful and graceful manner. . . It also served as a reminder to me that it is far too easy to bury your beliefs." He is working on a concept to create an environmentally-pleasing background music service, involving "positive, uplifting music. I call it Sounds Good and have it trademarked. . . In a world that is filled with negatives, why not create an environment of popular music that is positive?"

Doug Loney from Broadcast Technology sends a note saying he's always glad to see mention of his magazine in FMedia! "Jacquie and I are very close to being vegetarians [and] I was flabbergasted at the cost of receiving FCC info! There must be a more efficient way of doing it?" [Two of my three daughters suddenly announced they are vegetarians, so the concept has a way of spreading! The price of getting FCC material (texts, rulemakings, etc.) is expensive, and goes back to the days of Richard Nixon, and forcing users of governmental information to pay the costs. It used to be that I could mail a bunch of preaddressed

envelopes with postage affixed and the FCC public information office would mail out the releases directly, but even that practice has stopped. Reaganomics at work!]

A reader, Kevin Coldiron, collects radio station bumper stickers. "I need stickers badly. . . I have people inquiring." I'll save stickers readers should happen to send here and then send them to Kevin or another person who collects them.

Michigan's WGNB \*89.3 Zeeland and WGNR \*88.9 Grand Rapids were selected this year to be the 1991 meeting place of Moody Bible Institute alumni. They are the newest of Moody's 14 owned and operated stations. Both the MI stations were acquired in 1991 from Echo Broadcasting's board of directors. The Echo board, all supporters of Moody, turned over the stations, valued at \$500,000, as a goodwill gesture. WGNB/WGNR studios are at 3764 84th Ave., between Quincy and Riley streets north of Zeeland.

Also in MI, a war is raging over WUBU 96.5 Portage's tower, where neighboring residents are objecting to its unsightliness and interference to radio and TV reception. "I drove by the site," says Dan Eddington. "I must admit the tower is right in the center of a residential area of nice homes. Don't know how they got away with it. Anyway, Tri-State Broadcasting who is purchasing WUBU is a class act operation. just hope they don't plan on simulcasting WUBU with their AM, WHEZ 1560. I think that is such a waste." Some 90 residents who live near the tower at 1723 Romence have sent petitions to the FCC and the Portage City Council. They want WUBU to go off the air until all interference problems have been resolved. Tri State also owns WNWN 98.5 Coldwater.

Readers may remember FM dial histories printed from time to time, covering New York City (including "Old New York"), Los Angeles, Chicago, San Francisco, Washington-Baltimore, Seattle-Vancouver (BC), Portland OR, Rochester NY and Minneapolis-St. Paul. These market histories need updating through 1991, plus I'd like to have text mentioning significant format changes through the years, station sales, SCServices which might have once existed but have been discontinued, AM-FM duplication in the market, where station transmitters are located, stations planning upgrades and new stations about to come on the air. Minneapolis-St. Paul was recently updated, and it includes 3½ solid pages of text, this size print or smaller. All this would be part of a new 32-page publication in its first edition form. Contributors of dial histories or market information will be mentioned. am interested in adding markets, such as Boston, Milwaukee, Atlanta, Dallas, Norfolk and Denver for later editions.

Until September, *B. F. Elving*

# FMedia!

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## New FM Station, Translator Grants

AL Meridianville (Huntsville) 94.1 1800 watts horizontal, vertical; 122 m, Virginia Griffith  
AK Whittier K202BT \*88.3 (KCHU AM Valdez)  
AR Fayetteville K202BN \*88.3 (KNYD 90.5 Broken Arrow OK) [N.L.R. Bcstg.]  
AR North Little Rock 101.1 3000 h,v; 100 m, /  
CA Bridgeport K299- 107.7 (KMMT 106.3 Mammoth Lakes); appearing to transmit from Conway Summit on Hwy. 395, "about midway between Lee Vining and Bridgeport"  
CA Orcutt (Santa Maria) KGDP-FM 95.7 3400 h,v; 277 m, Radio Representatives, Inc.  
CA Santa Rosa \*91.1 170 h,v; 223 m, Rural CA Construction Co. [Grand Junction]  
CO Gunnison K220AH \*91.9 (KJOL 90.3/  
FL Chiefland W/LQH-FM 97.3 3000 h,v; 100 m, White Construction Co.  
FL Quincy WTPS 100.7 3000 h,v; 100 m, M. R. Bitner, Leah R. James  
GA Atlanta WFOX-1 97.1 10,000-w booster of Gainesville station [T. Wood & Assoc.]  
GA Hogansville WEIZ 97.5 3000 h,v; 100 m, /  
HI Volcano (19-26-00; 155-15-42, SW of Hilo) 107.7 3000 h,v; 64 m, Mary Miho-Finley  
IL Augusta \*101.1 1000 h, 188 m, g, Good News Broadcasters [Des Moines]  
IA Ottumwa K205CA \*88.9 (KDFR 91.3/  
KS Copeland (SW of Dodge City) 98.1 100000 h,v; 240 m, Sound Bcstg., Inc.  
KJIL 99.1 100000 h,v; 293 m, g, Great Plains Christian Radio [Alpha Bcstg.]  
KS Liberal 105.1 50000 h,v; 150 m, /  
KS Minneapolis 92.7 6000 h,v; 100 m, Belinda S. Ohlemeier [m, Morrill R. Partnership]  
MI Essexville (Bay City) 97.3 3000 h,v; 100/  
MI Rockford WFEN 102.3 5400 h,v; 99 m  
MN Rushford KWNO-FM 99.3 6000 h,v; 100 m, Bruce D. Grassman, but will probably need a booster or translator to serve Winona (where its AM is), because of bad terrain  
NH Walpole (Bellows Falls VT) 96.3 1200 h,v; 155 m, Gary P. Savoie (\$, c, to be on "this fall"  
NY Middletown \*91.7 750 h,v; 208 m, WAMC, /  
OK Nowata 101.5 6000 h,v; 100 m, BSB Communications  
OR Medford \*91.7 1300 h,v; -155 m, g, First Baptist Church of Medford  
SD Huron KZTS 105.1 6000 h,v; 65 m  
VA South Boston 95.3 2700 h,v; 151 m, Virgilina Broadcasting  
VIA Davenport 102.5 3000 h,v; 22 m, D. Radio Partnership [Allman Electronics Lab]  
WV Lost Creek WOTR 96.3 3000 h,v; 92 m, /  
BC Dease Lake CBYG \*98.1 1-w relay of Prince George station  
PQ Brisay (see FM Atlas 6 for town location) CBF- \*92.1 440 h,v, CKAC- 94.3 440 h,v, both Club Social la Grande

TA Nuevo Laredo XHMLO 97.1 \$, on air, "Estereo Recuerdo" power unknown  
TA Tampico 97.7 \$, †, †M SCS at 67 kHz, "Estereo Noventa y Ocho," calls, power unknown

## Call Letters Assigned or Changed

AZ Green Valley 92.1 KQSN (from KQYT)  
AR Berryville 107.1 KTHS-FM (KSCC)  
AR Hot Springs Village 92.9 KVRE, to 3000 h,v; 100 m  
AR Texarkana 104.7 KTOY [Juice"  
CA East Porterville 100.5 KOJJ (KPOR), "The/  
CA Greenfield 99.5 KSUR-FM (KSUR)  
CA Los Banos 104.7 KHTN, "Hot 105" (KSNN)  
CA Oxnard 102.9 KLSM  
CA Shingle Springs 101.9 KFIA-FM (KLIQ); AM is in Carmichael CA [Great Radio"  
CA Ventura 107.1 KAGR (KAXX), "Absolutely/  
CO Boulder 94.7 KSSP (KHIH), but "not planning to use KSSP" calls!  
CO Cortez 97.9 KISZ (KISZ-FM)  
CT Ledyard 106.5 WVNL  
FL Cedar Key 102.7 WVNM  
FL Marianna 94.1 WBNF (WSEJ)  
GA Montezuma 92.5 WMLL  
GA Omega 107.5 WQBX (WXJF)  
GA Springfield 103.9 WQQT (WSEC)  
GA Sylvania 106.5 WZBX  
HI Princeville 98.9 KBQB  
ID Preston 96.7 KACH-FM  
IN Indianapolis 96.3 WHHH  
IN Nashville 95.1 WVNI  
IA Eurlington 93.5 KKMI (KDWD)  
KS Coffeyville 98.9 KUSN (KQJF), k[ountry]  
KY Ashland 93.7 WRVC "FM" (WRVC-FM; AM in Huntington WV gets new calls)  
KY Hawesville 105.7 WLME  
KY Horse Cave 100.7 WLMK  
LA Bunkie 104.3 KEZP (KRBG)  
MA Fitchburg 104.5 WXLO-FM (WXLO)  
MA West Yarmouth 94.9 WXTK (WOCB-FM)  
MI Boyne City 93.5 WBCM (WCLX)  
MI Leland 94.3 WTRV (WLEL), \$, o, "Grand Traverse 94," simulcast with WAIR 92.5 Atlanta MI  
MN Le Sueur 96.1 KQXA  
MN Richfield 101.3 KDWB "FM" (KDWB-FM; AM in St. Paul gets new calls), "The Twin Cities Best Mix, KDWB"  
MO Savannah 92.7 KSJQ (KXGY)  
MT Glasgow 105.5 K288EM (from K288DW)  
MT Missoula 92.7 K224AA 100.1 KZOQ-FM (KZOQ)  
MT Whitefish 106.3 K292CD (K292CC)  
NV Reno 101.7 KOH-FM (KTHX), p, \$  
NH Lancaster 102.3 WLGW-FM  
NH New Durham \*91.7 WWPB  
NJ Atlantic City \*89.7 WNJN

NJ Dover Township \*91.1 WWNJ (WKTW)  
NM Alamogordo 105.3 KZZX (KINN)  
NM Armijo 107.1 KUCU (KMYI), k  
NM Central 95.3 KZTT  
NY Jeffersonville 106.1 WPDA  
NY Malone 96.5 WVVV  
NY Webster 102.7 WLMF  
NC Clinton 107.1 WMXS (WCLN-FM)  
OH Greenfield 97.5 WVNU  
OH South Webster 94.9 WZIO  
OK Enid \*89.5 K208BV  
OK McAlester \*91.1 K216BT  
OK Sallisaw \*90.1 K211BO  
OK Seminole \*90.9 K215BJ  
PA Burnham 96.7 WVVW  
PA Mercer 96.7 V'LLF (WKTJ-FM), r  
PA Spangler 97.3 WCCZ (WQHN), o[Idies]  
SC Elloree 100.3 WMNY "FM" (WMNY-FM; AM gets new calls)

SD Rapid City 104.1 (from 104.3) KIQN (KTOQ-FM), "Kick'n"  
TN Madisonville 99.5 WYGO  
TN Woodbury 104.9 WLMM  
TX Belton 106.3 KOOC (KYZZ), k, simulcasting  
KOOV 103.1 Copperas Cove—both "Double O Country"  
TX Canadian 94.9 KRBG (KEZP)  
TX Carthage 104.3 KGAS-FM  
TX Claude 95.7 KQXB  
TX Laredo 106.1 KZTQ  
TX McAllen \*88.1 KHID (KXGZ)  
TX Pearsall 104.1 KQXD  
TX Wichita Falls 105.5 KQXC (KLHA)  
UT Brigham City 106.9 KSOS-FM (KSOS)  
UT Roosevelt 98.5 KIFX (KBWL)  
UT Salt Lake City \*88.3 KBQA  
VA Bowling Green 96.9 WLMN  
VA Cape Charles 96.1 WMYA (WKSU)  
WA Seattle 107.7 KNDD (KMGI), r, "The End"  
WI Green Bay \*88.5 WORQ  
WI Mosinee 94.7 WEHM  
WI Tomah 96.1 WBOG (WTRL)  
PR Guayama 106.9 WMEG (WSRA)  
VI Charlotte Amalie 97.1 WVNIX  
ON Ottawa 100.3 CJMJ, \$[tereo], rm, on air, "Magic 100" (not strict—uses call letters often). "What a power house!"  
PQ Oka 101.7 CKHQ (CKCS), "in Kanehsatake, Mohawk territory"

## Facilities' Changes Granted

AZ Clifton KJJJ 102.1 2800 h,v; 677 m, C1  
AZ Prescott Valley KIHX 106.1 (from 106.3) 3700 h,v; 492 m [m], C3  
AR Pine Bluff KPQB 101.3 25000 h,v (100/  
CA Bakersfield KTQX \*90.1 47 m (3000 h,v)  
CA Blythe KERU \*88.5 3000 h, -17 m, loses vertical polarization  
CA Los Gatos K229AA 93.7 (from K269DL 101.7) because of a conflict with the new

KKLQ-1 101.7 Hayward CA, "major lobe 350 Circular from Mt. Umunhum, an old radar site"

CA Temecula KRTM \*88.9 1200 h.v.; 138 m

CA Watsonville K276AX 103.1 has KLVW \*89.7 Prunedale (not KLVW 91.9 Santa Rosa). This is proven because occasionally KARM \*89.7 Visalia accidentally takes over that translator.

CO Manitou Springs KCME \*88.7 13000 h.v.; 661 m, adds vertical

CO Rifle KZKS 105.3 1800 h.v.; 389 m, C2

FL Fort Walton Beach WJUS 96.5 300 m (100000 h.v.), C

FL Gretna WGW 93.3 (from 100.7), because of WTPS Quincy; os, oldies to 6 p.m.; black oldies after 6

FL Tallahassee WUMX 103.1 50000 h.v.; 90 m, C2 [25000 h.v.; 100 m, C3

GA Americus WDEC-FM 94.7 (from 94.3)/ IL Lansing WJPC-FM 106.3 2000 h.v.; 121 m

IN Plymouth WNZE 94.3 11300 h.v.; 150 m, B1

IN Rochester WROI 92.1 6000 h.v. (91 m)

IA Harlan KNOD 105.3 (from 105.5) 25000 h.v.; 86 m; C3 [(61 m)

IA Independence KOUR-FM 95.3 4300 h.v./ KS Ogden KOLA 103.5 (from 103.9) 50000 h.v.; 93 m, C2 [1900 h.v.; 179 m

KY Elizabethtown WQXE 98.5 (from 100.1)/ MD Cambridge WFBR 94.3 6000 h.v.; 100 m

MD Salisbury W276- 103.1 (from W257AQ 99.3) [m, C3

MI Big Rapids WAAQ 102.3 10500 h.v.; 133/ MI East Lansing WVIC-FM 94.9 50000 h.v.; 150 m [WKLZ 98.9 52000 h.v. (362 m)

MI Petoskey/ [h.v. (100 m), C3

MN Mora KBK 95.5 (from 95.3) 17200/ MS Charleston WTGY 95.7 6000 h.v. (100 m)

MS Indianola WDLJ 96.9 25000 h.v.; 100 m, C3

MO Springfield KWFC \*89.1 100000 h.v.; 112 m, C1 [24 km SE at Black Mountains

NV Laughlin KLUK 107.9 569 m (8000 h.v.), site/ NJ Margate City WMXL 96.1 2300 h.v.; 113 m

NJ Newark WHTZ 100.3 6000 h.v.; 415 m, World Trade Center, NY

NJ Princeton WPRB 103.3 14000 h.v.; 223 m,

CLASSICAL \* JAZZ \* FREE-FORM ROCK \* SPORTS

**WPRB Stereo 103.3**

Blasting all over Central New Jersey and Pennsylvania at fraction of the cost of other commercial stations, WPRB is your source for cost-effective advertising.

Call 609 258-3656 today.

30,000 WATTS

100% POWER



"soon," but adding v & h powers to come up with "30,000 watts" in its hype

NY New York all the following to 6000 h.v.; 415 m from the World Trade Center: WXRK 92.3, WQXR-FM 96.3, WSKQ-FM 97.9, WNEW-FM 102.7, WNCN 104.3, WNSR 105.1, WLTV 106.7, WBLS 107.5 [except WBLS will be only 4300 h.v.] [NY]

NY Oswego W240AJ \*95.9 (move from Endicott/ NY St. Bonaventure WBSU \*88.3 with vertical, rp

NY Vestal WMXW 103.3 6000 h.v. (300 m)

NC New Bern WZYH 94.1 6000 h.v.; 100 m [C3

NC Wanchese WOB-FM 95.3 25000 h.v.; 90 m/ NC Windsor WDRP 98.9 6000 h.v. (100 m) [m]

OH Edgewood WZOO-FM 102.5 5800 h.v. (100/ OK Altus KEYB 107.9 6000 h.v. (100 m)

OK Edmond KOKF \*90.9 133 m (100000 h.v.)

PA Meyersdale WQZS 93.3 630 h.v.; 294 m

TN Brownsville WTBG 95.3 5000 h. (46 m)

TN Dickson WQZQ-FM 102.5 41000 h.v.; 152 m

TN Surgoinville WEYE 104.3 4400 h.v. (116 m)

TX Harker Heights KLFX 105.5 1860 h.v. (179 m) [KGEE 99.9 98400 h.v.; 175 m

TX Monahans/ [103.1) 6000 h.v.; 58 m

VA Rural Retreat WCRR-FM 95.3 (from/ WI Hartford WTKM-FM 104.9 5800 h.v. (91 m)

WI Platteville WKPL 107.1 6000 h.v. (72 m)

## NYC FMs Go Up in Height

ON London CFPL-FM 95.9 station says its nondirectional [h.v. (37 m)

PQ Camp LA-1 CBF- \*92.5 (from 95.1) 440/ CKAC- 94.7 (from 97.1) 440 h.v. (37 m)

PQ Montreal CINQ 102.3 392 m (1500 h.v.)

CL Piedras Negras XHTA 94.5 1250 h.v.; 85 m, SRT approved. Will be using the old transmitter of the former KBER 100.3 San Antonio TX. "I just adjusted their stereo generator, using a boombox, since they don't have a stereo monitor."

NL Monterrey XHXL 91.7 100000 h.v. (-75 m), "Estereo Noventa"

## Stereo—Or to be Stereo

AZ Kingman KRCY 105.9

CA Fort Bragg KLLK-FM 96.7, rp

CA Sacramento KXJZ \*88.9, jn. They correctly turn their stereo off for newscasts.

CA San Jacinto KWRP 96.1

FL Mayo WGSF \*89.5

FL Monticello WJPH 101.9, o, "Sunny 101"

IL Golconda WDXR-FM 94.3

IN Bicknell WUZR o, ID with Vincennes, "Hoosier 105.7"

IN Fort Branch WBGW 101.5

IN Huntington WVSH \*91.9, "but school system has cut off its funds." Has been off the air for the summer; to stay off?

WOWO-FM 103.1, simulcasting the big AM in Fort Wayne, o

IN Syracuse WAWC 103.5, rm, "Wawasee 103"

MD Frederick WJTM \*88.1, with live announcers and a Braddock Heights mailing address

MI Buchanan WSMK 99.1, uses calls, not "Gem 910"

MI Houghton WAAH 102.3

MI Kingsford WEUL \*98.1, noncommercial— simulcast with WHWL \*95.7 Marquette

MI Lexington WBTI 96.9, † U SCS, 67 kHz; no ID heard in over two hours' listening; still r, "B-96.9"

MO Kirksville KLTE 107.9. "Their link held up with no problems during the sunspot activity recently. Apparently KTVO (3) TV lost their link for a while."

NY Deposit WIYN 94.7

NY Jamestown WNJA \*89.7, c, parallel to WNED-FM \*94.5 Buffalo, but giving an indistinct ID which failed to mention each station's city of license

OH Delaware WCEZ 107.9, b, "EZ 108"

OH Nelsonville WSEO 107.7, r

OH Toledo WXUT \*88.3, sr

OK Moore KMSI \*88.1 [WKGB 92.5 Susquehanna

PA Tioga WPHD 93.3, ID with Elmira. Relays/ TX Cuero KQRO-FM 97.7

TX Lytle KPXP \*91.3, gr. "Hard rock—like Z-Rock, Alice Cooper, only with Christian words. They play a lot of music by Striper."

VA Winchester WTRM \*91.3, both that and WJTM Frederick MD "had excellent signals that carried far into northern Virginia"

WI Verona WMMM-FM 105.5, ID with Madison,



to 6000 h.v.; 100 m

NL Monterrey XHQQ 93.3, kl (rancheras)

XHMF 104.5, l, "Estereo Vida"

CA Garberville KBey 104.7, no stereo, r, "K-Bay 104.7"

GA La Grange WOAK \*90.9

IL Highland Park WVVX 103.1, ep, "Real 103." Nighttime rock was temporarily off

IN Roanoke WQTX 105.1 mono talk, simulcast with WGL (AM) Fort Wayne. "Tested in stereo, but has been mono since."

MI Harrison WKMM 92.1 still mono

MI Sandusky WTVG 97.7, remove \$ listing, no "FM 97" (uses calls) [summed temporary

MO Tarkio KTRX 93.5—but as- [mono

NY Sag Harbor WLNG-FM 92.1 "Oldies 92," still/ OR Medford KOPE 103.5, Grants Pass KOPE-1 103.5, nt, but has stereo pilot

OR Phoenix KROG 105.1, testing, relaying KDOV AM. "It was only on a couple of weeks and I understand KDOV didn't want to pay the asking price to rent the transmitter."

PA Towanda WTTC-FM 95.3 m, big bands

TX Crystal City KHER 94.3, but applying for more height, after which they will go stereo. "I'll be the person who will turn it on."

WA Everett KSER \*90.7, but may be only temporarily mono

BC Vancouver CFRO 102.7, "and not really a commercial station"

## Format Changes

Formats are the same as in the "FM Atlas"

AL Birmingham WJSR \*91.1 rm

AL Dothan WJN 101.3 [soul] WESP 102.5 o [Idies]

AL Fairhope WZEW 92.1 rj, now on with C3 facilities, "Adult Rock and Jazz" (from "Z-92"), ID with Mobile

AL Florence WBHL \*91.3 b

AL Gadsden WQEN 103.7 rm

AL Northport WLXY 100.7 o

AL Opelika WMXA 96.7 rm

AZ Payson KRIM 104.3 o

AR Beebe KPIK 101.5 rm

AR Lonoke KMSX 106.3 sr

AR Paragould KXDY 104.9 rm

CA Auburn KHLY 101.1 o, "Oldies 101" (from "K-Hill 101")

CA Eureka KFMI 96.3 r, "Power 96"

CA Fort Bragg KOZT 95.3 op, "The Coast" (from "95 FM")

CA Julian KBNN 100.1 rm

CA Pacific Grove KOCN 104.9 rm, "Ocean 105" (from "Ocean Country") [Rocks]

CA Roseville-Sacramento KRXQ 93.7 rp, "93/ CA Sacramento KXPR \*90.9 cn

CA Salinas KDON 102.5 sr, "102.5 K-Don," ID with Santa Cruz-Monterey

CA San Francisco KIOI 101.3 rm, ID with Oakland-San Jose, still "K-101"

CA San Jose KOME 98.5 rp, "98-5 KOME," IDing as "San Jose and the Bay"

KEZR 106.5 rm, "Mix 106.5" (from "Easy Rock")

CA San Luis Obispo KZQZ 93.3 r, "not op as I reported to you in June."

CA Seaside KMBY 107.1 rp, no "Y-107"; uses calls: "KMBY 107 Radio" [yr 102.9"]

CA South Lake Tahoe KZFF 102.9 rm, "Zeph- CA Ukiah KWNE 94.5 rm, "Mix 94.5," relegating "K-Wine" to the cellar, although uncorking it on occasion; ID with Clearlake CA

CA Woodland-Sacramento KSFM 102.5 sr, no "FM-102"; just "102.5 KSFM"

CO Montrose KSTR-FM 96.1 rm

CO Ouray KURA 105.7 b

FL Fort Myers Villas WSUV 106.3 rm

FL Lake City WNFB 94.3 rm

GA Royston WPUP 103.7 r

GA Waynesboro WAGW 107.1 rm, serving Augusta, on air, 6 kw, applying for 25 kw

IL Chicago WSSD \*88.1 rj, rock and blues, on air, mono ["Off as early as 5:00"

IL Joliet WCSF \*88.7 r, \$, but hours vary:/ IL Kankakee WONU \*89.7 gr, † X SCS, 67; no † X 92 [and "sounds automated"

IL Monticello WCZQ 105.5 k, "Q-106,"/ IL Ottawa WRKX 95.3 op

IL Streator WSTQ 97.7 k, "97 Country" (from "97-FM")

IN Alexandria WAXT 96.7 p [nonID

IN Brookston (Monticello) WEZV 95.3 mj, no/ IN Earl Park WIBN 98.1 (having moved from 98.3), r, ID with Oxford



IN Ligonier (lig-on-ear) WLNB 102.7 m, uses calls, \$, ID with Albion-Kendallville  
 IN West Lafayette WBAA-FM 101.3 to be c ("fine arts"). "The first grant of call sign for the Purdue station was absolutely incredible! I even posted the FCC announcement on the bulletin board in my area for others to see if they don't believe me. . . No one would ask for such a call sign, and I always assumed that combination of letters was on a taboo list!"  
 IA Ames KCCQ 107.1 sr  
 KS El Dorado KBUZ 99.1 s  
 KY Liberty WKDO-FM 98.7 k, \$  
 KY Winchester WLFX 100.1 r, "X-100" (from "Fox 100")  
 LA Brusly KRVE 96.3 m, \$, "adult rock." Said to be a C2, but still listed by FCC with "A" facilities.  
 LA Reserve WADU-FM 94.9 o, the fourth oldies station in the New Orleans-Baton Rouge market  
 MI Adrian WLEN 103.9 o, tU, 67  
 MI Clare WCFX 95.3 r, "All Hits 95-CFX" (from "Oldies 95 CFX")  
 MI Detroit WKQI 95.5 m, "love songs." Uses calls, not "Q-95."  
 MI Glen Arbor WMLB 98.1 r (hits), "WUPS" nonID, simulcasts 98.5 Houghton Lake, \$  
 MI Grand Rapids WLAV-FM 96.9 op, "classics over current hits. . . They've dropped Lee Abrams' consultancy, with WLAV-FM no longer promoting 'Z-Rock' (on WLAV AM) and no longer carrying 'Z-Rock Top 50 Countdown' Sunday nights. WLAV AM 1340 remains 'Z-Rock' for now. One major firing is Red Noize, program director and afternoon



Red Noize

d-j. The Spring Arbitrons were the lowest in a decade." [WMP, no "Z 93"  
 MI Hancock WZRK 93.5 gt, largely relaying AM/  
 MI Newberry WNBV-FM 93.7 (moving from 93.5) o  
 MI Ontonagon WOAS \*88.5 pr. "This past summer we were on Monday through Friday from 9 a.m. to 5 p.m. and Fridays from 9 a.m. to 3 a.m. We are not stereo yet. . . We are in

**WOAS-FM**

701 parker • ontonagon, mi 49953 • 306/884-950 & 4559

the process of boosting our power of 10 watts to 7?" Program guide says of one show, "if it's too loud, you're too old."

MI Saginaw WGER 106.3 mr [FM"]  
 MI Sault Ste. Marie WSUE 101.3 r, still "101/  
 MN Hibbing WTBX 93.9 r  
 MN St. James KXAX 104.9 rm  
 MS Indianola WNLA-FM 105.5 rm  
 MS Utica WJXN-FM 92.9 k  
 MS Yazoo City WJNS-FM 92.1 k  
 MO Bonne Terre KDBB 104.3 o  
 MO Marshfield KTOZ-FM 104.9 r  
 MO Warrenton KFAV 99.9 rm  
 MT Hardin KKUL-FM 95.5 k; its AM goes silent  
 MT Kalispell KALS 97.1 g  
 NH Hillsdale WYRY 104.9 k

NH Wolfboro WLKZ 104.9 o  
 NJ Blairstown WFMV 106.3 op, "Classic Hits 106" (from "FM 106")  
 NJ Trenton WNJT-FM \*88.1 r, "almost all rock and oldies with occasional news simulcast from TV-50"  
 NM La Luz KPFA-FM 92.7 r  
 NM Truth or Consequences KSNM 98.7 r  
 NY Canandaigua WLKA 102.3 jr  
 NY Corinth WZZM-FM 93.5 b  
 NY Corning WCBA-FM 98.7 rm  
 NY Ithaca WQNY 103.7 r, "Q-104 FM" (from "Classic Q")  
 NY Mount Kisco WVIP-FM 106.3 rm  
 NY Newburgh WGNV-FM 103.1 r  
 NY Patchogue WBLI 106.1 m, "totally lame! I guess to compete with WALK 97.5. . . I'm 32 years old, so they target format to our age group, except they don't realize that the 25-45 age group doesn't really enjoy burn-outs and lame selections. . . Long Island has six lame stations already. . . Bring back FM radiol!"  
 NC Eden WWMY 94.5 mr  
 NC High Point WMAG 99.5 mr; WWMY and WMAG simulcast  
 NC Morehead City WRHT 96.3 gr, parallel to WHITE Williamston  
 NC Williamston WHITE 103.7 gr, but "announcing that it [was to have been] going off the air in August."  
 ND Grafton KXPO-FM 100.9 k  
 OH Fort Shawnee WBUK 107.5 o  
 OH Fredericktown WJMR 98.3 op  
 OH Harrison WNLT 104.3 gr  
 OH Niles WNCN 106.1 r  
 OH Sandusky WCPZ 102.7 op, uses calls, not "Leisure Rock 103"  
 OH Troy WTRJ 96.9 rm  
 OK Muskogee KMIY 97.1 k  
 PA Danville WPGM-FM 96.7 gr  
 PA Easton WHXT 99.9 o, "Oldies 99" (from "Hot 99.9")  
 PA Jersey Shore WRKK 97.7 r, "Hot FM" and "WHOT" [ies Station"]  
 PA Nanticoke WYOS 92.1 o, "Your Old-/  
 PA Renovo WMHU 95.1 op, "Kool Radio"  
 PA Salladasburg WKHL-FM 95.5 op, "Kool Radio"  
 SC St. George WBUB 107.5 k, "Bubba 107"  
 SC St. Matthews WQKI-FM 93.9 r, ID with Orangeburg  
 SD Martin KZSD-FM \*102.5 cj, \$, parallel to other SD public stations  
 TN Kingsport WKOS 104.9 o  
 TN Paris WMUF-FM 94.1 rm  
 TX Denton KJZY 99.1 j, seeking donations from public to retain format. This done with FCC blessing, but it "must tell listeners how the money will be used and that donations are not tax deductible." "We consider this a one-shot situation. It's just allowing us some breathing space." But "The Dallas Morning News" cautions with headline, "Serious Jazz Doesn't Swing With Many Advertisers. Station has had two owners in its three years on the air and needs to come up with \$150,000 to cover present operating expenses." "We need something on Dallas radio besides the same old monotony the other stations play. If KJZY should ever go under, at least we can still turn to KNTU and KTCU for jazz. . . The notes I had about the commercial and ID on San Angelo's translator referred to its primary, KGNZ."  
 TX Lubbock KLIK 93.7 Spanish/latin, parallel to KXTQ 95.0 AM [on Sundays."  
 TX Mesquite KEOM \*88.3 mr, drops k. "Silent/  
 TX Robstown KSAB 99.9, Spanish/latin  
 UT Provo KZOL 96.1 r [Provo]  
 UT Roy KRPN 107.9 sr, parallel to KZHT 94.9/  
 UT St. George KZEZ 93.5 rm  
 VA Gloucester WXGM-FM 99.1 m  
 VA Richmond WVG0 106.5 r  
 WA Kelso KUKN 94.5 k, "Cookin' Country," ID with Longview  
 WA Olympia KXXO 96.1 rm, "Mix 96"

WA Yakima KIHS 99.3 Spanish/latin  
 WY Cody KTAG 97.9 rm  
 AB Fort McMurray CKYX 97.9 op, "New Classic Hits Kicks 98"  
 CBXN \*99.3 heard starting a rebroadcast of the stereo network's evening show in the morning, monophonically. "The staff at CBX tells me this is an effect of the Gulf War, as they began staying on 24 hours to offer news coverage. Recycling material from the stereo operation was the most cost-efficient way to extend the broadcast day. It was confusing since the CBC Radio Guide doesn't indicate that this is happening. . . There're a lot of areas in Canada that do not have the stereo network, so that would allow many to hear programming not otherwise available."  
 ON Nipigon-Red Rock CFJQ 96.1 k, with dual on-hour ID with CJLB 1230 AM Thunder Bay

**On Air (Selected)**

AL Chickasaw-Mobile WDLT 98.3 still using Class A facilities. FCC approved station sale, but "it has not taken place on schedule and probably won't. . . We have not built the C2 facility yet. That's a project for new owners."  
 CA San Francisco KKHI-FM 95.7 brags about their large CD collection, "but who cares when the dynamics are totally screwed up? When you can hear a CD 'breathe' you know they're pushing the old signal processor. It's so bad it's annoying even in the car, where some dynamic compression obviously is advantageous."  
 CO Walsenburg KSPK 102.3, still an A, but this month expected to become a C3. "At that time, we hope to reach Pueblo and more cities east of here." Now "K-102 Country."  
 FL Coral Gables WVUM \*90.5 with "full blown ad for Kinko's."  
 FL Havana WMLO 104.9, but on with interim power of 3600 h,v; not the 47000 h,v; 154 m they are authorized to go to  
 FL Tallahassee 106.1 (no calls assigned) expected on "in October. . . Has not announced format."



IN Chesterton WDSO \*88.3 carrier on, preparing to broadcast again this school year.  
 IN Valparaiso WVUR \*95.1, "The Source," back on for the school year, but "such a pitiful little signal."  
 IA Decorah KRDI 100.5, having moved from 100.9, but still calling self "Music 101"  
 KS Clay Center KCLY 100.9 now 6 kw  
 ME Saco WHYR 95.9, but residents fighting a 90-meter tower, to "extend the listening range to Portland. Neighbors say the monolith would be an eyesore in a predominantly rural setting." Other disputes in ME resulted in Falmouth and North Yarmouth forbidding towers, while Buxton and Brunswick approved towers over strong neighborhood opposition.  
 MA Brockton WBEC-FM 105.5 and AM, but in Ch. 11 bankruptcy, triggered by sharp decline in ad revenues [automated  
 MI Mount Pleasant WCZY 104.3, 24 hours/  
 MN: Now on with 100000 h,v from the KMSP (TV-9) 365-m Shoreview tower north of St. Paul (many of the stations having been

restricted to 50 kw on the downtown Minneapolis (DS Building): KQRS-FM 92.5, KLXK 93.7, KTCZ 97.1, KTIS-FM \*98.5, KSJN \*99.5, KDWB 101.3, KEEY 102.1, WLTE 102.9. KQRS-FM general manager Mark Steinmetz, chairman of the Shoreview FM Group, said signals should come in "louder and clearer, with improved separation and less interference." A result of the move is that KSJN often appears on KBHW 99.5's (International Falls) Virginia MN translator on 95.3. "Quite often KSJN is dominant for a few moments."

PA Reading WXAC \*91.3, "but the signal barely gets out of Reading. Format is still progressive rock."

**Off Air or Not Yet On**

- CA Fresno KFNO \*90.3, but coming soon. Heard briefly testing; probably waiting for parts to come.
  - ID Payette KQXR 100.3, on 100.1, but must have been on 100.3 for a while, since announcer heard to say "100.3."
  - IL Lake Forest WMXM \*88.9. It is "dead... It didn't serve a community purpose. The students were irresponsible, and the administration took it off the air."
  - IN Terre Haute WPFR 102.7, along with its AM, WYTL. Taken off the air by the court receiver.
  - KS Wichita KSOF \*91.1, which only recently qualified for CPB funding, returning its \$71,000 check, biting the dust. Friends University, licensee, gave it five years to be self-sustaining, and the station had to be subsidized to the tune of over half its \$244,000 budget. It was one of three noncommercial classical music stations in the market. Applies to be sold to New Life Fellowship, owner of KZZD \*90.7 Wichita, and recent purchaser of KBUZ 99.1 El Dorado KS for \$205,000. [AM
  - LA De Ridder KEAZ 101.7, along with KDLA/ LA Mansfield KJVC 92.7, along with KDXI AM MI Allendale "WSRX" \*88.5, since being taken over in 1982 by WGVC. Now students want to revive WSRX, using those calls over a loudspeaker in the student center. The real WSRX stands up in Fort Myers FL (91.5). "I doubt they could find a frequency in the FM band for a new 100-watt FM, but I could be wrong."
  - MI Baraga WXNL 104.3
  - MI Detroit WDFX 99.5 rumored off air, in court-ordered receivership
  - MI Hancock WTHV 98.7 [98"]
  - MI Houghton WOLF 96.3 (still on 97.7, "Wolf")
  - OH Bellevue WNRN 92.1, but had carrier only; assumed temporary
  - OK Lawton KMGZ 99.5, still on 95.3
  - OR Nyssa KGZH 98.7
  - PA Erie WEFB \*88.1
  - TX Cotulla KDCY 97.7, "burned down; is for sale." Remove \$, format information for this station.
  - TX Hondo KRBH 98.5, but site is marked off with construction expected
  - WV Shepherdstown WSHC \*93.7, assumed so because of school vacation
- Deletions**
- CA Danville K205BL \*88.9 because of KXJZ Sacramento. "Say what we might about Family Stations and their tendency to hog the band, but Ron Marland was quite cooperative and had K205BL shut off in about a day after I advised him of the conflict... K201AT Stockton, which did relay K205BL, appears to be relaying KEAR directly after several days of relaying a noisy KXJZ signal and white noise when KXJZ was off."
  - CA Mammoth Lakes K280CJ 103.9 and K285CP

104.9; had been licensed  
 CA Santa Cruz K276BR 103.1. Only K276AX Watsonville, in that area, is on the air on 103.1. [had been licensed  
 FL Fort Myers W249AV 97.7, W285AR 104.9; KS Caney KE0J 101.1, "denied extension of time"  
 OK Lawton K292DR 106.3, an unbuilt CP  
 TX Kaufman K237BX 95.3, not on air, and not on FCC datalist

**FM Mistakes, FM Atlas-13**

IL Effingham WCRC 95.7 add \$, p. 160  
 KS (not "KY") Topeka KJTY \*88.1, p. 143  
 WY Ten Sleep KKLX, not KWORT, p. 85  
 SK 89.9 CILX calls belong to Ile-a-la-Crosse, not "La Loche," p. 146

**SCS Services, 67, 92 kHz**

*Symbols are as in the "FM Atlas"*

- CA Fresno KKDJ 105.9 tM, R, Muzak's two services at 67 and 92 kHz. "KSKS 93.7 Fresno will continue standard Muzak on 67 kHz until all receivers are changed."
- CA San Diego—Southwestern Cable apparently is using its SCS at 67 kHz for talk between the main office and the head end on Black Mountain. "On regular FM there is just an open carrier on 106.9. When you switch to SCA you get a one-sided conversation of someone giving instructions. I haven't tried with the tunable SCA yet, but suppose they may be using 67 kHz for one side of the conversation and 92 kHz for the other side of the conversation. This only occurs once in a while on a random basis."
- KPBS \*89.5 tT, 67; tB, 92. The 92 is a rebroadcast of the BBC "direct from London. I think they're getting it directly off a satellite as there is no fade typical of shortwave broadcasts."
- IL Aurora WYSY 107.9 no tX, 67
- IL Chicago WBBM-FM 96.3 no tY, 92
- WJMK 104.3 no tX, 92
- IL Evanston WOJO 105.1 tX, 67 (no 92; had tM, 67 and tR, 92)
- KY Whitesburg WMMT \*88.7 tB, BBC World Service, 24 hours starting in December (replacing tS), 67 kHz
- MI Atlanta WAIR 92.5 tX, 67, now "Oldies 92.5" (from "92.5 W-Air")
- MI Grand Rapids WJFM 93.7 t(D), 57, no tU, 92, but retains tM, 67 [tU, 67]
- MI Kalamazoo WQLR 106.5 t(D), 57 (no/ MN Minneapolis KSJN \*99.5 drops Muzak in favor of KSTP-FM 94.5 St. Paul. If Muzak stayed, they feared it might exceed FCC limits on commercial side-ventures by public broadcasters, "and partly because they thought the secondary signal for Muzak might interfere with their primary KSJN signal," thus deciding to "kiss off a contract worth about \$60,000 a year."
- NJ Newark WFME \*94.7's 67 continues to be Russian, "WMNB," with studios in Fort Lee. Station sells subscriptions at \$30/month to 3700 households instead of ads. "What a rip off, for only one channel!" WFME's 92 kHz is Haitian French. [92 Chinese
- WNWK 105.9's two SCSes are 67 Korean,/ NY Buffalo WBFO \*88.7 no tX, 67
- WGR-FM 96.9 tC, 67 (relaying WGR 550 AM)
- WYRK 106.5 no SCS (had tX, 67)

- NY Jamestown WWSE 93.3 no SCS (had tM, 67)
- OH Cleveland WNCX 98.5 tM, 67
- WCRF \*103.3 tG, 67
- OH North Baltimore WHMQ 107.7 tU, 67; uses calls, not "The New 108"
- VA Harrisonburg WZJM \*88.7 tB, BBC fulltime, 67 kHz
- WMRA \*90.7 tT (Valley Voice Radio Reading



Service 67; tB, BBC relay, 92 kHz. "I have been doing some experimenting on the JMU stations' subcarriers, and have come up with quite a good sound—flat response to 9 kHz, using Dolby encoding and an Optimod 8000A for limiting, with a 16 octave equalizer to customize the sharpness. Makes for near FM quality! If you would like, I'll send you a tape of it, recorded off a GE Superadio with an Eff-III installed."

- WKCY-FM 104.3 tM, 67; tR, 92, a "private music service"
  - WI Milwaukee WLTQ 97.3 no SCS (had tC, 67)
  - ON Sault Ste. Marie CJQM 104.3 tC, 67, relaying its AM; "Q-104" (very strict—from "Q Country")
  - ON Toronto CIUT \*89.5 tE, 67 (no 92)
  - CJRT \*91.1 no SCS (open carrier only, 67)
  - CHFI 98.1 tZ, 67 (not tU)
  - CHIN-FM 100.7 no SCS (had tX, 67)
- "There were three or four postings on Internet a couple of days ago with you as the topic of conversation. All involved agreed that your book was excellent. They liked your SCA products. One guy apparently has made several purchases from you over the years. One or two others referenced purchases of SCA equipment. One guy did observe that you probably wouldn't win any awards for soldering. Thought you might enjoy that."

**NonIDs In Use**

*Mentioned usually without calls; "strict" if a station only uses call letters once per hour as required by the FCC (at or near top of the hour)*

- AL Reform WTID 101.7 101.7 The Tide
- AR Ashdown KARQ 92.1 Country 92
- CA Delano KKXX-FM 105.3 uses calls: "105.3 KKXX," no "Power 105"
- CA Eureka KEKA-FM 101.5 uses calls, "101 Country, KEKA," and no "Redwood 101"
- CA Gilroy-San Jose KUFJ 94.5 94.5 The Fox, adds San Francisco ID
- CA Healdsburg KHT 92.9 no "The Heat"; ID by call letters
- CA Livermore-Pleasanton KKIQ 101.7 IDs by calls, no "Q-102," no Danville in its ID list
- CA Oceanside KIOZ 102.1 Rock 102
- CA Sacramento KRAK-FM 105.1 Country 105 (from "KK 105")
- CA San Francisco KRQR 97.3 no "Rocker," now "97-3 KRQR" [not "92"]
- CA San Jose KSJO 92.3 uses calls, "92-3 KSJO,"/ CA San Rafael KTID 100.7 K-Tide (from "The Tide") [with "Thunder Country"]
- CA Taft KMYX-FM 103.9 uses calls/
- CO Denver KHOW-FM 95.7 K-How
- FL Orlando WMMO 98.9 98-9
- FL Panama City Beach WPCF-FM 100.1 FM-100
- FL Punta Gorda WQLM 92.9 Lite 93
- GA Greensboro WDDK 103.9 Dock 103.9 (from "Dock 104"), claims to have an expanded coverage area, but still listed by FCC at 3000 h.v; 100 m [Statesboro
- GA Metter WHCG 104.9 G-105, ID with/

ID Caldwell KHEZ 103.3 Easy 103  
 IL Arlington Heights WCBR-FM 92.7 uses calls, no "Chicago's Bear"  
 IN Valparaiso WLJE 105.5 Indiana 105  
 IA Denison KDSN-FM 107.1 FM-107  
 IA Sioux City KWIT \*90.3 K-Wit  
 KS Wichita KZZD \*90.7 Z-Gam  
 KY Paris WCOZ 96.9 Kiss FM (from "Cozy 96.9 FM")  
 ME Kennebunk WJIB 99.3 JIB  
 MA Brookline-Boston WBOS 92.9 92.9 and "Rock Without the Hard Edge" (strict)  
 MI Benton Harbor WHFB-FM 99.9 uses calls, not "The New 99.9" [WLZ FM]  
 MI Cadillac WWLZ 96.7 Hot 96 Lakes FM (from/MI Cheboygan WGLD 105.1 The Gold, ID with Petoskey-Mackinaw City  
 MI Detroit WJLB 97.9 uses calls, not "FM 98" WLLZ 98.7 uses calls, removing "Wheels"  
 MI Gaylord WKPK 106.7 KPK (from "The Peak") [(from "FM-104")  
 MI Harbor Springs WLTO 103.9 104-LTO/



MI Marquette WFXD 103.3 Fox 103  
 MI Marshall WELL 104.9 uses calls, not "Southern Michigan Country" [er 98"  
 MI Monroe WTWR 98.3 uses calls, no "Tow-/MI Scottville WKZC 95.9 KZ-96 (from "KZ Country") [not "Rock 96"  
 MI Three Rivers WLKM-FM 95.9 uses calls/MS Collins WKNZ 101.7 Z-101 (from "101 KNZ")  
 MS Moss Point WZBA 104.9 Bay Country (not "Bay 105"), ID with Mobile AL, where its studios and tower are  
 MS Picayune WZRH 106.1 Z-106.1, ID with New Orleans LA [(FM 94")  
 MT Butte KOPR 94.1 Copper 94 (from/MT Kalispell KOFI-FM 103.9 Coffee 104 (from "K-104")  
 NV Carson City KWNZ 97.3 no "K-Wins," uses "97.3 KWNZ," ID includes a non-town: "Lake Tahoe"  
 NV Las Vegas KOMP 92.3 The Rock of Las Vegas (from "Comp 92.3")  
 NV Reno KHIT-FM 104.5 Hit Country KRNO-FM 106.9 FM-107, K-Reno  
 NJ Atlantic City WMGM 103.7 Sunny 103.7. "I urge you to stick with 'm' for SA and drop 'ame.'" [Sunny 103.7")  
 NJ Newton WNNJ-FM 103.7 Power 103 (from/NM Artesia KTZA 92.9 Star 93 (from "Star-Station") [FM 96.5")  
 NY Fredonia WCOA 96.5 Star 96.5 (from/NY Hornell WKPQ 105.3 Power 105, KPQ, still r (top 40)  
 NY Rensselaer WQBK-FM 103.9 Q-104 (from "QBK FM 104)," with lawsuit settled, allowing for payments to new owner, Maximum Media, from seller, WQBK, Inc. Station, however, also owes \$2.5 million to Jefferson Bank in Philadelphia and another \$500,000 mortgage. Recession blamed for the financial problems facing WQBK-FM and its AM adjunct. [sic Gold 101"  
 NC Eden WIFM 100.9 100.9 FM (from "Clas-/NC Goldsboro WOKN 102.3 Hot 102  
 NC Moyock WMYK 92.1 Touch 96 (same as on WMYA 96.1 Cape Charles VA, which it simulcasts)  
 NC New Bern WSFL-FM 106.5 Beach 106 (from "The Right FM")  
 NC Winston-Salem WMQX-FM 93.1 Oldies 93 Point Fun (from "W-Mix")  
 OH Elyria WNWV 107.3 uses calls and saying:

"What began as The Wave is now Cleveland's Cool FM, WNWV"  
 OH Geneva WDON 104.9 uses calls, not "The Northern Light"  
 OH Port Clinton WXKR 94.5 uses calls, not "X-94.5"  
 OH Sylvania WWWW-FM 105.5 3WM (from "Magic 105.5")  
 OR Baker City KCMB 104.7 Country 104.7 (from "FM 104")  
 PA Erie WMCE \*88.5 uses calls, not "C Rock" WERG \*89.9 Energy FM 90  
 PA Scranton WGBI-FM 101.3 Bright 101.3  
 PA Wilkes-Barre WKRZ 98.5 98.5-KRZ  
 TN Nashville WSM-FM 95.5 uses calls: "Nashville 95, WSM-FM" [Hits 93-Five  
 TX Crockett KBHT 93.5 back to Best/  
 TX Dallas KLUV 98.7 K-Love (not strict)  
 KRSR 105.3 still "Star 105" (strict). On-hour ID: "Our licensed FM frequency is 105.3. Our call letters are KRSR. Dallas-Fort Worth calls us Star 105'. That's our name—don't forget it!"  
 TX Mineola KMOO-FM 96.7 K-M-Double O, also "Double O Radio" (strict)  
 TX Pasadena-Houston KKQB-FM 92.9 still 93-Q, new rock/top 40, but format "may be temporary"  
 TX Port Arthur KYKR 93.3 uses calls, "K-93.3, KYKR," no "Kicker"; ID list expands to include Galveston  
 TX Rockport KPCB 102.3 K-Play  
 TX Whitehouse KISX 107.3 Kiss 107.3 or "Kiss FM" (strict)  
 TX Willsboro KWNS 104.9 K-Wins or "The Best of Country 104.9" (from "Super Country 104") [(from "K-108")  
 VA Exmore WKRE 107.5 MY-107/  
 VA Franklin WLQM-FM 101.7 Q-102  
 WA Centralia KMNT 102.9 FM-103 (from "K-103")  
 WV Bridgeport WDCI 104.1 Lite and Easy; finally came on the air, \$  
 ON Chatham CKSY 95.1 uses calls, "CKSY FM 95" [no "FM 105.7"  
 ON St. Catharines CHRE 105.7 uses calls/VE Veracruz XHPR 101.3 Grupo FM

Multi-City IDs in Use

AR Booneville KEZU 104.7 with Fort Smith, "EZ-105" [any more  
 CA Marysville KRFD no ID with Yuba City/  
 CA Modesto KHOP 104.1 with Stockton (not Sacramento), uses calls, "FM-104, KHOP"; no "Stereo 104"  
 CA San Francisco KFRC-FM 99.7 with Fremont-San Jose  
 KMEL 106.1 with Oakland-San Jose  
 CA San Jose KBAY 100.3 with San Francisco-Oakland-Monterey, "K Bay"  
 CO Greeley KDHT 92.5 with Denver-Boulder-Fort Collins, "The Colorado Sound"  
 FL Dunnellon WTRS-FM 102.3 with Ocala and Gainesville  
 FL Holly Hill WQPN \*91.5 with Daytona Beach  
 GA Thomasville WSN1 107.1 with Tallahassee, where its studios are  
 GA Blackshear WKUB 105.1 (moving to, from 104.9) with Waycross  
 GA Waynesboro WYFA \*100.9 with Augusta  
 IN Attica WBQR 95.7 with Williamsport-Lafayette  
 IN Monticello WMRS 107.7 with Monon-Brookston; WMRS and WBQR co-program at night  
 MI Beaverton WMRX 97.7 with Midland  
 MI South Haven WCSY 98.3 with Paw Paw (not with Watervliet) [monophonic  
 NH Winchester WKBK-FM 98.7 with Keene, still/  
 NC Salisbury WRDX 106.5 with Thomasville-Charlotte (not with Winston-Salem—Charlotte)  
 OH Gibsonburg WRED 95.7 not with Toledo, but gives its ID at about :54 along with W TOD (AM) Toledo

TX Abilene KGNZ \*88.1 with San Angelo-Snyder  
 VT Warren WDOT-FM 96.1 with Burlington  
 VA Martinsville-Roanoke WROV-FM 96.3 with Lynchburg, "96.3 ROV-FM"

AM Happenings Most Likely Caused by FM

AL Mobile WLTV ("Love") 1410, black-gospel, was WMML. "Silent two years, returned in July. Sold four years ago for \$300,000, repossessed and re-sold for \$25,000."  
 CO Pueblo KRRU 1480 silent; was religion  
 FL Gulf Breeze/Pensacola V'IRNE 980, "formerly WFXP, silent for over a year, returned to air with SMN Heart and Soul."  
 FL Pensacola WTKX 1230 drops "SMN Kool Gold" to simulcast WTKX-FM: 101.5 AOR."  
 GA Garden City (Savannah) W'NMT 1520 silent, "for sale cheap."  
 KS Winfield KVFW 1550. FCC grants sale to licensee of KLEY 1130 Wellington KS, with a waiver of the duopoly rule. Coverage overlap in a relatively unpopulated area. KVFW had been silent, and Johnson Enterprises was the only buyer to show interest in the station.  
 MA Boston WEEL 590 to all sports. Simultaneously, WVEI (formerly WFTO) 1440 Worcester relaying WEEL's sports talk and play-by-play.  
 WEEL drops all-news, leaving the city with no such fulltimer. WBZ AM, W'BUR \*90.9 take on more news. "For 15 years, the people at WEEL fought so hard to make it THE news station in Boston, and now it's gone up in smoke. I think even its competitors now feel a tinge of regret that it's finished."  
 MA Newton W'NTN 1550 leased out as ethnic much of the day, but carrying Newton news and issues of interest to those over 50. "It's hard for an AM daytimer to compete with the big guys. We had dance music, and we were oldies in the mid-80s; it worked for a while, but then the big stations gobbled it up." [7 a.m.-2 p.m.  
 MN Austin KQAC 970 silent except Sundays,/  
 MN Minneapolis 1130 KFAN (KFAN-FM 107.9 is in Johnson City TX), changing from WDCY, all sports talk. "The station maintained its top 40 format until September, 1977, when an eroding market share forced a switch to country."  
 WDGY calls picked up by 630 St. Paul, which had been KDVB (AM).  
 NY Albany WABY 1400 lets Bob Gordon, who did the 10 a.m. to 3 p.m. time slot playing nostalgic music, go in favor of a satellite show with the same type of music. "Budget cuts" given as the reason by Gordon for his dismissal.  
 NY Fredonia WBUZ 1570 confirmed off the air.  
 OH Canton WINW 1520 "temporarily silent."  
 OR Grants Pass KAGI 930 to be noncommercial, simulcast with KSOR \*90.1 Ashland (has been off the air)  
 OR Portland KGW 620 dismisses 40 staffers, simulcasts with KINK 101.9 FM, which has only 35 on its staff. Format changed to make KGW more attractive to potential buyers. Both stations on market over a year as part of breakup of King Broadcasting Co., Seattle.  
 RI Providence WALE 990: Taken off the air for an hour for technical adjustments (strange that this had to happen during regular broadcast hours), and when it returned Tom Moriarity, newsman, announced they were off because the announcer, Steve White, had been shot. The engineer was not identified, although "Broadcasting Yearbook" lists Steve Sorel as chief engineer. All three fired; police considering bringing charges in this hoax.  
 SC Abbeville WABV 1590 silent.  
 WA Lakewood (Tacoma) KTGN 1480 silent, but the frequency taken over fulltime by KTZN. KTGN had been a Sunday-only station; both stations had religion.  
 WA Seattle area: "The reporter who commented about so many Seattle area AMs duplicating FM's

is misinformed. Of the 29 AM stations in the four-county Seattle-Tacoma area, only five duplicate. Two duplicates are country, two adult contemporary and one is oldies. Two AMs located between Seattle and Tacoma duplicate their urban contemporary formats: 1420 KRIZ Renton and 1560 KZIZ Sumner are located 30 km apart. And another AM has returned to the air: 680 KLDY Lacey-Olympia mostly duplicates the religious programming of 1550-KNTR Ferndale-Bellingham some 150 miles away." BC Vancouver CHQM AM 1320 granted a six-month licence renewal. Now co-owned with CFUN AM 1410 and must be sold according to CRTC rules. "Has been working to spin off" CHQM. PQ Sherbrooke CJRS 1510 silent. NAB/BCFM Radio Financial Report for 1991 shows AM fulltime stations' net revenues declining 9.5% on average, each year from 1987 through 1990, and FM stations decreasing 0.9%, while AM-FM combinations had a 2.1 percent average annual increase during those years.

**FM Rulemakings Proposed**

*First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed*

- AL Bay Minette 106.5C3 for A, WFMI, Oct. 11, 28 [11, 28]
- AR Prairie Grove 94.9C2 for A, KDAB, Oct./GA Americus 98.7C3 for A, WPUR (moving from 97.7A), Sept. 30, Oct. 15
- IN Churubusco 96.3B1 for A, new CP, Oct. 11, 28 [counterproposal]
- IN Huntingburg 100.9B1 for A, WBDG/IA Decorah 104.7A, Sept. 27, Oct. 28
- KS Rozel 98.7C1 for A, KGZE, Sept. 30, Oct. 15
- LA Clayton 107.9A, Oct. 11, 28
- MI Scottsburg 105.3A for 100.9A, WMP1, counterproposal [30, Oct. 15]
- MN Crosby 101.5C3 from 101.7A, KTCF, Sept./MO Potosi 97.7C3 from A, KWVB, site to be 15 km E. because of KFBD 97.7A Waynesville
- NE Hastings 101.5C for C2, KEZH, Oct. 3, 18
- NM Amijo 107.1C for C2, KUCU, Oct. 3, 18
- NC Baysboro 97.9C3 for A, WKZF, Oct. 7, 22
- NC Topsail Beach 103.9C3 for A, WZXS, Oct. 15, 30 [ton, no dates announced]
- OK Antlers 103.7C1 from A, KZUD Wilbur-/TN Huntingdon 100.9C3 for A, WVHR, Oct. 11, 28 [C2, KMKS, Oct. 15, 30]
- TX Bay City 102.5C1 for/ [30, Oct. 15]
- TX Crane 101.3C1 from 100.9A, KAIR, Sept./TX Odessa 107.7C2, Sept. 30, Oct. 15
- TX Rusk 97.7C3 for A, KWRW, Oct. 15, 30
- WA Colfax 102.5C3 for 102.3A, KRAO, Oct. 10, 25
- WA Graham 104.9A, Sept. 30, Oct. 15
- WI Antigo 106.1C3, Oct. 10, 25 [25]
- WI Peshtigo 96.3C2 for 96.1A, WHYB, Oct. 10/

**FM Rulemakings Finalized**

*Dates are when FCC filing windows are open*

- AR Lonoke 106.3C2 from A, KMZX
- CA Arnold 106.1A, Oct. 1-31
- CA Dorrington dismissed 106.1A bid
- CA Fort Bragg 98.5A for 97.7A, KSAY
- CA Goleta dismissed 105.9A bid
- CA Joshua Tree 92.1A, Oct. 7-Nov. 6
- CA Monte Rio 97.7B1 for A, KMGG
- CA Morro Bay 94.1A, Sept. 24-Oct. 24
- CA Oroville 97.7B1 for A, KEWE
- CA Santa Ynez 105.9A, Sept. 27-Oct. 28
- CA Bowdon 105.5A, Oct. 1-31
- GA Griffin, Gogansville, Sparta proposals all dismissed
- MN Waseca 92.1C3 from A, KOWO-FM
- MS Clarksdale WAID 106.5C2 for 106.3A
- MO Knob Noster 105.7C3 from 105.5A, KXFX
- MO Moberly 105.5C3 for A, KZZT
- NM Santa Rosa—dismissed Don R. Davis' bid for reconsideration of 95.9C3 for A
- NY Port Henry 92.1C3 for A, WMNM
- TX Amarillo 99.7A, Sept. 24-Oct. 24
- TX Lometa 101.9A, Oct. 8-Nov. 7

**AM-FM Combo Revenues Rise 2.1%**

VT Middlebury WRMC \*91.1A from \*91.7A  
 VA Chester 93.1A from 92.1A, WDYL  
 VA Mechanicsville 92.1B1 for 92.7A, WCDX  
 VA Ruckersville 101.9A from 92.1A, WXZY  
 WI Hayward 92.3C3 from 92.1A, WRLS  
 WI Menomonie WMEQ-FM 92.1C3 for A  
 WI Spencer 92.3A from 92.1A, WOSX

**Reconsider Studio Staffing Rule, NAB to FCC**

The National Association of Broadcasters, concerned about recent FCC interpretations about main studio staffing, urged the FCC to reconsider its stance. At issue is what constitutes a "meaningful managerial and staff presence" at the main studio. [August, p. 5.] The NAB pointed out that 20 percent of all radio stations have fewer than five fulltime employees. "If the Commission continues to require that two fulltime persons at these small stations always be at the main studio, they could not gather news, sell advertising time, interact with community leaders or perform technical work at the station's transmitter site, which all are essential to the station's operation and survival." NAB suggested that the FCC allow a station to "base" a management-level position at the main studio who may spend a "substantial" amount of time there (but not necessarily fulltime there). The trade group also suggested that the FCC allow a similar, more flexible approach to the activity of "staff-level" persons.

**Radio 1991 To Have a DAB Bus!**

The NAB's Radio 1991, Sept. 11-14, in San Francisco, to feature a DABus demonstration. A temporary DAB installation at the Mt. Sutro site is expected to cover the downtown area. Mobile tests will feature KOIT-AM and 96.5 FM, along with a DAB version of the program for instant testing with headphones. There will also be a stationary test of the Eureka 147 system on the convention floor. The testing will be on UHF channel 52, or 701 mhz. "We're spending a lot of bucks on that. One of the reasons that some people are going to come to San Francisco is to hear what's going on with DAB," NAB's senior VP-science and technology Michael Rau said. "San Francisco's hills will simply not be a problem."

Also at that confab, broadcasters can pick the brains of a barrister. NAB Legal Answers Booth (#731 in the Moscone Center) is the site of "The Lawyer Is In; The Meter Is Off." Attorneys "will give radio broadcasters critical answers in critical times. Whether the issue is time brokerage, upgrading facilities, contests, political ads, RF radiation, etc.—station personnel can get timely legal guidance and personal attention to often complicated problems." Those not going to San Francisco can get help by calling (202) 429-5430. "Don't pass up this valuable NAB member service. We look forward to hearing from you."

**September, 1991**

"Radio's best friend," Art Vuolo will be presenting his famous Video Air-Chex at Radio 1991. The two-hour video featuring famous personalities will be presented over channel 18 at the Marriott Hotel and edited for display at the Moscone Convention Center. Or you can order tapes from Vuolo at \$29.95 from Box 219, Ypsilanti MI 48197.

**NAB to FCC: Relax Ownership Limits**

In view of the imminent transfer of WCCO-AM-TV, WLTE (FM) Minneapolis to CBS, which already owns the maximum of 12 FM stations (Aug., p. 5, col. 3), the NAB has asked the FCC to liberalize radio ownership limits and to take broad actions that allow radio stations to share resources. The NAB pointed out that half the nation's 10,000 FM and AM stations lost money in 1990, and the industry needs help. While those limits at one time encouraged diversity and competition, there has been a dramatic increase in media outlets, most of which compete with radio for the same ad dollars. "Enlarging group ownership limits can give struggling radio stations the resources necessary, and management and programming expertise, to compete effectively. As more and more media outlets compete for limited ad revenue, ownership restrictions ultimately result in less diversity of programming by preventing struggling radio stations from reaping the full advantages of group ownership," the NAB told the FCC. Among NAB's suggestions: ✓Reject national ownership limits that prevent owning of AM-AM or FM-FM combinations in local markets; ✓other combinations of ownerships should be examined by the FCC on a case-by-case basis. ✓Continue to encourage joint operations among stations. "Collaborative efforts have often made it possible for marginal stations to remain on the air." By embracing policies which adapt to changing market realities, the FCC can help the "increasing number of ailing stations that are leashed to mediocrity because of outdated rules."

**FCC Forfeitures Spelled Out**

Thanks to expanded Congressional authority to mete out fines to miscreant broadcasters, the FCC has adopted what the NAB shockingly calls a "fee schedule." The "rate card" printed here from the NAB's *RadioWeek*, is a "base fine" which can be adjusted upward or downward in light of the specific nature, circumstances, extent and gravity of the violation. The maximum fine is \$25,000, with a cap of \$250,000 for a "continuing violation." Thus, the maximum fines shown are 80% of the \$25,000. If the FCC found the violation intentional, the fine could be higher than shown, but if the station had an overall history of rule compliance

**Violation**

Violation	Base Fines
Failure to comply with prescribed lighting and marking	\$20,000
Construction and/or operation without an instrument of authorization for the service	\$20,000
Unauthorized substantial transfer of control	\$20,000
Failure to permit inspection	\$18,750
Malicious interference	\$17,500
Failure to respond to Commission communications	\$17,500
Exceeding power limits	\$12,500
EBS equipment not installed or operational	\$12,500
Violation of broadcast EEO rules	\$12,500
Violation of political rules	\$12,500
Unauthorized discontinuance of service	\$10,000
Violation of main studio rule	\$10,000
Violation of public file rules	\$7,500
Violation of sponsorship ID requirements	\$6,250
Violation of requirements pertaining to broadcasting of lotteries or contests	\$6,250
Broadcasting telephone conversations without authorization	\$5,000
Failure to provide station ID	\$2,500

and/or payment of the fine would cause serious economic hardship, the fine could be lowered.

**Small-Print Happenings and FM Industry News**

Supporting consultant Larry Fuss' petition to the FCC that an "entrepreneurs' preference" go to the first person who suggests an FM allocation to the FCC, is the NAB. [July, p. 7, col. 1.] Such a preference would be especially valuable to AM station owners who are trying to start up new FM stations in their markets. This preference is needed to "reward the time and monetary investment (including legal and engineering fees) that a party—often an existing (and likely an AM) broadcaster—expends in persuading the FCC to add a channel to the Commission's FM table of allotments. Once the channel is added, and the time for filing applications arrives, the original party typically is confronted with several other applicants seeking to operate the new FM station." Existing broadcasters work under the handicap of the comparative hearing process which often goes against existing stations in an effort to bring about diversity of media voices in a community. An entrepreneur's preference would aid "only those applicants who were truly interested in operating the facility," which contrasts with others who may enter the game late and win the license and then immediately sell it, defeating the purpose of a hearing.

As a publisher it was disappointing to read a letter from Susan M. Hill, vice president, NAB's Library and Information Center. "After many years of sponsoring a combined book exhibit at the NAB Convention... the NAB Library and Information Center has decided to close the exhibit. We developed the exhibit 14 years ago to fill a need. For many years, the L&IC exhibit at the convention was the only place to see books pertaining to broadcasting. This need to provide an opportunity for attendees to learn about industry-related books has been met. Several publishers now rent space on the exhibit floor, the NAB Services Department sells books, and the Broadcast Education Association has a textbook fair at their meeting which overlaps the NAB Convention."

A way for a small market station to make more dollars: Bruce Grassman, owner of WOWN 99.3 Shawano WI and its AM, and permittee of new KWNO-FM 99.3 Rushford-Winona MN, had extra space at the studio site, which was just large enough for a 26-unit "you store" facility. Such a site is non-labor intensive. "People simply drop by the station and pay their rent to the receptionist." The smallest unit rents for \$30 per month. Vacancies are filled by spots run on-air or by posters. Building the facility cost \$27,000. So far, it has brought in \$6,000 per year, and by six

years it should be nicely profitable. Another storage site is planned to be built next year.

NFCE nixes a national morning radio program. This during the 16th annual conference of the community broadcasters' group in Cambridge MA. It will, however, aid in the design and direction of such a program if member stations want to do it themselves.

The University of Texas' *Stardate* has gone into a dark hole, with the firing of producer Deborah Byrd. Technical editor Derek Willis and announcer Joel Block quit after Byrd departed. The trio is expected to land a daily two-minute series about natural science phenomena to be called "Earth and Sky." The U. of TX McDonald Observatory says the program will continue. "Stardate is an institution and a public information vehicle. It is not a showcase for a writer. We will be moving on," said Sandra Barnes, public information officer for the Observatory.

KBEM \*88.5 Minneapolis announced the first annual mini-jazz festival at Riverplace, Sept. 7 and 8, as a concert to benefit the jazz station, which is owned by the Minneapolis Public Schools.

TN Memphis WKNO-FM \*91.1 begins simulcasting with WREG, channel 3, for its local evening newscast, in what is perhaps a first among a big city public FM and a commercial TV. TV commercials are replaced by WKNO-FM promos and underwriting credits. The other TV outlets in Memphis simulcast with area AMs, but WREG wanted to be on FM. "It's the image our station has. They wanted identity with that image, and they definitely wanted to be on FM," said Dan Campbell, WKNO-FM's director of radio services. It seems that simulcasting with a public FM station was preferable to being on a commercial AM station for WREG.

Responding to criticism that WKRH 105.9 Bath ME is a machine, a visit by an alternative media reporter found that a dj, "Doc" Roberts, was indeed live during the 6 to 10 a.m. show, but the station wouldn't divulge just how much of the programming is "live" and how much is satellite. Shortly after the interview, WKRH switched back to satellite programming. WKRH later said that it has to watch its costs, and reminded that its channel had been off the air, and now it is trying to provide service at a price that does not jeopardize its operation.

WYNY 103.5 New York almost had to find alternative studios for a while, since offices upstairs were being renovated for a new tenant, Worldvision Enterprises, a TV syndication outfit. At the last moment, an agreement allowed for construction to go on for 12 hours while WYNY used taped programming those 12 hours, and live the rest of the time.

Three Boston area stations have formed a "Rock Network." WBOS 92.9, WFNX 101.7 and WCGY 93.7 are cooperating in the sale of

advertising time, but retaining individual programming. "None of the three stations gets gangbuster ratings, but the combined ratings of the three will allow the network to rank No. 1, 2 or 3 with 18-to-49-year-old listeners." Each station will keep its own sales staff, but the network will step in and help them sell to the 20 top ad agencies in Boston. WBCN and WXKS-FM take in the biggest share of the advertising in the city. With the lagging economy and poor ratings faced by the three stations, it's a way they hope will enable them to gain a large share of the advertising dollars. One of that trio is WBOS 92.9 Brookline-Boston, which is on the market by Ackerley Communications. Ackerley has paired it with WAXY 105.9 Fort Lauderdale-Miami in the \$28 million price range. This would mean a \$12 million loss, since Ackerley paid \$40 million for the two properties. It paid \$19 million for WAXY in 1988 and \$21 million for WBOS in 1989. Broker Gary Stevens is handling the sale and says either station could be sold separately.

Toole and Company granted a request for reconsideration by the FCC and had a \$6,760 hearing fee refunded. The fee had been paid prior to the parties reaching a settlement agreement on the application for 97.9A at Eufaula AL (to be WDMT).

In Canada news, the CRTC asked for comment about what to do with the shut-down CKO news service and what use might be made of the frequencies thus let go. Most comments came from the Toronto area, with many suggestions that the 99.1 spot sprout an urban format. Other ideas were for a national service including all-news, senior citizens' programming, ethnic/multi-cultural, a network for French-speaking citizens outside Quebec, an alternative private commercial service, a dance music network, and a youth-oriented service. The CRTC promised to consider all the proposals when the freeze on CKO facilities' applications is lifted later this month.

Look for a documentary about radio pioneers by "Civil War" creator Ken Burns on PBS television in January. The program, "Empire of the Air: The Men Who Made Radio," will feature profiles of pioneers David Sarnoff, Lee DeForest, and Edwin H. Armstrong. Also from the *M Street Journal*, NPR is offering its members a one-hour holiday tribute, "Good Morning Vietnam," for use Nov. 8 and 11. The program will feature former Armed Forces Radio disc jockey Adrian Cronauer whose Vietnam broadcast career inspired the Robin Williams character in the 1987 movie of the same name. Cronauer, now a lawyer, will play clips from his original 1966 program with '60s music, and will discuss the significance of disc jockeys, then and now, helping overseas soldiers during wartime by keeping them in touch with the music and trends from home. Many of those broadcasts in 'Nam were on FM.

The FCC has renewed the applications of KOLL 94.9 Pine Bluff and KBLT 95.9 El Dorado AR, denying objections filed by the NAACP and the National Black Media Coalition. KOLL and KBLT had conditions placed on their renewals, and were slapped with \$2,000 fines for inadequate record keeping.

RDS, Cue Paging tested, using KLON \*88.1 Long Beach to see if the two systems at 57 kHz are compatible. Both systems also need to test to see if they will co-exist with services at 67 kHz SCS. Judging from what my contact in Mississippi says, they may not be.

Another anti-bugging device or station has turned up. It's not in Russia or Lithuania, but in good ol' Boston, where WZLX 100.7 claims to have just the answer to coping with pesky critters. It is adding transmissions from the "Transonic IXL Pest Repeller" into the schedule. The device, if it works, sends out a barely audible sound that is said to drive insects crazy, and is potentially good at making mosquitos disinterested in their victims. Even if the device—or tone or whatever—is worthless the station will reap promotional value from its "bug-free

weekends," and by giving away Beatles CDs and videos of the films *Beatlejuice* and *The Fly*. Perhaps this would be a creative use of FM subcarriers, especially if enough crosstalk could leak into the main channel!

From the classifieds: General manager with 17 years' broadcasting experience seeks a station management position with a company which has the facilities and desire to win the competition for advertising dollars and audience. Increased profit and decreased expenses by impressive margins. Currently employed and looking to come home to Minnesota. Contact Rick at (H) 715 282-6504.

News and public affairs director KGNU \*88.5 Boulder CO. Wants someone with a minimum of two years in public radio, good on-air presence, knowledge of journalism principles. \$17,500 plus benefits, EOE. Letter, five-minute tape and resume and three references' names to Ms. Marty Durlin, station manager, KGNU, PO Box 885, Boulder CO 80306.

## FM FORUM

### CONTRIBUTIONS FROM READERS

A reader sent further information on the plight of KUCB \*89.3 Des Moines, now faced with an FCC hearing and two rival groups that want its channel. Both groups promise minority-oriented programming. One is the Association of Community Organizations (ACORN), based in Des Moines and the other is led by Larry Nevilles, a black radio personality at KDMI 97.3 Des Moines. [See last month, p. 6, col. 1 for the charges against KUCB.] Among other charges by the FCC are that Charles Knox, president of KUCB's operator, the Center for the Study and Application of Black Economic Development, and a former leader of the Iowa Black Panthers, was convicted in 1987 of posing as a lawyer to obtain jail-house visits with an imprisoned Chicago gang leader. KUCB claims Knox, who now is called Mahmoud Abbass, is merely a consultant to the station. Since early 1990 the station signal has improved, no longer "wandering" onto other station frequencies, and has "emerged as an important voice of the black community. . . in the aftermath of a gang-related shooting in Des Moines." Said Imam Ako Abdul-Smad, station vice president: "We've been on the air, we've been very functional. I think we can stand on our record and what we're doing." The challenge from ACORN, however, may fizzle. ACORN filed its petition in early 1990 "simply to make sure there would be an inner-city radio station," said Lorenzo Jasso, ACORN board member. Back then, "the likelihood of KUCB continuing was very slim," he said. "KUCB fulfills a valuable need for the community."

A TX reader who sometimes receives across-the-border FM says "FMedia! and the *FM Atlas* helped out tremendously in identifying what I heard, but I have only one complaint—the Mexican stations are not listed by frequency. Would it be too much trouble to add them to the frequency list in the next edition?"

The "New York Times" seems to be dissecting radio by format. First it was classical, now so-called "pop radio" which is somehow suffering a "midlife crisis." Local Z-100, WHTZ 100.3 Newark-New York had been No. 1 from 1987 through the summer of 1989, and now is only at No. 10. Competition includes not only

other radio stations but things like MTVideo. Another article mentioned how increased station crowding is making it hard for people in the suburbs to hear central-city FM programming. The solution Hans Fantel sees is a better tuner, such as the Integra T-909011, by Onkyo, Yamaha's TX-2000, or Harman-Kardon's \$699 Citation 23; or better yet, with a directional FM antenna. A few of my friends and I have been successfully modifying many FM radios for better selectivity using ceramic filters, which often permit sharper tuning than factory original filters.

From America's heartland, Chuck Gysi sent an article he wrote on the struggles of KCPS 1150 AM Burlington IA to get 103.1C3. It was successful in getting the channel allotted to that river city, but there is no "pioneer's preference," and KCPS has been hit with a competing application from John T. Pritchard, who is buying KKMI 93.5 there from Darryl Hensley, better known as "The Mad Hatter." Pritchard would sell his interest in KKMI if he could get the 103.1 station. KCPS feels it would score at the FCC because of something called the "enhancement factor," which supposedly allows the FCC to give him credit for operating a local AM daytimer. As for KKMI, Pritchard plans to up its operating hours from 17½ to 24 a day and hire more personnel to make that a possibility. He's also planning to hire a news director and a news staff and was reviewing applications for those posts at last report.

Mike Kohl recently returned from Turkey and other countries in the Mideast. Here are excerpts from his letter. "For portability while retaining superior sensitivity, I will recommend the Grundig Yacht Boy radio. It covers AM/FM/long wave and most short wave frequencies, and with competitive pricing can be had around \$200. Headphones are essential as are a pile of AA batteries. . . First stop: Amman, Jordan. English language radio in the Mideast is very limited. I never thought I would depend upon VOA and BBC for an eye on the world, but it is essential that a good shortwave radio be employed to get anything. . . Jordan has both English and Arabic services. They are on longwave, AM, and FM. FM frequencies will simulcast AM and LW, but will be in stereo. The English language service plays quite a few hours daily of western pop music, though most hits are about 10 years old. In certain parts of Amman, I could get FM signals from eastern Israel and the occupied territories. Again, FM simulcast of AM stations, and seldom in English.

"Next, Paris, France. I could not find a complete guide to FM stations for Paris. Pity, the dial is almost as crowded as Los Angeles, Chicago or New York. Billboard Publications has two must-have books for Americans going overseas. First, the *World Radio-TV Handbook* and secondly, the *Traveler's Guide to World Radio*. Both have their shortcomings, and I see a hole in at least the European market that could use a detailed book like your *FM Atlas*. Many countries, especially France and the U.K. have what might be called

'national' networks. They will be headquartered in major centers such as Paris or London, and have relays and translators of varying power throughout the country. . . Every Paris station on the FM band that I encountered was French language, even though 40% of them were playing British and American rock music of all varieties. If you are up to the challenge, here's a book idea for you, Bruce. . . Amsterdam and Frankfurt seemed to be geared more towards FM than AM radio. Very limited English language (AFN in Frankfurt), but quite a bit of selection in formats. The same can be said for Geneva.

"Tirana, Albania. I got to uplink news coverage of the first free elections in nearly 50 years, in late March and April. Albanian radio is not much to write home about—transmitter locations are listed quite accurately in WRTVH. FM duplicates AM, as is the case in most Third World countries that have FM at all. Another vote for VOA and BBC, if you speak only English. If popular music is what you are looking for, I did find some good stations directly across the water in Italy.

"Turkey. Five weeks and nearly 3000 kilometers in buses and other ground transportation showed me a lot of the country. The WRTVH was pretty accurate in the larger communities. Government control of communications is still the situation in Turkey, but most communities have at least two FM relays available. Several networks of TRT (Turkish Radio and Television) are maintained. TRT-1 consists of numerous high powered mono stations on longwave and AM. TRT-2 and TRT-4 are mono networks transmitting on the FM band. TRT-3 is in stereo. Power output is typically 30 kw, with a handful of 60 kw transmitters, plus a few lower power relays. Variety could best describe the format on all networks. You might find one network playing an hour or two of rock music in parts of the afternoon and evening, and then abruptly shift to a talk program or traditional Turkish music. An attempt to please most segments of the listening audience. . .

"We are very fortunate to have the variety of programming formats and station facilities here in the United States. Much of this is taken for granted until you step outside our borders. Until we have worldwide radio (digital audio) via satellite, this situation will stay the same. AM and shortwave radio will still be a major player in the Third World. The masses need inexpensive radios (I saw good Chinese shortwave units for \$25 in Turkey) and the economics of getting signals to very remote places will dictate high powered shortwave stations. High quality FM is great, but economics simply cannot justify putting transmitters everywhere. I'm afraid that inexpensive satellite radio receivers incorporating digital technology are going to be the answer for remote areas. Population centers could utilize the same technology to feed numerous signals to low powered FM relays, but that is another subject."

Until November or October. One month may be missed as I prepare a new, 14th edition *FM Atlas*. *Bruce F. Elving*

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†No issue the month the "FM Atlas" goes  
 to press; FMedia averages 11 issues per year.

1991  
 October, 1991

## New FM Station, Translator Grants

- AL Fruithurst (ENE of Anniston near GA border) 102.7 6000 watts horizontal and vertical effective radiated power; 100 meters above average terrain, Steven L. Gradick
- AL Hartselle 106.1 3000 h,v; 100 m, Dorsey E. Newman [ton Bcstg. Corp.]
- AL Trussville 105.9 1000 h,v; 171 m, Stan-/AK Ketchikan K220AB \*91.9 (WMBI-FM 90.1 Chicago assumed via satellite; primary not stated, but owned by K. Christian Bcstg. Corp.)
- AK Soldotna K283AB 104.5 (KWVV 103.5 Homer translator) [Rick L. Murphy]
- AZ Seligman 103.3 460 watts h, v; 240 m, /CA Chico K204AA \*88.7 (KCHO 91.7 Chico)
- CA Ferndale K206AU \*89.1 (KHSU 90.5 Arcata translator, reinstated)
- CA Scotia K207BA \*89.3 (KHSU, reinstated)
- CA Willow Creek K2048L \*88.7 (KHSU, reinstated) [Grand Junction]
- CO Norwood K218BH \*91.5 (KJOL 90.1/FL Alachua (High Springs) 92.5 3000 h,v; 100 m, Eve Ackerman, initial decision, subject to reversal [m, Genesis Bcstg. Corp.]
- GA Warner Robins 102.5 6000 h,v; 100/ GA Zebulon 92.5 3000 h,v; 100 m, Spalding
- ID Ketchum 104.7 160 h,v; 586 m, Jim Kincer
- IL Arcola WZNX 107.9 2500 h,v; 150 m, Rollings [day Bcstg. Ltd.]
- IL Champaign 100.3 25000 h,v; 100 m, Holi-/IL Norris City \*90.1 22000 v; 90 m (vertical only), g, Voice of Calvary Ministries
- IL Olney \*90.3 25000 h,v; 144 m, S. IL U.
- IL Rockford (not MI, as reported last month) WFEN \*88.3 5400 h,v; 99 m, Rockford Educational Broadcasting Foundation. FCC error had it on 102.3, which channel would not fit into the IL city because of Rochelle 102.3. On air, stereo, 24 hours, rg, "light contemporary," slightly less hard in its

- KS Topeka \*90.3 11000 h,v; 256 m, g, New Life Fellowship, Inc., with FCC denying Bible Broadcasting Network its 89.9 Topeka bid
- KY Russell Springs 92.7 3000 h,v; 100 m, Twinlakes Communications
- LA Buras \*91.9 3000 h,v; 50 m, Deep Delta Radio, Inc., co-owned with KVDP \*89.1 Dry Prong
- ME Sanford \*88.5 100 v, 118 m, vertical only, g, Word Radio Ed'l. Foundation [well Bcstg.]
- MA Turners Falls 93.9 3000 h,v; 100 m, Card-/MA Worcester WAYW! \*91.9 700 h,v; 158 m, d-a, U. of MA, reinstatement of CP
- MN Rochester W231AA \*94.1 (WCTS 100.3 Minneapolis) [den Gulf Coast Bcstg.]
- MS Ocean Springs 92.5 3000 h,v; 100 m, Gol-/NV Orovada K219BT \*91.7 (KNIS 91.3 Carson City) [100 m, Jeanne T. Haefner]
- NJ North Cape May 106.7 3000 h,v;/NM Santa Fe 94.7 43000 h,v; 852 m, John Strelitz [WFGB 89.7 Kingston]
- NY Balmville (Newburgh) W202AR \*88.3/ NY Blue Mountain Lake \*89.9 110 h,v; 527 m, St. Lawrence U., replacing translator (see "Deletions," below)
- OH North Bend K299AA 107.7 (KACW 107.3 North Bend, via microwave)
- PA Port Matilda (W. of State College, NE Tyrone) 107.9 3000 h,v; 100 m, The Orkus'
- SC Greer 103.3 3000 h,v; 100 m, G. Communications
- SC Pawleys Island 100.3 3000 h,v; 100 m, Audrey R. Morris
- TN Benton 93.1 6000 h,v; 94 m, Stonewood Communications Corp. [O. Davis]
- TN Lafayette 104.1 3000 h,v; 100 m, Ivon/ TX Gainesville 107.9 50000 h,v; 129 m, Kevin Potter, initial decision, subject to reversal. Potter, 34, is president of WMOI 97.7 and its AM, Monmouth IL. He promised to move to Gainesville. Rival Mark Rodriguez, Jr., is manager of KLTU 94.1 Fort Worth, whose brother, Antonio, is president of KSSA-FM-AM McKinney TX. Rodriguez' station would be operated in conjunction with KSSA AM. The FCC favored Potter on intergration of ownership and management, since Potter would devote fulltime to the new Gainesville station and hire a manager for Monmouth. Rodriguez only promised 20 hours a week in Gainesville and said he would rent an apartment there.

- CA Oxnard 102.9 KXLM (KLSM)
- CA Portola \*89.7 K209AU (K219BC)
- FL Live Oak 106.1 WLVO
- FL Palm Bay \*90.3 WEJF
- FL Panama City Beach 100.1 WSEA
- GA Darien 107.7 WYNR, to 123 m (50000 h,v)
- GA Hinesville 104.7 WHVL (WSEU)
- GA Sylvester 102.1 WVYF [h,v (152 m)]
- GA Wrens 96.7 WAKB (WAKB-FM), to 2600/ HI Paauiio 103.7 KILU (KHCR)
- HI Pearl City 101.9 KUPU (KPCY)
- ID Chubbuck 98.5 KRSS (KRCD-FM), changing to g
- ID Hayden 94.5 KKCH (KMWC)
- IL Augusta \*101.1 WAHI
- IN Greenwood 106.7 WVYJ
- IN Lagrange 105.5 WYPI
- IN South Bend 103.9 WRBR (WZZP); o, "Oldies 103.9," next on dial to "Oldies 104.3" Chicago. "Original, ain't it?"
- IN Terre Haute \*88.5 WCRF (WXKF)
- KS Augusta 104.5 KLLS (KQUI)
- KS Dodge City 93.9 KDGB (KLLS)
- KS Minneapolis 92.7 KILS
- KY Bowling Green 96.7 WBZD (WCBZ)
- KY Williamstown 106.5 WNKR (WVEA)
- KY Wilmore 96.3 WYVI
- LA Belle Chasse 102.9 KMEZ (KNOK), sr, shutting out "The Breeze"; enters a programming agreement with WLMG 101.9 New Orleans
- LA Monroe 105.3 KLIP
- ME North Windham 106.7 WVYH
- ME Portland 97.9 WCSO-FM (WWGT-FM), rm, "Coast 98"
- MD Federalsburg 107.1 WQMR (WDLE)
- MI Cadillac 107.1 WCKJ (WYTW)
- MI Coleman 101.5 WPRJ (WSMZ), to 2200 h,v; 114 m
- MI Essexville 97.3 WIXC
- MI Grayling 100.3 WFXX (WQON)
- MI Walker 100.5 WQFN
- MN Thief River Falls \*102.7 KNTN (KVVLL), noncommercial, nt, mono
- MS Port Gibson 100.5 WVYE
- MO Aurora 100.5 KGMV (KELE)
- MT Forsyth 101.3 KIKC-FM (KIKC)
- NE York 104.9 KTMX (KAWL-FM)
- NH Hampton 102.1 WZEA
- NH Peterborough 92.1 WNHQ (WMDK), rm
- NH Somersworth 98.7 WTSN-FM (AM is in Dover NH)
- NH Walpole 96.3 WLPL
- NJ Margate City 96.1 WTTH (WMXL)
- NY Ballston Spa 102.3 WZRQ (WQQY), p, Z-Rock
- NY Buffalo 96.9 WGRF (WGR-FM), entering into an agreement with WUFX 103.3 and WXXB AM. Rich Communications (WGRF) will supply programming and advertising sales for WUFX for five years, with each station to be programmed separately, but to be known as the Rock Network. At least 10 staffers let go at WUFX, and the entire on-air staff of WXXB. No decision made on what to do with the "low-rated" WXXB.
- NY Mechanicville 104.5 WVYD [m]
- NY Middletown \*91.7 WQSR, to 5000h,v; 107/ NC Goldsboro 102.3 WEQR (WOKN)
- NC Highlands 104.5 WHLC
- OK Ardmore 95.7 KKAJ-FM (KKAJ)
- OK Henryetta 99.5 KSTM (KQMFJ), r, "The Storm" (from "Magic 99")
- OK Nowata 101.5 KOUH
- OK Oklahoma City 98.9 KYIS (KZBS), r, "Kiss" (from "Z-99")
- OK Weatherford 97.3 KWEY-FM (KBXR)
- OR John Day \*91.9 KCNR [ies 99"]
- PA Easton 99.9 WODE-FM (WHXT), "Old-



4700 S. Main St.  
 Rockford, IL 61102

Christian rock than WQFL 100.9. No SCS to date. "Proposed 57 kHz paging, 92 kHz audio." CBN affiliated. "Unfortunately it turned up on 88.3 instead of expected 102.3. That makes two Rockford area Bible thumpers cluttering the one part of the band I like to DX (listen for distant stations), the other being WGSF 91.1. How can the FCC authorize such last-minute shifts?"

- TX Howe (Sherman) 95.3 6000 h,v; 100 m, Maple Communications [Humble]
- TX Lake Jackson K216BX \*91.1 (KSBJ 89.3/

## Call Letters Assigned or Changed

- AL Georgiana 107.7 WWSA (from WZQD)
- AK Kenai 104.9 K285EF (K285DT)
- AZ Buckeye 106.9 KMJK (KYNI)
- AZ Oracle 103.1 KQLD (KBTR), k[ountry]
- CA Avalon 92.7 KOUJ
- CA Groveland \*91.7 KOUJ
- CA Lucerne Valley 106.5 KOUJ

PA Harrisburg 99.3 WIMX-FM (WIMX)  
 PA South Williamsport 99.3 WZXR (WFXX-FM),  
 r, back to. "Three cheers!"  
 TN Jackson 101.5 WVYG  
 TN Smyrna 94.1 WYPE  
 TX Claude 95.7 KARX (KQXB)  
 TX Georgetown 107.7 KNNC (KJWL), r  
 TX San Angelo 93.9 KCRN-FM (KTEO-FM)  
 TX Wichita Falls \*90.5 KTEO (KCRN)  
 VA South Boston 95.3 WYPA  
 WI Green Bay \*88.1 WYPD  
 WI Mosinee 94.7 WOFM (WEHM) (mono)  
 WI Park Falls 98.3 WCOM (WNBI-FM), o, still/  
 AB Lethbridge 107.7 CFRV (CILA), "The  
 River" [U-FM" (from "Zed 103")]  
 MB Winnipeg 103.1 CKLU (CHZZ), mr, "103/  
 ON Dubreuilville \*97.9 CBON-11 (not CBON-1)  
 ON Hamilton 95.3 CJXY (CKDS), op, "Y-95"  
 (strict). "Very little mention of Hamilton or  
 95.3. Format is now classic rock."  
 ON Lafontaine 101.9 CFRH-3 (CFLH)  
 ON Perkinfield 89.7 CFRH-2 (assumed)  
 ON Windsor 93.9 CKLW-FM (CKMR), still "o,"  
 but some late '80s "recurrents. . . The  
 Canadian government makes them run lots of  
 news, and they employ the most bored,  
 unenthusiastic news presenters that I have  
 ever heard in a major city. The only positive  
 thing to listen for are the old vintage 'CKLW'  
 jingles that they are using from the legendary  
 CKLW-AM. They always use call letters. . .  
 '93.9—today's CKLW-FM'. Why 'today's'—  
 since they play no music from the 1990s?"  
 TA Nuevo Laredo 97.1 XHNLO (not XHMLO),  
 mr. "Technical info on Mexico is hard to get."

**Facilities' Changes Granted**

AL Muscle Shoals (from Florence) W280AH  
 103.9  
 AL Ozark WQLS 103.9 6000 h,v (100 m)  
 AL Trinity WUIC 92.5 3100 h,v; 129 m  
 AL Warrior (new) 98.7 6000 h,v (100 m)  
 AK Kodiak K274AB 102.7 (from K272BW  
 102.3) [50000 h,v; 150 m, C2  
 AZ Green Valley KQSN 92.1/ [h,v]  
 AZ Payson KRIM 104.3 355 m (100000/ [C3  
 AR Forrest City KBFC 93.5 25000 h,v; 100 m/  
 AR Jonesboro KDEZ 100.3 (having moved from  
 100.1)  
 AR Maumelle (from Pine Bluff) KOLL 94.9  
 AR Newport KOKR 105.5 4100 h,v (67 m)  
 CA Hollister KHIP 93.5 120 hv (688 m)  
 CA Irvine KUCI \*88.9 200 h,v; -3 m, d-a, Class A  
 CA Merced KDAT 106.3 3000 h,v (145 m), \$, rk,  
 expected back on air soon [h,v; 157 m  
 CA Salinas KRAY 103.5 (from 103.9) 1200/  
 CA Winton KFMK 98.7 4400 h,v (117 m)  
 CO Evergreen (new) 96.5 93000 h,v (466 m, d-a)  
 CO Grand Junction KJOL \*90.3 1500 h,v; 395 m  
 CO Wray KATR 98.3 50000 h,v; 83 m, C2  
 DE Bethany Beach WWTR 95.9 100 m (3000  
 h,v)  
 FL Vero Beach WAVW 101.7 3100 h,v (144 m)  
 FL West Palm Beach WIRK 107.9 163 m  
 (100000 h,v)  
 GA Chatsworth WQMT 98.9 950 h,v; 248 m  
 GA Gordon WMRW 107.1 2300 h,v (165 m)  
 GA Lakeland WHFE 105.9 6000 h,v (100 m)  
 GA Milledgeville WKZR 102.3 3300 h,v (91 m)  
 GA Millen WMKO 94.9 16000 h,v (122 m), C3  
 GA Rome WKCX 97.7 4100 h,v; 240 m, C3  
 GA Vidalia WTCQ 97.7 6000 h,v (88 m)  
 ID Twin Falls KAWZ \*89.9 (from 89.5) 7000 h,v;  
 303 m  
 IL Champaign WHMS 97.5 109 m (50000 h,v)  
 IL Herrin (new) 92.7 6000 h,v (99 m)  
 IL Macomb WKAI 100.1 3100 h,v; 141 m  
 IN Indianapolis WAJC \*104.5 50000 h,v; 150 m  
 IN Rensselaer WLQI 97.7 3300 h,v (91 m)  
 IN Terre Haute WMHD \*90.5 106 m (160 h)  
 IA Bettendorf KQCS 93.5 3300 h,v (90 m)  
 IA Mount Pleasant KILJ-FM 105.5 24000 h,v;  
 103 m, C3  
 KS Baxter Springs KMOQ 107.1 6000 h,v (91 m)  
 KY Hindman WKCB-FM 107.1 1600 h,v (198 m)  
 KY Manchester WTBK 105.7 3100 h,v (141 m)  
 KY Mayfield WXID 94.7 131 m, d-a (50000 h,v)

KY Pineville WZKO 106.3 1050 h,v; 234 m  
 LA Alexandria KDKS 93.9 6000 h,v (100 m)  
 LA Brusly KRVE 96.1 (from 96.3) 43000 h,v;  
 137 m, C2, "The River"  
 MD Halfway WQCM 96.7 4800 h,v (50 m)  
 MI Clare WCFX 95.3 6000 h,v (100 m)  
 MI Gulliver WTIQ-FM 94.7 248 m (100000 h,v),  
 site near Cooks MI, to serve Munising,  
 Escanaba [(100000 h,v)  
 MI Sault Ste. Marie WYSS 99.5 133 m/  
 MN Alexandria KSTQ 99.3 6000 h,v (91 m)  
 MN Owatonna KRFO-FM 104.9 adds vertical  
 MS Pascagoula WGD-FM 105.9 (from 106.3)  
 25000 h,v; 100 m, C3 [98.3]  
 MS Quitman WYKK 98.9 (having moved from/  
 MO Moberly KZZT 105.5 6000 h,v (100 m)  
 MO Mountain Grove KCMG-FM 106.5 (from  
 92.7) [h,v; 143 m, C3  
 MO Sikeston KSTG 97.9 (from 97.7) 12400/  
 MO Sparta KLTQ 96.5 50000 h,v; 150 m, C2  
 MO Warrenton KFAY 99.9 2500 h,v; 156 m  
 MT Belgrade KGVW-FM 96.7 213 m (3000 h,v)  
 NV Elko KRJC 95.3 25000 h,v; 236 m, C1  
 NH Jackson WZJN 99.5 470 h,v; 254 m  
 NJ Fort Lee W276AQ 103.1 now with WBAB  
 102.3 Babylon NY and no longer with WDRE  
 92.7 Garden City NY. "In the past it's been  
 WPST, WALK-FM, WHTZ, WYNY, WDRE  
 and now WBAB. World's record?"  
 NY Canajoharie WCAN \*93.3 6000 h,v (11 m)  
 NY Kingston WFGB \*89.7 453 m (3100 h,v),  
 non d-a  
 WAMK \*90.9 453 m (940 h,v) [(72 m)  
 NY North Syracuse WEZG 100.9 6000 h,v/  
 NY Oneonta WSQC \*91.7 570 h,v, 2300 v; 161 m  
 NY Remsen WIBQ 93.5 6000 h,v (73 m) [m]  
 NY Sag Harbor WLNG-FM 92.1 5300 h,v (107/  
 NY Sidney WCDO-FM 100.9 1900 h,v; 176 m  
 NY West Point WKDT \*89.3 has vertical (100  
 h,v; -150 m). "We are not licensed by the  
 FCC. The Department of Defense has an  
 understanding with the FCC with all our  
 stations—as long as they don't cause inter-  
 ference to any other station they can stay on  
 the air. The same applies to stations in  
 Annapolis MD, Fort Gordon GA and Color-  
 ado Springs CO." WLJP \*89.3 Monroe NY  
 has agreed to accept any interference that  
 WKDT might cause. "WKDT gets out fairly  
 well considering their poor location. They are  
 only interested in serving five dorms and the  
 campus. . . They serve 5 km as an absolute  
 maximum, but 2 to 3 km is their regular  
 coverage."  
 NC Henderson WYFL \*92.5 d-a, noncommercial  
 NC Morehead City WRHT 96.3 100000 h,v; 143  
 m, C1  
 NC Wilmington (new) 105.3 3400 h,v; 85 m  
 OH Beipre WMBP \*91.7 170 h,v; 105 m, gr  
 OH Cleveland WLTF 106.5 11300 h,v; 316 m  
 OH West Carrollton WROU 92.1 890 h,v; 182 m  
 OR Jacksonville K298AA 107.5 (from K252AA  
 98.3) [50000 h,v; 386 m  
 OR Portland KWJJ-FM 99.5/ [(203 m)  
 PA Coudersport WFRM-FM 96.7 1500 h,v/  
 PA Erie WEFR \*88.1 630 h,v; 131 m, non d-a  
 PA Mercersburg WGLL 92.1 3300 h,v (143 m)  
 PA State College WTLR \*89.9 178 m (25000  
 h,v)  
 PA Union City WCTL 106.3 3400 h,v; 131 m  
 SC Barnwell WBAW-FM 99.1 (from 101.7)  
 25000 h,v (100 m), C3  
 SC Cayce WHKZ 96.7 3300 h,v (135 m)  
 SC Greenwood WSCZ 96.7 4100 h,v (119 m)  
 SC Moncks Corner WJYQ 105.5 4500 h,v; 114 m  
 SC Parris Island WOCW 92.1 6000 h,v (100 m)  
 SD Moberly KOLY-FM 99.5 100000 h,v; 177 m  
 TN Murfreesboro WRMX 96.3 52000 h,v; 392 m,  
 d-a  
 TX Clifton KWOW 103.3 8400 h,v; 175 m  
 TX Denison KDSQ 101.7 17600 h,v; 117 m, C3  
 TX Johnson City KFAN-FM 107.9 37200 h,v;  
 170 m [h,v (140 m), C3  
 TX Llano KLKM 104.7 (from 104.9) 11000/  
 TX Lytle KXPZ \*91.3 92 m (3000 h,v) [m]  
 TX Mesquite KEOM \*88.36 1000 h,v, d-a (174/  
 TX Refugio KZTX 106.1 (from 106.3) 25000

h,v; 100 m, C3  
 VT Hartford WGLV 104.3 2700 h,v; 149 m  
 VA Harrisonburg WQPO 100.7 3800 h,v; 493 m  
 VA Lynchburg WXYU 101.7 3400 h,v (88 m)  
 VA Norton WNVA-FM 106.3 1700 h,v; 187 m  
 VA Rocky Mount WZBB 99.9 1200 h,v; 220 m  
 WA Moses Lake K208- \*89.5 (from K214AF  
 \*90.7) [also "Deletions"]  
 WI Green Bay WORQ \*90.1 (from 88.5—see/  
 WI Merrill WMZK 104.1 13000 h,v; 136 m, C3  
 WI Mishicot WTRW-FM 94.7 (from 107.5)  
 WI Neenah WROE 94.3 5600 h,v (104 m)  
 WI Racine WHKQ 92.1 6000 h,v (82 m), and  
 hoping to build a tower closer to Milwaukee  
 WI Tomahawk WJJQ-FM 92.5 (from 92.7) 25000  
 h,v; 79 m  
 WI Waunakee 105.1 (new, Dale A. Ganske's  
 station) 3800 h,v; 74 m. "There are three  
 stations in the area on 104.9, the adjacent  
 frequency. They are #WTM-FM Hartford  
 WI, #WXRX Belvidere-Rockford IL, #WNFM  
 Reedsburg WI. Two of them, WTKM-FM and  
 WXRX, have been granted power increases.  
 WTKM-FM, now mono, reaches almost as far  
 as Dane County. At 5,800 watts (the new  
 power) that coverage would be greatly  
 extended. However, if they plan to add  
 stereo, this coverage area would be reduced.  
 WNFM, in a very hilly area, reaches at least as  
 far as Baraboo, where other low-power  
 Madison area stations can be received. A  
 station transmitting from Waunakee, unless  
 very low-power, would surely reach that far...  
 Looking at FM Atlas-13 reveals that the  
 frequencies 92.9 and 93.1 have no Madison-  
 area station broadcasting on them. There  
 might be some reason unknown to me why  
 they weren't chosen, especially the 93.1."  
 WY Jackson KZJH 95.3 (from 95.7), to resolve  
 intermod with WY Hwy. Dept. mobile radio  
 system [000 h,v)  
 PR Vieques Island WSAW 98.9 229 m (50-/  
 VI Christiansted WAVI 93.5 (from 94.3), moving  
 because of a conflict with a 94.3 assignment  
 in the British Virgin Islands. The FCC was  
 notified about this by the British Department  
 of Trade and Industry.  
 NS Halifax CIEZ 96.5 132 m (100000 h,v)  
**Stereo—Or to be Stereo**  
 AL Atmore WYDH 105.9, "Y-105.9"  
 FL Jacksonville WNCM \*88.1. "We are stereo for  
 music, but turn the stereo off for talk  
 programs. It is a special control box an  
 engineer made for us, which turns the remote  
 stereo generator off and on."  
 GA St. Simon's Island WMQG-FM: 92.7  
 MA Gloucester WBOQ 104.9 played a tribute to  
 station founder when it was mono, Simon  
 Geller. Geller could not hear the tribute as he  
 lives in Las Vegas, where he is presumably  
 spending the \$1 million Doug Tanger paid for  
 his station. The tribute consisted of playing  
 Geller's favorite work, the hour-long version  
 of Beethoven's Ninth Symphony. "Another  
 glitch in WBOQ's existence is that it's at the  
 exact frequency of WRBB, Northeastern  
 University's station, so listeners on the  
 Expressway might tune to 104.9 and get an  
 overlap of reggae and Rachmaninoff."  
 MI Norway WZNL 94.3, co-programmed with  
 WFNL 97.7 Sturgeon Bay WI  
 MI Sandusky WTVG 97.7, still b. "Yeah, we're  
 still stereo. Sometimes when they do a  
 ballgame the night before they forget to turn  
 on the stereo the next day." [has CN News  
 MN Blackduck WBJI 98.3, o, ID with Bemidji/  
 MS Tupelo WAFR \*88.3, g, "Family 88"  
 MO Savannah KSJQ 92.7  
 MO Tarkio KTRX 93.5, but no longer IDing with  
 Rockport. Joint ID with KMZU 100.7



Carrollton, with which it programs most of the time, "but we try to keep a strong presence in Tarkio, sometimes doing programming from there. The old KTRX was dismantled."

- Y Homer WXHC 101.5, rm, ID with Cortland
- OH Harrison WNL 104.3 [go stereo]
- OH Youngstown WYTN \*91.7, did finally/
- SC Pamplico WMXT 102.1
- TN Tazewell WFSM 94.1
- TN Waynesboro WTNR-FM 94.9
- VA Dublin WBKW \*91.5
- VA Harrisonburg WZJM \*88.7
- VA West Point WPTG 107.9, rm
- WA Everett KSER \*90.7 "has been stereo since they began broadcasting 2-91. I have been doing some volunteer work there including on air. However, they DO NOT turn off stereo for talk programs. I've asked why not but no one seems to know."

**Monophonic**

- AL Mobile WTOH \*105.9, still on air, despite being in the secondary of WYDH 105.9
- Atmore
- CA Arcadia KMAX, still mono, but a proposal to link it with KAGR 107.1 Ventura and KMLO Fallbrook might change things—either turning KMAX to stereo or KMLO and KAGR to monophonic relayers of KMAX's ethnic programming. The trio would be an attempt to compete on 107.1 against CA's established Class Bs, many of which have greater-than-Class C coverage.

- FL Lake City
- WOLR \*91.3
- Petersburg WSKR 102.7, t, all sports, "Score"



- NY Lake Placid
- WLPW 105.5, quitting stereo because of the Adirondacks
- NY Saranac Lake WDGE 101.7, now oldies; had tested stereo but decided to stay mono
- PA Reading WXAC \*91.3
- WA Walla Walla KNSN 97.1 is all CNN Headline News, but with stereo pilot activated all the time. "Also KWIP 880 Dallas OR noticed back on."

- WV Sutton WCKA 97.1; also had tested stereo

**Format Changes**

Formats are the same as in the "FM Atlas"

- AL Fort Rucker WXUS 100.5 k[country]
- AL Mobile WAVH 96.1 o[Idies]
- AK Anchorage KEAG 97.3 o, on air, program agreement with KPXR 102.1
- AZ Kearny KCDX 105.1 r, \$
- AR Camden KCAC \*89.5 sr
- AR Fordyce KQEW 101.7 k
- AR Little Rock KURB-FM 98.5 rm, still "B-98.5"
- AR Marion KETH 107.1 sg
- CA Barstow KXXZ 95.9 r
- CA Colusa KPPL 107.5 rm, "K Plus"
- CA Mariposa KHRA 103.9 to be c
- CO Greeley KDHT 92.5 k, programming agreement with KYBG-FM 92.1 Castle Rock
- CO Pueblo KKMGM 98.9 sr
- Belle Glade WBGF 93.5 rm
- Bonita Springs WRXK 96.1 r
- FL Cape Coral WAKS 103.7 r, "B-103" (from "Kiss 103.7"), entering programming agreement with WRXK

FL Miami Beach WZTA 94.9 r  
 FL Naples WCVU 94.5 mr, "Shore 94"  
 FL Perry WNFK 105.5 rm, \$  
 FL Stuart WZZR 92.7 op, after a brief fling as m, all Christmas music. They "wanted to be the station Floridians turn to for holiday cheer all day, every day." Now "92.7 ZZR."  
 GA Atlanta WABE \*90.1 still c, but a local media consultants' study urged instead "multicultural programming" such as WRFG \*89.3 has. Study claimed WABE would not be successful over the long term, but Reva Ezell, manager, said WABE is No. 26 in total audience out of more than 400 NPR stations, and it is No. 3 in audience among 30 public stations in the 1.5-2.5 million population group. Dr. Jabari Simama, media professor at Clark Atlanta University, who headed the consultant group, said "We are talking about 9,000 contributing members in a metropolitan area of 3 million. You can't convince me that 9,000 out of 3 million can determine the programming thrust of the station. WABE must have a broader membership base, and in order to accomplish that, there must be a programming shift." Tommy Joe Anderson, recording engineer: "Listeners can tune to 40 other radio stations and get multicultural. . . On my 'Atlanta Music Scene' program on WABE, I feature as many black composers and performers as I can. . ."

WPCB 94.9 still mr, but "not quite as soft as before, with a slow shift from 'b' to 'm' to 'mr', [and] if it continues they will probably end up 'rm' or even 'r'."

GA Boston WTUF 106.3 o  
 GA Cairo WSLE 102.3 r, "Whistle 102"  
 GA Fort Valley WKXX 97.9 s  
 GA Royston WPUP 103.7 rp, "The Leading Edge" (from "The Pup"). "They say their hourly 'WPUP Royston-Athens' ID so fast it's like they are trying to hide it. Station is holding a local contest for someone to design a new logo featuring 'The Leading Edge', with winner to receive \$150 worth of free art supplies." [jazz "again"]

GA Smyrna WSTR 94.1 r, dropping nitely/  
 GA Sylvania WZBX 106.5 k  
 ID Coeur d'Alene KCDA 103.1 k  
 IL Woodstock WAIT-FM 105.5 rm  
 IN Michigan City WEFM 95.9 r, a mixture of oldies and AC, now "Solid Gold 95.9 FM" (from "Stereo 96"). "No longer 24 hours, now 5 a.m. to 12 a.m.—received my first complaint of 'new' music at 5:35 (five minutes into the new format), asking what happened to the beautiful music? Now only four 'b' stations left in IN: WWJY 103.9 Crown Point (parttime with that format), WARU-FM 98.3 Peru, WIKY-FM 104.1 Evansville and WMRI-FM 106.9 Marion."



IA Burlington  
 KKMI 93.5 r, "all favorites," music of the '60s-'90s, and using a computer to run the station from

midnight to 5:30 a.m.  
 KS Hutchinson KZSN-FM 102.1 k  
 LA Bunkie KEZP 104.3 rm, Unis. 41  
 LA De Ridder KEAZ 101.7 o  
 ME Ellsworth WKSQ 94.5 rm, "Kiss 94.5"  
 ME Portland WMGX 93.1 op  
 ME Westbrook VVNZ-FM 100.9 o  
 MD Hagerstown WWMD 104.7 still b, but "occasionally simulcasts with country AM after midnight"  
 MA Pittsfield WRCZ 101.7 op, still "Z-101.7," classic rock, and trying "to appeal to a broader and slightly older age group."  
 WBEC-FM 105.5 r, "Live 105.5"  
 MA Taunton WSNE 93.3 rm  
 MA Worcester WAAF 107.3 rp, "Boston's Untamed Radio" (from "Pirate Radio"). Voted top rock station in a small market in a readers' poll by "Billboard" magazine—among

only five stations nominated over the summer.  
 MI Detroit W'DTR \*90.9 ts  
 WKQI 95.5 rm, "Q-95" strict during day; at night becomes lighter with "love songs"  
 WDFX 99.5 rs, on air. "Is not and has not been off the air. Their contemporary hits format continues as before, with lots of commercials. . . They have been trying to sell WDFX for quite a while. It is now being operated by a court-ordered receiver."

- MI Gaylord
- WMJZ 95.3 rm
- MN Minneapolis
- KTCZ 97.1 r
- MS Bay Springs
- WIZK-FM 93.5 o
- MS Carthage WSSI-FM 98.3 k (only)
- MS Clarksdale
- WWUN 101.7 g
- MS Cleveland
- WCLD-FM 103.9 o
- MS Collins W'KNZ 101.7 o, still "Z-101"
- MS Columbus WACR-FM 103.9 r
- MS Eupora WLZA 96.1, o, "Laser 96"
- MS Fayette WTYJ 97.7 s, "T-97"
- MS Gluckstadt WLIN 101.7 rm
- MS Greenwood WYMX 99.1 r, AC days, CHR nights, still "Max 99"
- MS Heidelberg WEEZ 99.3 g
- MS Kosciusko WJTA \*91.7 g
- MS Lexington WAGR-FM 102.5 rk
- MS Louisville WLSM-FM 107.1 k
- MS Petal WMFM 106.3 mr, "soft AC"
- MS Senatobia W'NJC \*88.9 c, "now simulcasting WKNO-FM" 91.1 Memphis TN
- MS Waynesboro WABO-FM 105.5 rp
- MO Branson KRZK 106.3 k
- MO Kirksville KLTE 107.9 gm [96"]
- MO St. Louis KRJY 96.3 rm, "J-96" (from "Joy/NE Chadron KCNE \*91.9 cn, S, on air KQSK 97.5 k
- NE Hastings KHNE-FM \*89.1 cn, S
- NE Merriman KRNE-FM \*91.5 cn, S, on air
- NH Exeter WERZ 107.1 r, uses calls, no "Z-107"
- NM Farmington KRWN 92.9 op
- NY New York WPLJ 95.5 r
- NY Ravena WRAV 94.5 rm
- NC Grifton WVVY 99.5 sr
- OH Upper Arlington W'XMX 98.9 k
- OK Tulsa KRAV 96.5 rm
- OR Redmond KLRR 107.5 rm, "Clear 107"
- PA Beaver Falls WWKS 106.7 op
- PA Lewistown WCHX 105.5 o
- PA Ridgebury WMKB 96.9 rp, simulcast with V'KGB 92.5 Susquehanna
- SC Abbeville WZLA 92.9 o
- SC Dillon WZNS 92.9 op; had been silent
- TN Chattanooga WDEF-FM 92.3 still b, 100% simulcast with AM 1370, but on weekends having a couple m "Music of Sinatra" shows
- TN Harrogate W'XJB 96.5 k [Cat"]
- TX Amarillo KATP 101.9 rp, "Rock 102, The/ TX Arlington KHYI 94.9 r, "94.9" (from "Power 95")
- TX Austin KUT \*90.5 cj, no Spanish
- TX Beaumont KVLU \*91.3 c
- TX Bonham KFYZ 98.3 k
- TX Brenham KULF 94.1 k, uses calls, "Country 94, KULF" (not "Kool 94")
- TX Burnet KHLB-FM 106.9 k [ton ID
- TX Cleveland KRTK 97.1 to be c, with Hous-/ TX Farwell KICA-FM 98.3 kr
- TX Liberty KSHN 99.9 mr, "Shine all 9"
- TX Mount Pleasant KPXI 100.7 rm, still "X-100"
- TX Odessa KMRK 96.1 k
- TX Pasadena KKBQ-FM 92.9 k, "Easy Country" (from "93-Q"), no ID with Houston
- TX Victoria KTXN 98.7 b, "K-Texas," back on air (was "99 FM")
- WA Walla Walla KHSS 100.9 op, SMN
- WA Wenatchee KSSY 104.9 r
- WI Algoma WOMA 96.5 k
- WI Port Washington WGLB-FM 100.1 rj, taking format abandoned by WBZN 100.7



Racine-Milwaukee, with a poor signal in South Milwaukee, but "to the west where terrain is higher, the signal reaches as far as Menomonee Falls." It may be for sale, as half-owner Dan Palen (the father of 10 children) recently died. It still carries local high school sports and 12 hours of German-language programming Sundays, and is off the air from midnight to 5:30 a.m. daily.

AB Calgary CJAY 92.1 op  
ON Burlington CING 107.9 sr, "Dance 108" (from "FM 108")

ON Chatham CKSY 95.1 mr  
ON Sarnia CFGX 99.9 mr  
ON Windsor CIMX 88.7 p, still "89-X" (strict)  
SK Saskatoon (new) 90.5 to be e, at least in part  
"A caveat: While there is usually no question that 'classic rock' is album rock oldies, or 'op', some people may use the term 'classic hits' to mean regular oldies. So make sure you don't inadvertently code a format 'op' when it should really be 'o'."

**On Air (Selected)**

CO Colorado Springs KTLF \*90.5, having moved from 89.7 "because of a Pueblo station wanting to expand." KTCC Colorado Springs, at a lower altitude, moved from 90.5 to 89.7.  
GA Peach State Public Radio, locked out of the Atlanta market, applies for three translators: on Stewart Ave., Stone Mountain and North



Fulton County, as well as a 7 kw station in Brunswick and a 50-kw station at Fort Gaines in SW GA.  
IN Linton WQTY 93.3 (from 93.5) still m, 24 hours: "Nostalgia, not oldies—'big bandish'—Ames Brothers, etc."  
IA Des Moines KWDM \*88.9, but with 10 watts, is hoping for at least 100 watts and a permanent spot on the dial. KUCB \*89.3's ultimate license may seal the doom of KWDM, unless KWDM can get grandfathered in at a higher power. The school district has kicked in \$20,000 of the \$30,000 needed to implement the more power. A full-time radio person is also needed. "I've been working on it for seven years and it's a tough job. I teach five classes outside of this and it gets to be a zoo." Station on air school days 7 a.m. to 5 p.m., with some 70 students broadcasting at least one hour each per week.  
LA Abbeville KROF-FM 105.1, having moved from 104.9

ME Brunswick WCLZ-FM 98.9, but under bankruptcy protection. Assets to be sold in satisfaction of debts and looking for a buyer. "In the meantime, it will be business as usual."  
MI Grand Rapids WVGR \*104.1, celebrating 30 years on the air, doing some live local productions, also heard on WUOM and WFUM. [work (WMHN) translator  
NY Lima \*90.9, a Mars Hill Radio Net-/  
OR Portland KBOO \*90.7 on with 25700 h,v; 386 m  
WI Sun Prairie WMAD-FM 92.1 assets taken over by the Bank of Sun Prairie, and still on the air. Owner First Choice Communications, "has a record of bad debts dating to at least 1989, according to records in Dane County Circuit Court," and tax judgments coming to \$10,600 plus \$3,900 owed for unpaid unemployment compensation taxes. They are presently negotiating a power increase to 20,000 watts through the rule-making process.

**Off Air—Or Not Yet On**

HI Lahaina K257CZ 99.3, K296CR 107.1  
IN Knox WUVX \*89.3  
IN South Bend WMXH 106.3  
ME Harpswell WMSJ \*91.9, filing to relocate at a lower height in Freeport ME. Underfunded, but still hoping to come on air and serve Portland.  
ME Kennebunkport WXPT 104.7  
ME Kittery WKCD 105.3  
ME Topsham WLLB 95.5, but "finally getting ready to put up their tower on Oak Hill in Brunswick."  
MA Truro WTUR 102.3, "and probably won't come on. There are 16 radio stations on the Cape and only 113,000 residents."  
MA West Yarmouth WXTK 94.9, because of a storm which took its tower. They expect to be on in Dec. with a rumored talk format.  
MI Benton Harbor WWSB \*94.9  
MI Mackinac City WSSW 94.3, remove S, format data. "Several years ago, two guys on Mackinac Island applied to the FCC for a 6-months-a-year station permit. They explained that the island is 'closed down' six months annually. FCC denied their request—saying the area 'is saturated with radio stations'."  
MS Belzoni WJSJ 92.9  
MS Byhalia WHLE 94.9  
MS Centerville WZLF-FM 104.9  
MS Charleston WTGY 95.7 (still on 94.3)  
MS Greenville WYBJ 104.7  
MS State College WUMI 104.3: "Won't be on for a while"  
MS Wiggins WOTC 97.9: "Won't be on for a while"  
MO Carthage KRGK 97.9; still on 104.9  
MO Owensville KLZE 95.3  
MO Webb City KKLL still on 97.9 (not yet on 95.1)  
NY Avon WYNQ 93.3  
NY Clyde WRCD 93.7 (rent; studio closed)  
NY Herkimer WYUT-FM 92.7 (owes/  
NY Palmyra WZXV 99.7  
NY Utica WEIF 100.7  
PA Saegertown WEOZ 94.3  
TX Huntington KAQU 101.9

**Deletions**

AK Soldotna K202AO \*88.3 (not on FM Atlas-13 map, p. 86)  
CA Big Pine K288DL 105.5  
HI Lahaina K272CT 102.3  
IN Evansville 107.5, was only applicant, with FCC ruling Skywave, Inc. misrepresented that "Sondra Matthews was, is and/or would have been its sole controlling principal."  
ME Bath W MOS \*95.3 "did not renew their license nor did they follow through on changing their frequency because of the Topsham drop in 95.5 The consultant I spoke with says it is probably too late to renew, so another 10-watt Class D is gone. Another group in Brunswick is looking at doing an FM. At some

point I will contact the school to see about getting the equipment for these other folks."  
ME Ellsworth W288AT 105.5  
MI Highland Park WHPR \*88.1 "has not existed for many years according to a phone call to Highland Park High School, (303) 252-0460. . . Highland Park is in really bad shape economically, and can certainly not afford a radio station."  
MN Paynesville K244CG \*96.7  
MN Sauk Rapids K240- \*95.9. "KTIS-FM went to 100,000 watts and said they did not need the translator any more."  
MT Red Lodge K237CM 95.3  
NY Blue Mountain Lake W219AC \*91.7—to be replaced by full-power station  
NY Lake Placid W276AU 103.1, "not heard," but was once licensed [new WORQ  
WI Green Bay WGBP \*90.1, because of/  
PQ Riviere-du-Loup CION 103.7, which "asked the CRTC to revoke its license [and] the CRTC gracefully complied"

**FMistakes—FM Atlas-13 and FMedia! Sept.**

GA Greensboro WDDK 103.9, listed as "WGRG," p. 29 [1, "FM Rulemakings Finalized"  
GA Hogansville (not "Gogansville"), p. 6, col./  
PA Boyertown WYCL 107.5 dual city ID with Reading misspelled, p. 187

**SCServices, 41, 57, 67, 92 kHz Symbols are as in the "FM Atlas"**

CA Los Angeles KBIG 104.3 tX, 67, probably at 20% injection, since they claim to be also at 73 and 87 kHz; no tE, 92. "They are doing commodity reports in computerese. . . These I got." At one time they had Japanese on 67, but have never had it at 92.  
IN Kokomo pirate station on 89.1 (was on 89.3). "Our pirate is not only stereo, but he also has a 67 kHz SCA! Suppose that qualifies us for another first?" [to blind, 67 kHz  
MD Princess Anne WESM \*91.3 tT, reading/  
NY Briarcliff Manor WXPS 107.1 tZ, 67, "high speed data"  
NY New York WFUW \*90.7 tE, 67 ("Chinese?")  
WNYE \*91.5 tZ, 67, "high speed data"  
WXRK 92.3 still tE, 67 (oriental), with "lessons in practical English weekdays at 7:30 a.m."  
WNYC-FM \*93.9 tC, 67, relay of WNYC AM  
WRKS 98.7 tZ, high speed data (not tX), 67  
WNSR 105.1 tZ, 67 (not tX), "high speed data"  
NY Pomona W232AL 94.3 tT, 67, In Touch Network (not the tZ that its primary, WHTZ 100.3 Newark NJ, is sending out). This may be a first for this Gerry Turro translator—sending out a distinctive SCSignal!  
NC Chapel Hill WUNC \*91.5 tT, 67  
PA Philadelphia WQWB 96.5 tS, 41 kHz, at 6% injection for remote talking to its crews (during weekday monophonic periods; not used during weekend stereo music shows); still tR, 67, Y, 92 [tM, 67)  
VA Harrisonburg WQPO 100.7 no SCS (had/ A data service leaving FM-SCS in favor of paging frequencies: Telerate Systems has signed an agreement with Docupro, Inc., and will migrate to Docupro's new F/X Alert paging service. Paging services don't provide much intensive data, but are considered adequate for Telerate's need to communicate quick flashes of data to customers.

**NonIDs in Use**

*Mentioned usually without calls; "strict" if a station only uses call letters once per hour as required by the FCC (at or near the top of the hour)*  
AL Montgomery WLWI-FM 92.3 uses call letters, not "I-92 FM"  
AR Ashdown KHSP-FM 103.9 uses calls, saying "Spirit 103.9, KHSP" ("107-CCC")  
CT Hartford WCCC-FM 106.9 C-Rock (from/ GA Atlanta WSB-FM 98.5 B-98 (from "B-98.5 FM"), alternating with "Great 98"  
GA Statesboro WMCD 100.1 FM-100  
IN Greenfield WZPL 99.5 no "Indy's Apple," now "99½ WZPL"

LA New Orleans WNOE-FM 101.1 Country 101  
 ME Bath WKRH 105.9 KRH (from "Maine's  
 Classic Rock"), ID with Brunswick-Lewiston  
 ME Ellsworth WWMJ 95.7 Oldies 95.7 WMJ  
 ME Rockland WCMC 103.3 Country 103.3  
 MA Pittsfield WUPE 95.9 Lite 96 (from "FM  
 96")  
 MI Buchanan WSMK 99.1 Smokin' 99, "not to be  
 confused with WFMK in same state on  
 same frequency. Different format, though."  
 MI Dearborn WNIC 100.3 FM-100  
 MI Detroit WOMC 104.3 uses calls, "Oldies  
 104.3, WOMC"  
 MI Mount Clemens WXCD 102.7 Smooth  
 Sounds (also "CD-102.7, WXCD")  
 MI Mount Pleasant WCZY 104.3 Cozy FM.  
 "Programming is via some satellite. . . I  
 started parttime at WMMI in Mount Pleasant.  
 No one else is getting the news. That makes  
 me 'news director'."  
 MS Natchez WQNZ 95.1 Country 95.1  
 NH Wolfboro WLKZ 104.9 Oldies 105 (from  
 "Lakes FM")  
 NY Buffalo WMJQ 102.5 Q-102 (from "Majic  
 102.5"), "same old stale '80s and '90s songs"  
 NY Hudson WRES 93.5 93 Gold [KLAJ]  
 OK Durant KLAJ 97.5 uses calls: "K-Lake FM /  
 OK Muskogee KMMY 97.1 Y-97  
 SC Greenfield WLFJ \*89.3 still Love 89, but  
 alternating that with "His Radio" (with  
 accent on "His")  
 TN Bristol WXBO 96.9 uses calls: "96.9 WXBO"  
 (from "FM-97")  
 TX Amarillo KBUY-FM 94.1 Y-94 [KLBK]  
 TX Austin KLBK-FM 93.7 uses calls: "FM-94 /  
 KKMJ-FM 95.5 uses calls, saying: "Majic 95.5,  
 KKMJ" [102.5 K-102.5  
 TX Bay City KMKS / [-108, KWIC"  
 TX Beaumont KWIC 107.9 uses calls: "FM-/  
 TX Bryan KORA 98.3 uses calls: "98 Country,  
 KORA" [FM, KKYS"  
 KKYS always uses its calls: "104.7 Kiss/  
 TX Childers KSRW 96.1 K-96  
 TX Fort Worth KPLX 99.5 uses calls: "99-5  
 KPLX, K-Plex"  
 TX Gainesville KDGE 94.5 takes off the edge,  
 always using that slogan with its proper calls  
 TX Georgetown-Austin KHFI 96.7 uses calls,  
 "96.7 KHFI," dropping "K-96.7"  
 TX Houston KLDE 94.5 uses its calls: "Oldies  
 94.5, KLDE" [96, KIKK"  
 KIKK-FM 95.7 kicks out its nonID: "Kick/  
 TX Lufkin KYKS 105.1 uses its calls, as in  
 "Kicks 105, KYKS" [as 103, KJCS"  
 TX Nacogdoches KJCS 103.3 uses calls: "Tex-/  
 TX Sherman KWSM 104.1 uses calls: "Classic  
 104, KWSM"  
 TX Sulphur Springs KDXE 95.9 also always uses  
 its calls: "Dixie Country 96, KDXE"  
 VA Accomac WVES 99.3 Easy 99  
 WI Stevens Point WSPT 97.9 uses its calls, not  
 "Rock 96"  
 ON Toronto CKFM 99.9 Mix 99.9 (still r), "not  
 using their calls any more" (which is legal for  
 Canadian FMs).

**Multi-City IDs in Use**

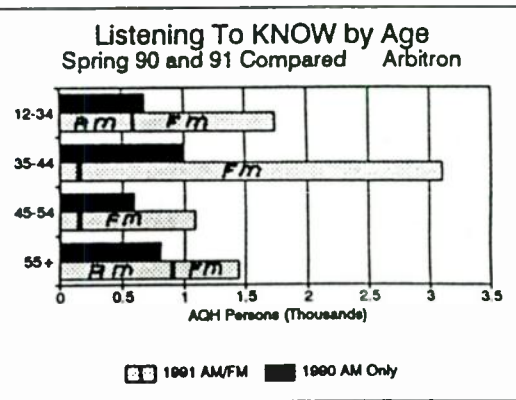
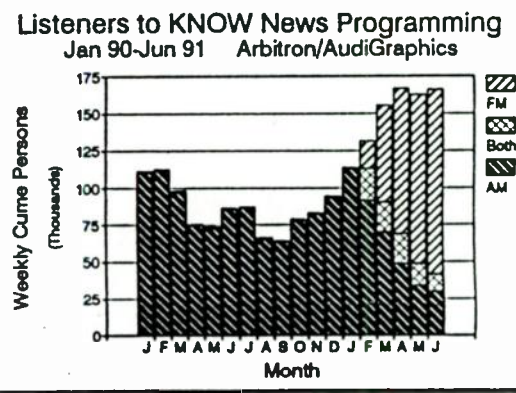
ME Biddeford WSTG adds Portsmouth (NH)-  
 Portland (sacking Saco)  
 ME Camden WQSS 102.5 with Rockland-Belfast  
 ME Lewiston-Portland-WHTT 107.5 adds Auburn  
 before Portland  
 MA Lynn WFNX 101.7 with Boston  
 MA Orleans-Hyannis (no longer with Falmouth)  
 WKPE-FM 104.7, "Cape 104"  
 MA Plymouth WPLM-FM 99.1 with Boston  
 NH Concord WJYY 105.5 with Manchester  
 NH Mount Washington WHOM 94.9 with Port-  
 land ME, losing (or losing?) its ties with  
 other cities  
 NH Nashua WHOB 106.3 with Manchester  
 NH Rochester WWEM 96.7 with Dover-  
 Portsmouth  
 NY Troy WFLY 92.3 no longer with Albany-  
 Schenectady, still "Fly 92"  
 OH Hamilton WZRZ 96.5 with Dayton-

Cincinnati (adding Dayton)  
 TX Lufkin KLDN \*88.9 with Nacogdoches

**AM Happenings Most Likely Caused by FM!**

AL Huntsville WAAJ 1550 silent  
 DE Wilmington WAMS 1380 silent. "Was top 40  
 during '60s. Tried other formats in the '70s, then  
 oldies in '80s. Remember station as a teen in  
 '60s—helped fill the gap between Baltimore and  
 Philadelphia on trips to N.Y.C."  
 GA Monroe WMLS 1490 silent  
 LA Baton Rouge WTKL 1260 silent  
 MA Boston WEEI 590, now sports talk with  
 controversial morning host Andy Moes, faced  
 with advertiser defections. Stephen Leigh,  
 jeweler, a WEEI advertiser for "eight or nine  
 years," pulled off the show, because, "I object  
 vehemently to the filth from 6 to 10 a.m." A  
 20-year advertiser, Gregorian Oriental Rugs,  
 announced it, too, was leaving. "They completely  
 changed, to a very low-class format, completely  
 devoid of any redeeming factors." Gregorian is  
 taking its advertising to "other stations; that his  
 long association with WEEI is over." Mr.  
 Gregorian said: "They had the best of everything  
 and now Boston has a huge hole in it."  
 WHDH 850 fires Jess Cain's long-time engineer  
 and program personality John "Pudge" Flynn,  
 who was with the station 25 years, 19 as Cain's  
 sidekick. Cain retired in May. Flynn's job taken  
 over by a computer. WHDH-TV, with no advance  
 warning to the media, axed 40 employees  
 because of the recession.  
 MA Norfolk WJCC 1170 silent  
 MA Springfield WSPR 1270 silent  
 MA Worcester WNEB 1230 silent  
 MO Independence KIDZ 1510 silent  
 NY Albany WROW-FM no longer easy listening,  
 with the format migrating to 590 AM. "All  
 compact discs, tapes and records that are  
 purchased today are recorded in stereo. I believe  
 that music played over the radio should also be  
 broadcast in stereo. WROW has switched their  
 beautiful music over to WROW-AM, which is not  
 astereostation," writes Earl Morris, Schenectady,  
 in a letter to the *Albany Times-Union*.  
 NY New York WWRV 1330 becomes noncom-  
 mercial (\*)  
 OK Frederick KTAT 1570 silent  
 OR Gresham (Portland) KKGR 1230 silent  
 PA Ephrata WGSA 1310 silent  
 PA Philadelphia WEAZ 560 AM goes "beautiful  
 music," as "Wish 560," hoping to take audience  
 from WPEN 950 (which adopted many former  
 WEAZ-FM 101.1 listeners when that station  
 changed format).  
 "WUGL-AM-FM putting squeeze on daytimer  
 WPGR 1540 by using separate AM and FM  
 programming—AM playing somewhat older  
 music, forcing WPGR to go to early/mid-'50s  
 quasi-rock'n'roll. Gives them a rather strange  
 hybrid sound with Jerry 'The Geter' Blavatt  
 motor-mouthing, then playing a Jonie James  
 record, for example."  
 PA South Williamsport WFXX 1450 off the air.  
 This coincides with new calls on the FM (see  
 "Call Letters," above).  
 WI Milwaukee WOKY 920, rumored that it might  
 simulcast FM partner WMIL 106.1 because  
 "business is not so good," fires program director  
 Steve Stevens and sports reporter Ted Moore.  
 Station denies it's about to change formats,  
 saying it is "solidly solvent at a time when most  
 radio stations in America are not. The station  
 ranks in the top 10 among all Milwaukee radio  
 stations and outbills all but one AM station in the  
 market and most FM stations as well."  
 WLZR 1340, "The Crusher," crushed itself by  
 too few listeners (and advertisers), now simul-  
 casting WLZR-FM 102.9. It "did not even rate a  
 mention in the most recent Arbitron survey."  
 WI Poynette WIBU 1240 pulls plug on all-polka  
 format. "Stagnant ratings and a mostly untapped  
 music market for 200,000 older Madison-area  
 residents are to blame," with a switch to the  
 Satellite Music Network. Staff of 19 full- and

part-timers pared to seven fulltimers. Polka "was  
 a difficult format to execute from a programming  
 standpoint, [being] a hard sell with media buyers  
 in places such as Denver."  
 BC Vancouver CHQM (AM) 1320 needs a buyer;  
 it owns CFUN 1410 AM, and was bought along  
 with CHQM-FM 103.5 in order to get the FM.  
 Nationally, even monophonic talk does better on  
 FM than AM. "The AM radio band is dying, and  
 it's taking public radio's 40 AM stations with it,"  
 says a radio researcher, David Giovannoni.  
 "There isn't much we can do about it. However,  
 AM/FM licensees must be careful to shield their  
 FM services from AM's inevitable demise." He  
 goes on to point out that 15 years ago public  
 stations put their news and information program-  
 ming on the AM, leaving FM with music. "But  
 today it's not a good idea at all. In fact, relegating  
 public radio's national news services to the AM  
 band essentially takes them off the air for many  
 if not most of their potential listeners." His  
 recommendations: • Accept the tyranny of the  
 band and re-sort programming streams by their  
 age appeal rather than by the "outdated talk/  
 music split." Since opera listeners are older than  
 average, opera should be on AM, for example.  
 • Prepare for AM's continuing decline. "Listening  
 to the AM band will halve by the turn of the  
 century. If subsidies to AM public radio stations  
 are not significantly increased, there may come a  
 day when it is less expensive to turn off the AM  
 transmitter than to continue operating it."  
 • "Barter, buy, sell, swap or otherwise exchange  
 the AM for an FM license. This is what happened  
 in the Minneapolis-St. Paul market, with im-  
 mediate and phenomenal audience results." After  
 Minnesota Public Radio bought WLOL  
 99.5 Minneapolis and turned it into KSJN with



stereo classical, the 91.1 spot, which had been  
 KSJN, became monophonic KNOW-FM. "Less  
 than two months after putting KNOW's news and  
 information service on FM, the new KNOW-FM  
 was serving more listeners than the old KNOW  
 AM." After four months, the audience of  
 KNOW-FM's news and information service *more  
 than doubled* last year's levels, and has tripled  
 among younger persons, "those who seldom if  
 ever listen to AM. This is a prime example of how

AM depresses listening to public radio's news and information programming. Putting this service on FM has essentially made it available to many listeners for the first time." Listening to KSJN's classical music service in stereo remained steady, despite the inroads of KNOW, and with listeners having to learn to retune from 91.1 to 99.5 to get it.

**FM Rulemakings Proposed**

*First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed.*

- AR Danville 105.5A, Oct. 18, Nov. 4
- FL Callahan 93.3C2 from St. Marys GA, using WAlA's existing transmitter site, which is 26 1/2 km E. of Callahan, Nov. 4, 19 [12
- FL Venice 92.1C3 for A, WCTQ, Oct. 28, Nov./
- ID Hayden 94.5C for A, KMWC, Oct. 25, Nov. 12
- LA Berwick 106.9A from 105.9A, KVPO, Oct. 18, Nov. 4 [Oct. 18, Nov. 4
- LA Opelousas 105.9C3 for A, KVOL-FM/
- ME Fort Kent \*106.5C3, U. of ME. "There are no noncommercial educational channels available . . . because of the required protection to Canadian allotments in Quebec and New Brunswick," and a desire to protect CHSJ-6 Bon Accord NB, which has viewers in ME. Slightly short-spaced to CIBM 107.1 Riviere du Loup PQ, with Canadian OK to be requested, Nov. 4, 19.
- MO Memphis 106.5A for 96.7A, to allow for 96.7C3 at Albia IA. KMEM ordered to show cause why it should not move to 106.5A by Oct. 28. [4, 19
- NM Los Alamos 107.5C, Jeffrey Rochlis, Nov./
- ND Bismarck 97.5C, C. G. Abbott, site 3.4 km SE because of 97.9A Beulah ND, Nov. 4, 19
- OK Collinsville 101.5C3 for 101.5A at Nowata OK, KOUH, Oct. 25, Nov. 12. FCC points out that Nowata's other FM, KNFB 94.3 has been off the air and was to have returned by Sept. 27. "Unless KNFB is on the air at the time this request is ripe for decision, the reallocation of Channel 26B from Nowata to Collinsville would result in the removal of Nowata's only existing local broadcast transmission service."
- OR Ashland 107.5C2, J. Rochlis, site 5.3 km W. to avoid short-spacing to KKR8 106.9C1 Klamath Falls, Nov. 4, 19
- OR Redmond 99.7C3, Rochlis, site 5 km E. because of KRKT-FM 99.9C Albany OR, Nov. 4, 19
- OR Winchester Bay 101.1A for Sutherland (which had a filing window until Oct. 3), Colleen E. Fafara, where former station KSRL held a construction permit, Oct. 25, Nov. 12
- PA Tioga 93.3B1 for A, WPHD, Oct. 21, Nov. 5
- SC Chester 99.3C3 for A, WDZK, Oct. 18, Nov. 4
- SC Kingstree 99.3C3 from 98.3A, WWKT, Oct. 18, Nov. 4 [Nov. 4
- SC Summerton 98.3A from 95.5A, Oct. 18./
- SC Walterboro 100.9C3 for A, WALD; 93.7A or 97.7A for 105.3A, WONO, Nov. 4, 19
- SC Wedgefield 95.5A from 99.3A, WIBZ, Oct. 18, Nov. 4
- TX Caldwell 95.1C2 for A, KHEN, Roy E. Henderson counterproposal; or 107.3A for 95.1A (see College Station) [proposal
- TX Cleveland 97.1C for C1, KRTK counter-/
- TX College Station 95.1C2 for 107.3C3, KTSR counterproposal; add 96.9—Kurten Broadcasting [counterproposal
- TX Cushing 96.9C3, Cavalier Bcstg./
- TX Gause 95.1C2, with Caldwell [4
- TX Gilmer 95.3C3 from A, KLSQ, Oct. 18, Nov./
- TX Pittsburg 104.9A for 96.9A, with Cushing
- TX Sulphur Springs 99.9A for 95.9A, KDXE, with Cushing [with Cushing
- TX Winnsboro 95.7A for 104.9A, KWNS./
- PR Canovas 98.3A (from Vieques 98.9B), WSAN
- PR Mayaguez 98.7B from 99.1B, WKJB-FM
- PR Quebradillas 99.5A for 98.3A, WREI
- PR San Juan 99.1B for 98.5B, WPRM-FM. PR dates are Nov. 4, 19; FCC concerned about the loss of service to people getting WSAN, with Canovas in the San Juan metro area.

**FM Rulemakings Finalized**

*Dates are when FCC filing windows are open*

- AZ Kachina Village (from Winslow) KTDX 105.1C2 [from 105.1C2
- AZ Lake Havasu City KZUL-FM 104.5C2/
- AZ Wickenburg 105.3C1 from C2, KRDS-FM

- AR Maumelle (Little Rock—from Pine Bluff) 94.9C, KOLL
- CA Calistoga 100.9A, Oct. 16-Nov. 15
- CA Windsor 104.1A, Oct. 16-Nov. 15
- FL Cedar Key 102.7C3 for A, WVNM
- GA Warrenton 93.1C3 for A, WSAW
- HI Waimea 99.1C, closed Oct. 3
- IL Bartonville 99.9A, Oct. 16-Nov. 15
- IL Princeton 98.1A from 98.3A, WZOE-FM
- IN New Albany 94.7A, Oct. 16-Nov. 15
- IA Belle Plaine 95.5A, "first come/first serve"
- KS Sterling 95.7A, Oct. 29-Nov. 29
- KY Hawesville dismissed 94.7A bid
- LA Natchitoches 97.3C3 from 97.7A, KDBH
- LA Reserve 94.9C3 for A, WADU
- MN Sleepy Eye 107.3A closed Oct. 3
- NH New London 99.7A, Oct. 22-Nov. 21. The FCC determined that WGFB Plattsburgh is rightfully a C (99.9), even though not operating at those facilities—yet. It must protect Canada, with C2 outreach to the N.
- NM Carlsbad 106.1C2, "first come/first serve"
- NY Saranac Lake 106.3C3, no dates indicated
- NC Oriental (from New Bern) WZYH 94.1C3 from A
- SC Summerton 95.5A closed Oct. 3
- VA Crozet 103.5A, no dates indicated
- VA Dillwyn 93.7A, Oct. 16-Nov. 15
- WY Jackson 95.7C for 95.3C, KZJH
- WI Christiansted 93.5A for 94.3A, WAVI

**Stations downgraded by FCC:**

- AK Anchorage 102.1C3 for C, KPXR
- AK Fairbanks \*104.7C3 for C2, KUAC
- AK Juneau 105.1A for C2, KTKU
- AK Ketchikan \*105.9C3 for C2, KRBD; 106.7A for C2, KGTW
- AK Sitka \*104.7A for C2, KCAW
- AK Soldotna 96.5C3 for C, KSLD-FM
- AR Jonesboro 107.9C for C1, KFIN
- CO Denver 99.5C1 for C, KVOD
- CO Glenwood Springs 99.1C3 for C2, KMTS
- ID Rexburg 98.1C3 for C2, KRXX-FM
- IA Des Moines 97.3C1 for C, KDMI
- IA Dubuque 92.9C1 for C, KATF
- IA Ida Grove 92.9C3 for C2, KIDA
- KS Wichita 95.1C1 for C, KICT
- LA Lake Charles 103.7C1 for C, KBIU
- MI Gaylord 106.7C1 for C, WKPK
- MI Newberry 93.7A for C2, WNBV-FM
- MI Sault Ste. Marie 101.3C1 for C, WSUE
- MN Alexandria 92.3C3 for C2, KXRA-FM; 100.7C1 for C, KIKV
- MN Moorhead 99.9C1 for C, KVOX-FM
- MN Willmar 102.5C1 for C, KQIC
- MS Hattiesburg 104.5C1 for C, WHSY-FM
- MS McComb 105.7C1 for C, WAKH
- MS Yazoo City 92.1C3 for C2, WJNS-FM
- MO Joplin 102.5C1 for C, KKUZ
- NE Crookston \*96.1C1 for C, KINI
- NE Grand Island 96.5C1 for C, KRGI-FM
- NE Lincoln 102.7C1 for C, KFRX
- NE McCook 96.1A for C, KICX
- NM Hobbs 95.7C3 for C2, KPER
- NM Las Vegas 100.7C3 for C2, KLVF
- OK Anadarko 103.7C1 for C, KRPT-FM
- OR Tillamook 104.1C3 for C2, KTLF-FM
- SD Redfield 103.7C3 for C1, KQKD-FM
- TX El Paso 94.7C1 for C, KAMA-FM
- UT Logan 92.9C2 for C1, KBLQ
- UT Vernal 105.9C3 for C2, KUIN
- WA Aberdeen 104.7C2 for C1, KDUX
- WI Ladysmith 103.7C1 for C, WWIB
- WY Sheridan 96.5C3 for C2, KLWD

**FM-AM Program NonDup Rule to Return?**

As part of its overhaul of AM station regulations, the FCC has proposed a reimposition of program nonduplication between commonly-owned AM and FM stations. Broadcasters who may be affected can breathe easier for now, however, since the FCC said it would "revisit" the issue in three years. When the rule was in effect several years ago, it was FM radio which was supposed to be helped. The new version, if it passes, would be aimed more at helping AM than FM.

**There Could be a Short-Spaced FM Station in Your Future**

The Commission reaffirmed its decision to permit short-spaced FM stations using directional antennas. Its objective was to provide stations with more flexibility in locating towers where there are "antenna farms" or other locations where station transmitters might be placed. Taking the cue from educational band applications (88-92 mhz), the FCC will now look at "interference criteria," and it might later change the 15 dB maximum to minimum radiation ratio when a station uses a directional antenna. Under the current rules, a directional 100 kw station must provide about 4 kw in the poorest direction (20 dB vs. 5 dB). The FCC points out that construction of an antenna to match a particular pattern which may be desired is not yet an exact science. More flexibility was also given stations in the Virgin Islands and Puerto Rico to short-space their sites.

**Small-Print Happenings and FA: Industry News**

FCC throws out three applications for 104.9A San Clemente CA, awarding the channel to nobody. The FCC said if the disqualifications are overturned on appeal, then On the Beach Broadcasting is to be preferred on the basis of local ownership and integration with day-to-day operations.

The new translator rules are attracting "several hundred" applications, according to Howard Entstrom's newsletter. He says it is taking "about 120 days or so" for the FCC to process FM translator applications. [Thanks, Howard, for the plug for my book and newsletter; he's a columnist in "Radio World" and his "Signal Source" newsletter is mailed from 30925 Vista View, Mount Dora FL 32757.]

Two pirate FM stations in West Odessa TX have been seized by the U.S. Border Patrol, local police and sheriff's office. That posse took "KROX" 95.1 and "KFRE" 107.7. Assisting in the raid was Jan Hartung, Assistant U.S. Attorney, who can be reached at (915) 684-4120. "The execution of the warrants culminated an investigation conducted by the Dallas office of the FCC." Seems strange so many law enforcement agencies had to be deployed against one small network. Owner of the stations was not identified.

FCC Form 349 is ready for use—Application for Authority to Construct or Make Changes in an FM Translator or FM Booster Station. The new form must be used for all such applications, and is obtained by calling (202) 632-FORM.

Michael D. Richardson's complaint against KFMH 99.7 Muscatine IA dismissed by the FCC. Richardson alleged that KFMH violated federal law by broadcasting the location of police roadblocks set up after a rock concert in Cedar

Rapids Nov. 29, 1990. He urged the FCC to take action under the Anti-Drug Abuse Act of 1986 that allows it to "revoke any private operator's license issued to any person under the Communications Act... who is found to have wilfully used said license for the purpose of distributing, or assisting in the distribution of, any controlled substance in violation of any provision of Federal law." The FCC's Mass Media Bureau found no enforcement action was warranted.

Time brokerage agreement between WDVH 105.5 and WLWV AM Salisbury MD granted by the FCC. Agreement is for two years, with an option for a two-year renewal. The same owners received approval for a similar agreement between WHBX 98.9 and WHBT AM Tallahassee FL. However, the FCC found an unauthorized transfer of control took place when WKZX AM Presque Isle ME simulcasted the programs of WCXU 97.7 Caribou, with a WCXU official becoming general manager of WKZX AM. The station was fined \$10,000. Interestingly, the situation was brought to the FCC's attention by a competitor, Timothy D. Martz, president of WBPW 96.9 Presque Isle and W237AP 95.3 Madawaska ME.

WXPN Philadelphia's "Music Channel," now named "The World Cafe," starts a test period on as many as 10 stations Oct. 14, before its national debut in January, 1993. Among stations signing up for the two-hour daily contemporary world music program hosted by David Dye and produced by "King Biscuit Flour Hour" vet Bruce Raines are WYEP Pittsburgh, KUMN Albuquerque, KUMD Duluth and WFUV New York. Blues, R&B, reggae, Brazilian music, salsa, African pop, folk music, international reports, features, studio guests and give-aways will make up the "ambitious daily grab for younger public radio audiences."

NPR launches a talk show, *The Talk of the Nation*, during the 2 p.m. (EST/EDT) time frame, with much of it presumably airing on FM, if stations are to believe Giovannoni's research. And the "American Radio Network" will give stations yet another reason to discard their stereo generators. It plans to launch "in early 1992" a 24 hour FM talk service targetted at the 18-34 market via satellite.

Listeners in Lawrence KS pitched in to help KANU \*91.5 recover from a fire at the U. of KS auditorium, which housed the station development offices and storage space. Fire was started by lightning. It was a Saturday, June 15, with no staffers in the building. To recoup the loss of \$65,000 in computers and other goods, KANU began on-air fundraisings and mailings that yielded \$55,000 plus equipment donations. The pledges from 1,200 listeners were "very, very heartwarming to the staff," said Howard T. Hill, Jr., general manager.

An amendment to the Canadian FM Policy for the Nineties is the regulation that 30 percent of programming, such as recordings played, be of Canadian content, as determined on a weekly basis.

Newest on-air stations of NE Public Radio, based at KUCV Lincoln, have brought the web to its full quota of nine, with the latest being KCNE \*91.9 Chadron and KRNE-FM \*91.5 Merriman. KMNE-FM \*90.3 Bassett and KPNE-FM \*91.7 North Platte signed on two months earlier.

West Virginia Public Radio hopes to expand from its current eight to 12 transmitters, and has hired an unnamed engineering firm to try to find FM frequencies for Logan/Williamson, Bluefield, Lewisburg/White Sulphur Springs and Keyser. The state provided \$15,000 for the study, which would precede federal facilities grants.

Birch/Scarborough ratings reports have expanded to include Casper WY, Danbury CT, Eau Claire WI, Fayetteville AR, Greenville NC, La Crosse WI, Daytona Beach, Lakeland, Melbourne and Sarasota FL, Texarkana TX-AR and Stamford-Norwalk CT.

KFAI \*90.3 Minneapolis was to have moved to a "new" 100-year-old building Oct. 1, and was

seeking a dollar each from its listeners to pay for the cost of the \$165,000 renovation and the move. More than half that amount has been raised.

An Oregon initiative would ban the advertising of tobacco and alcohol in that state; it is set for a November vote. It would also ban advertising on media in neighboring states which reach OR viewers, listeners or readers.

Misers in Seattle? KLSY 92.5 Bellingham WA organized a bake sale to raise money for the struggling Seattle Mariners baseball team, owned by Emmis' Jeff Smuylan. The bake sale netted a whopping \$151,32, "slightly less than this year's Jerry Lewis Telethon, and several million from the station's \$39.5 million goal. According to KLSY morning man Tim Hunter, the proceeds will go to pay off Smuylan's \$40 million loan with Security Pacific Bank," says the "M Street Journal."

Broadcasters are increasingly favoring in-band DAB systems over the L-Band because of the propensity to increase the number of competitors a new band would make possible. That's the word out of the NAB's Radio 1991 in San Francisco last month. FCC Commissioner Sherrie Marshall mentioned the prospect that DAB might be delivered as a subscription service, much like satellite TV. Even though the FCC's mandate has been to encourage localism, it will not suppress satellite digital radio. "In particular, a satellite service may well provide listeners in rural or otherwise underserved radio markets whose local advertising bases typically cannot support diverse listening choices with a significant increase in sources of audio information and entertainment." Preliminary words from riders of the DAB demonstration bus were anything but favorable, with most hearing no difference between FM and DAB, even among S.F.'s hills.

Help in latching onto new call letters might be yours if you're a college broadcaster. The NACB (National Association of College Broadcasters, at NACB Legal, 71 George St., Providence RI 02906) says, "If a call sign you want is now being used by a maritime ship, call or write NACB... We might be able to assist you in freeing that call sign for your use." The number to call is (401) 863-2225.

A letter I wrote appeared in *Current*, a newspaper for public broadcasters, Aug. 26: "The item in your March 4 issue about the subcarrier of KSJN-FM Minneapolis occasionally causing disturbance to the classical music audio, provoking a lot of complaints for many years from listeners' played into the stereotype that using an SCS/SCA causes interference to FM radio's main channel stereo. Nonsense! The fact is that many public FM stations make use of a subcarrier with nary a complaint about interference. Using state-of-the-art transmission gear helps to insure a main carrier uncontaminated by the subcarrier. There are virtually no receivers out there that get 'birdies' in the main channel from SCS usage, thanks to modern integrated circuit design in the multiplex circuitry. Broadcasters shouldn't let the prejudice of some in the industry scare them from offering an SCS for profit-making or public service purposes."

Station totals from the FCC as of Aug. 31: AM radio 4987, FM (92-108 mhz) 4502, FM (88-92 mhz) 1475, for an FM total of 5977, on air and licensed. There were 1871 FM translators and boosters.

From the classifieds: Financial assistance needed for new Class A FM in WY, 3-county coverage, consider investor/partner, need \$35K to complete, J. Dunker, Box 34, Fort Bridger WY 82933; (307) 782-3481.

Bill Coleman, Jr., again trying to sell WIST 94.3 Lobelville TN—\$150,000 with \$50,000 down. 50 kw CP on hand; call (615) 593-2294.

Radio announcers/board operators 97.7 Cool FM/AM WKEU Griffin GA, parttime; (800) 441-0097, EOE.

Free 5 kw RCA AM transmitter to nonprofit organization. Tom Hale, (707) 937-3554. National Radio Club AM Radio Log, \$19.95 from NRC Publications, PO Box 164, Mannsville NY 13661-0164, 350 pp.

Station manager, KDHX \*88.1 St. Louis MO, \$20,000-\$23,000 plus benefits. Letter and resume

to KDHX, Ste. 25, 625 N. Euclid St., St. Louis MO 63108. EOE.

Wants to buy Technics 3T9030 FM tuner. J. Ramsey, WWUH, U. of Hartford, W. Hartford CT 06117; (203) 243-4703.

Wanted Robert A. Jones/Tepco 10-w FM translator, J. Stromquist, WNCB, 2828 Piedmont Ave., Duluth MN 55811; (218) 722-3017.

FM FORUM

CONTRIBUTIONS FROM READERS

Alex Nardacci sent a Knight-Ridder article on how makers of TV sets are cheating on their stereo. To be really effective, the stereo TV system used in the U.S. requires a DBX-brand noise-reduction circuit built into the set. Unless the set claims that feature, any stereo will be without the maximum separation it could have. Consumers are asked to read the operating manuals that come with the sets to learn what features may be in those sets. That's also good advice when buying a new car—demand a look at the owner's manual, especially the part of it discussing the radio and the car's sound system. In GM cars, this is usually a separate publication from the owner's manual. Many Oldsmobiles include an "FM Stereo Station Directory" that I supplied GM for many years.

A pirate broadcaster in Kokomo IN is on 89.1, using the call letters "WELI," with rock oldies in stereo, an SCS, and heard in a car up to 10 km. So reports a contributor there, who says "One engineer has actually located the antenna, which he describes as a whip on a pipe. He likes what the station is playing and declines to tell where it is. He also says he appreciates the absence of processing and that it is a welcome relief from the heavy handed approach used by commercial stations playing the same kind of music. Quite a few engineers and technicians know about the station now, and it's only a matter of time before others find it. It took me three nights after work, but I found him in an older residential area south of downtown. . . He's been visited by two local hams who characterized the station as an incredible rat's nest. The transmitter is a modified land mobile unit, and he's using what looks like the top of a CB base station antenna. There are no radials, and I believe the length is entirely wrong for FM. . . I'd estimate it to be in the 50 to 100 watt category. . . For someone with no technical training, he seems remarkably capable. Even though his station is a mess, putting such a thing together takes both effort and knowledge. He was arrested earlier for using a 'black box' to avoid long distance telephone charges and also for computer hacking. He's unemployed, around 30, and apparently lives off his mother. She, by the way, makes her living from accident law suits!"

Dan Eddington sends word of the success of WUBU 96.5 Portage-Kalamazoo MI, which might ironically mean more problems for the station (see last month, p. 8, col. 3 where local residents were complaining of interference from this station). Owner Larry Langford, Jr., of Chicago, has postponed the proposed sale in the wake of 3,700 signatures on petitions passed out by the NAACP and more than 5,000 signatures obtained at the Black Arts Festival. Seems the format is popular with that segment of the audience. Langford, a reporter for

WMAQ (AM) Chicago, may decide to cancel out on the sale to Tri-State Media of Coldwater. The main reason Langford got the station was because he was a minority applicant. Langford pointed out financial problems in his long court battle with WRKR 107.7 Portage MI, and when Tri-State came forth with \$50,000 when the deal was signed and promise of \$450,000 more to be paid at closing, it was very tempting indeed. After coming on the air with urban, Langford said he did not anticipate the station's popularity with both whites and blacks. "African-American residents took it in and made it a part of the family. White listeners also took the station in, saying the blend of music is what they had been looking for, not caring about the color of its ownership." Letters have been sent to all households complaining of interference, "even though several of the people live very far from the transmitter, such as in Mattawan. Each complaint will be treated on a case-by-case basis and WUBU will take steps to remove the interference as we find it." In the meantime, WUBU has lowered its power from 3000 to 775 watts. "This voluntary reduction will ease those cases of true interference that exist as we work toward a solution." If Langford backs out of the sale, it's possible Tri-State will hit him with a breach of contract lawsuit. That's what I was faced with when two partners and I applied for 100.9A in Syracuse NY in 1969; we were going against WSOQ, Inc., which ultimately got the channel in North Syracuse. We had signed an agreement to withdraw, then decided to go ahead with the application. When notice came of pending lawsuit for breach of contract, my partners, who were still in NY (and I was in MN), withdrew the application without consulting me, and thus our plans for an Eastern Associates' FM station died. Like WUBU, we would have programmed to the black community.

**FM Atlas update:** Progress on a 14th edition is going slowly, and it looks like the book won't be ready before 1992. With more than enough news to fill this newsletter, I decided to do an October FMedia! and concentrate on a late October deadline for the book. There most likely will be a November FMedia! as well as one in December, although things could get hectic, in which case the two months would be combined. Working on the maps has placed a strain on the old Standalone IBM Composer; a control belt had to be replaced. Another standalone Composer is here, which I may buy as a spare. Running the directories is always hard on the main computer printer, an IBM EScComposer, built in 1975, which has gone through a motor and a drive belt.

Joe Eisenberg says that the Lincoln ratings give KZKX 96.9 Seward NE the tops with its country format. KFRX 102.7 "continues its downward slide," which may account for its willingness to be downgraded from a C to a C1 (see above list). He listens to FM on a plane, and says "The rules prohibiting such reception were well founded back in the early and mid-60s when FM radios had two 9-v batteries because it took 18 v just to get a transistor to oscillate at those frequencies back then. The

local oscillator output was tremendous, and being 10.7 mhz above the intended reception frequency, it fell right in the aircraft band. . . All the airlines allow the use of laptop computers, a source of loads of wideband hash that can disrupt FM reception in an aircraft. Now I can hear a laptop being used with my radio several rows away, so if the aircraft systems are immune to that and they are immune to the use of cordless airphones which you carry to your seat, then they certainly are rejecting more than we are told. The reason the rule is still carried on the books is a mystery, but it might be related to a fear of loud boom boxes being used and disturbing others. A rule requiring the use of headphones and radios no older than 10 years would certainly eliminate any possibility of problems, both to communications and other passengers. . . I use your FM Atlas when I fly to give me an idea of what might be under and along my path. . . When you pass directly over a station, you will only get them for about four or five minutes. If the station is near your horizon directly out your window, you can hear it as long as an hour! Those stations are usually about 480 km from you. . . Keep up the good work with the newsletter and the Atlas!"

KGTS \*91.3 College Place WA, "an inspirational Christian music station," recently placed No. 1 in the Walla Walla market with an average quarter hour share of 12.8, according to Seattle-based Willhight Research, and said to be tops per quarter hour in the 25-54 age group.

Across the continent, Maine has the highest number of radio stations per capita, second only to Hawaii, reports Peter Russell. He visited the Nautel transmitter plant in Nova Scotia, and learned that they are making solid state FM transmitters in the Bangor ME area. "I saw the prototype that they took to the NAB and another 7-kw unit. . . They do nice work and unlike the tube models, with the 7-1 kw power modules and combiner, if a module goes out, you still have the other six going and can pull out the defective one and replace it. These transmitters come without an exciter (they feel there are enough good ones out there already) so you can use your own. . . The Bangor Baptist church which has WHCF is looking to put a satellite station in the southern part of the state. At present, we are waiting for the channel 6 interference study from DataWorld so I can look at the tropo maps to see if we have the magic number of people. Unlike the Freeport (WMSJ \*91.9 Harpswell) group, these folks have their act together (or should I say Acts?) and have the money to do it. I think the frequency I found will work."

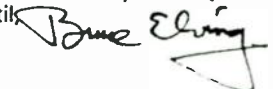
WZTR 95.7 Milwaukee has been bought by "media giant" Terry Shockley, owner of WOLX 94.9 Baraboo-Madison and KDAL-FM 95.7 Duluth. "He so far plans to retain the 'o' format, but because of his strong interest in bottom line broadcasting, he will likely make many streamlining personnel changes," writes Ted Wagen. He refused to renew the contract of almost 30-year radio veteran Bob Barry, the morning man at WZTR, "Star 95." "Maybe some WOLX or KDAL-FM personalities will

move to Milwaukee," Wagen muses.

"What a surprise to read in FMedia! that you were looking for updated information on the many FM histories you've spotlighted in the past. I thought it was very strange that I had just sent you information pertaining to this. . . You are more than welcome to use any of the information" in a Portland OR FM (and AM) history written by Craig W. Pattillo. "I spent three months on the project, talking to Portland area radio veterans, combing the Oregonian and Oregon Journal newspaper microfilms, searching through the files at the Oregon Association of Broadcasters and the Oregon Historical Society. The hardest thing on the project has been finding a way to make people aware that I have this for sale! I'm selling it at cost. It was a labor of love." Anybody interested in Portland radio station call letter meanings and other historical tidbits can get one for \$3.50 from Pattillo at PO Box 25296, Portland OR 97225. To update it, he says KGW and its FM, KINK 101.9 are for sale. KGW's separate programming ended to save costs. "One of the prospective buyers heard about this and said they would like the station to keep its historic call letters—the oldest in Oregon. [Thus] 'KINK-FM' is still KINK."

Jeff Stromquist, owner of WNCB \*89.1 Duluth, is trying to move it to \*89.3, which is tight spacing to \*89.9 at nearby Brule WI. "It appears they have [the FCC] some nifty new software to play with. After examining what they do, I wonder why they even bother to ask the broadcaster for any technical exhibits—except for location, height, power and antenna data? The rest they duplicate anyhow." An intermodulation study he had done for the market came out to be 21 pages long. Similarly, the Milwaukee SBE newsletter notes that the FCC is enforcing a little-known interference policy with respect to FMs moving to a site shared by other FM stations. The CP of the newly co-located station may be conditioned with the requirement that all complaints of receiver-induced third-order intermodulation effects (RITOIE) be investigated and/or corrected before full program testing can begin. The condition applies if a combination of strong signals can mix in the listener's receiver, and cause interference to another FM station serving the same market. Stations are responsible even if no spurious signals are being emitted. "The new 'rule' is a result of the WKLX/WCMF fracas in Rochester NY."

"Doc" Searls took me on a photo tour of the island of Maui, from his honeymoon. "Maui was an interesting place. The 'up-country' 96.7 translator for KAOI covers an enormous territory—nearly as much land area on Maui as the main signal of the station. The most interesting thing was going up to see the sunrise on Mt. Haleakala. There, in a valley between the observation deck and an astronomical observatory, I found the transmitter for KKUA (90.7) and several TV stations. . . Look in the Atlas and you'll see that KKUA has the highest height above average terrain in all your. . ." [To be continued.]

Until  


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†No issue the month the "FM Atlas" goes to press; FMedia! averages 11 issues per year.

1991

November-December

## New FM Station, Translator Grants

This issue has a deadline coordinated with  
 FM Atlas-14

- AL Brundidge 94.7 2000 h,v; 120 m, Troy Bcstg. Corp. [lic Bishop of N. AK]
- AK Nome \*96.1 100 watts h,v; 42 m, Catho-/
- AZ Duncan K285- 104.9 (KPSN 96.9 Phoenix)
- AZ Prescott K269EE 101.7 (KAHM 102.1 Prescott) [89.1 Little Rock]
- AR Forrest City K218BJ \*91.5 (KUAR/AR Pine Bluff \*91.1 1000 h,v; 61 m, g, Bible Bcstg. Network [burg KS])
- AR Rogers K2043S \*88.7 (KRPS 89.9 Pitts-/AR Waldron K205CC \*88.9 (KSBC 90.1 Hot Springs AR)
- CA Baker (highway station west of Mountain Pass) 101.5 50000 h,v; 150 m, Baker Bcstg.
- CA Big Pine K288DL 105.5 (KMMT 106.3 Mammoth Lakes; applies for license renewal)
- CA Indio \*89.3 780 h,v; 180 m, jc, Santa Monica Community College
- CA Kings Beach \*89.9 2700 h,v; 218 m, CA State U. [A. Tyler]
- CA Lenwood 107.3 440 h,v; 235 m, Wendell/CA Ludlow (on I-40 between Barstow and Essex) 105.7 1800 h,v; 180 m, First American Communications [ica Com'ty. College]
- CA Oxnard \*89.1 200 h,v; 260 m, Sta. Mon-/
- CA Susanville 96.3 25000 h,v; 100 m, Antelope FM Partnership [M. Murphy]
- CO Buena Vista 104.1 6000 h,v; 433 m, Riley/
- CO Englewood "KGNR" \*90.5 .1 watt (95 mw), 30 m, g, Lion and Lamb Edu-Cable, Inc. from atop Porter Memorial Hospital. "It's not



much, but this does allow us to demonstrate our programming and music to potential supporters within a mile or so radius. The immediate area around Porter Hospital is an Adventist 'Ghetto'. On 24 hours with Three Angels satellite (TV) audio; local programs 3-11 p.m. daily. Apparently legal under FCC Part 15. [ora Alexander]

- CO Strasburg 102.3 6000 h,v; 100 m, Leon-/
- GA Coosa (between Rome and AL border) 95.3 3000 h,v; 100 m, Jean M. Gradick
- GA Fort Gaines \*90.9 100 h,v; 91 m, GA Public Telecommunications Commission
- GA Helen 105.1 420 h,v; 263 m, H. Bcstrs., Inc.
- GA Martinez 107.7 50000 h,v; 145 m, Kennedy Bcstg. [m, Dobson, Goss, et. al.]
- ID American Falls 104.1 3000 h,v; 100/
- IL Decatur W264AA 100.7 (WEJT 105.1 Shelbyville) [L. Stratemyer]
- IL Hillsboro 99.7 50000 h,v; 150 m, Benjamin/
- IN Brownsburg (Indianapolis) 101.9 2500 h,v; 51 m, Helen Quinn [Moody Bible Inst.]
- IN Kokomo \*91.7 2100 h,v; 91 m, g,/
- IN Westport \*91.5 14500 h,v; 93 m, g, Good Shepherd Radio, Inc.
- KS Great Bend \*90.9 50000 h,v; 238 m, Hutchinson Community College
- KS Independence K205CB \*88.9 (KRPS 89.9 Pittsburg)

- KS Seneca 92.1 3000 h,v; 100 m, KNZA, Inc.; causing translator there to delete
- LA Alexandria \*91.7 1000 h,v; 74 m, g, Bible Broadcasting Network [ble Bcstg. Net.]
- LA Lafayette \*91.9 1500 h,v; 165 m, g, Bi-/
- MD Cumberland W253AB 98.5 (WFRB-FM 105.3 Frostburg) [-FM]
- MD Hagerstown \*89.1 900 h,v; 403 m, WETA-/
- MI Ashley (between Elsie and Alma) 92.5 3000 h,v; 100 m, Wm. V. Constine
- MI Hillman (between Atlanta and Alpena) 94.9 50000 h,v; 150 m, Mark A. Kilmer
- Mi Sault Ste. Marie W271AC \*102.1 (WNMU 90.1 Marquette) [KBEW, Inc.]
- MN Blue Earth 98.1 25000 h,v; 100 m,/
- MN Cloquet WKLK-FM 96.5 6000 h,v; 100 m,

## WKLK RADIO

15 South Tenth Street  
 Cloquet, MN 55720

- WKLK, Inc., to be \$, rm, on air next month
- MN Eden Prairie 105.7 3000 h,v; 100 m, SW Suburban Radio—Jack and Emily Moore, former owner of WAYL 96.1 Minneapolis, KTWN-FM 107.9 Anoka and KABG 105.5 Cambridge MN. Expected on air by mid-1992; format not yet disclosed. [Duluth]
- MN Moose Lake W294AA \*106.7 (WNCB 89.1/
- MN Pelican Rapids 104.1 50000 h,v; 150 m, Heart of the Lakes Bcstg.
- MN Winona 101.1 2300 h,v; 163 m, Home Bcst. Co. [Dixons Mills AL]
- MS Laurel W205AM \*88.9 (WMBV 91.9 Dix-/
- MS Meridian W205AL \*88.9 (WMBV)
- MS Woodville 107.7 3000 h,v; 100 m, PDB Bcstg.
- NV Ely K220DT \*91.9 (KNIS 91.9 Carson City)
- NJ Manahawkin 105.7 25000 h,v; 96 m, Press Bcstg. [m, g, Sound of Life, Inc.]
- NY Hudson \*91.1 80 watts vertical only; 106/
- NY North Creek \*89.9 200 h,v; 608 m, St. Lawrence U.—an irrational assignment, as it is too close to WXMH \*89.9 Blue Mountain Lake, also owned by St. Lawrence U.
- NY Oswego \*88.9 100 h,v; 3 m, State U. of NY
- NY Southport 99.5 1300 h,v; 148 m, Nancy Nicastro
- NC Charlotte 92.7 84 v, five sites, temporary station to MHS Holdings, LP; experimental—testing for in-band DAB?
- NC Kill Devil Hills 104.1 100000 h,v; 122 m, K.D.H. Communications [Granville]
- OH Columbus W272AT \*102.3 (W/DUB 91.1/
- OH Portsmouth \*88.3 1000 h,v; 196 m, gc, The Cedarville College (displacing translator)
- OH Wooster WKRV \*89.3 2100 h,v; 97 m, Kent State U., displacing translator [Bcstg.]
- OR Lincoln City 95.1 24500 h,v; 216 m, L.C./
- PA Beaver Springs 106.1 180 h,v; 400 m, Mary Ann Fleisher
- PA Hawley 105.3 3000 h,v; 100 m, Susan Larose
- PA Levittown W300AA \*107.9 (WRDV 89.3 Warminster)
- PA Oliver 94.9 210 h,v; 378 m, Humes Bcstg.
- SC Belvedere (Aiken) WUOZ \*88.3 4500 h,v; 423 m, g, Toccoa Falls College, to displace WFGG \*88.3 Fort Gordon GA? [tal Bcst.]
- SD Rapid City 98.7 100000 h,v; 157 m, Crys-/
- TN Germantown 107.5 3000 h,v; 100 m, Omni
- TN Knoxville 104.5 2000 h,v; 120 m, McDonald Communications, Inc.
- TN Nashville W271AB 102.1 (WOZQ-FM 102.5

- Dickson TN, moving from 102.3)
- TX Amarillo \*91.9 2300 h,v; 89 m, g, Bible Bcstg. Net. [Jas. Madison U.]
- VA Lexington \*89.9 100h,v; 59 m, cj,/
- WA Chehalis \*90.5 3000 h,v; 30 m, g, C. Valley Ed. Foundation
- WA Spokane KTSL 104.7 3000 h,v; 94 m, g, Black Hills Christian Communications
- WV Charleston-Belle \*90.9 800 h,v; 190 m, g, Maranatha Bcstg., Inc. [88.1 Milwaukee]
- WI Janesville W218AH \*91.5 (WMWK 88.1/
- WI Seymour 104.3 2600 h,v; 109 m, Brooker Bcstg.
- WY Mammoth Hot Springs K296EF 107.1 (KCTR-FM 102.9 Billings MT)
- AB Chateh \*89.9 10 watts h, e, Dene Comm. Society [dio Society of PC]
- AB Pincher Creek CKIZ 90.5 10 h, r, Teen Ra-/
- BC Ucleulet CJWC 107.3 1 w h, West Coast Communication TV
- NB Clair CJEM- 104.3 16 h, French relayler
- NB Saint-Leonard CJEM- 95.1 16 watts h
- NF Burgeo CIBB 89.3 10 h, d-a, B. Bcstg. System, Ltd. [Social La Grande]
- PQ Camp LG-4 CHLG-1 100.1 28 h, d-a, Club/
- PQ Murdochville CJRG- 99.5 60 watts h,v
- PQ Restigouche CHRO 106.9 31 vertical, d-a, Donna Isaac (OBCL)
- PQ Winneway 93.5 50 h, Mark Hunter
- SK Canoe Lake CFCK 103.9 10 v, C.L. Communications Committee
- SK Cole Bay CFBB 89.9 10 v, C.B. Bcstg. Co.
- NT Fort Providence CHFP 101.9 10 v, e, Native Communications Society [C. S.]
- NT FortSmith CHFS 101.9 10v, e, Native/
- NT Rae-Edzo CBQB \*105.1 160 h, CBC
- NT Yellowknife 95.3 110 h,v; Y. Bcstg. Society
- YT Whitehorse 98.7 10 v, e, N. Native Bcstg.

## Call Letters Assigned or Changed

- AL Fruithurst 102.7 WCKS
- AK Soldotna 96.5 KAZO (KSLD-FM)
- AZ Green Valley 92.1 KTNZ (KQSN), r
- AZ Oracle 103.1 KLOB (KQLD), k, "Camel Country"
- AZ Seligman 103.3 KZKE
- AR North Little Rock 101.1 KZQA
- AR Pine Bluff \*91.1 KYFB
- CA Crescent City 94.3 KCRE"-FM" (KCRE-FM; AM gets new calls)
- CA Fallbrook 107.1 KBAX (KMLO)
- CA Freedom 107.5 KPIG (KHTX), back to k, with a "Swine Line" for requests
- CA Gonzales 104.3 KHKN-FM (KPUP-FM), k, "Kick'n," part of an LMA with AM stations KMBY and KLAU in Monterey/Salinas
- CA Hanford 107.5 KMML (KMMA), k
- CA Lake Arrowhead 103.9 KBON (KSHO), to 190 h,v; 534 m
- CA Quincy 100.3 KSPY (KZDD)
- CA Santa Rosa \*91.1 KZQC
- CO Buena Vista 104.1 KBVC
- CO Denver 100.3 KMJI (KXLT), "Magic 100"
- CO Gunnison KYYY (KGUC-FM), r
- CT Ledyard 106.5 WBMW (WVNL), to 6000 h,v; 91 m [k, "OK-98"]
- FL Arcadia 98.3 WOKD-FM (WXKT),/
- FL Callaway 103.5 WDRR (WBKL)
- FL Cape Coral 103.7 WXXB (WAKS)
- FL Green Cove Springs 92.7 WJBT (WZAZ-FM), "The Beat," still s
- FL West Palm Beach \*88.1 WAYF
- GA Augusta 102.3 WGUS-FM (WOPW), k, programmed by Benchmark Communica-

tions, WZNY 105.7. "With Benchmark, the station should be managed very well. We should have stayed with country."

GA Leesburg 103.7 WEGC (WIKX)  
 GA Lumpkin 99.3 WYAZ  
 GA Wrightsville 106.3 WDBN (WIML)  
 HI Kaneohe 104.3 KBLZ  
 IL Chicago 94.7 WLS-FM (WYDZ), t, mono, AM simulcast. "In the latest ratings WYDZ 94.7 was 22nd at 1.3% listenership. ABC had to make a change, and the bosses decided to simulcast AM 890. It may or may not be permanent. . . Another Chicago FM rocker goes down."

ID Ketchum 104.7 KYAA  
 IL Herrin 92.7 WVZA  
 IL Olney \*90.3 WUSI-FM"  
 IL Woodlawn 106.9 WDML (WUID)  
 IL Woodstock 105.5 WZSR (WAIT-FM)  
 IN Battle Ground 98.7 WVEZ  
 IN Churubusco 96.3 WKQM  
 IN Fort Wayne 92.3 WFWI  
 IN Greenwood 106.7 WGGW (WVYJ)  
 IA Boone 98.3 KIAB (KWBG-FM)  
 IA Mason City 93.9 KIAI (KNIQ), k  
 KS Copeland 98.1 KYBD  
 KS Liberal 105.1 KZQD  
 KS North Fort Riley 102.5 KBL5 (KXDJ)  
 KS Topeka \*90.3 KZKH  
 KY Radcliff 103.5 WUOX  
 KY Reidland 106.7 WSEX (WSEQ)  
 LA Alexandria \*91.7 KYFE  
 LA Buras \*91.9 KMRL  
 ME Dennyville 102.9 WVZD  
 ME Kennebunk 99.3 WBQQ (WJIB), to be c, "W-Bach," with "canned programs syndicated out of KDFC in San Francisco" via tape  
 ME Sanford \*88.5 WSEW  
 MD Baltimore 101.9 WLIF-FM" (WLIF-FM; AM gets new calls)

MD Salisbury 103.1 W276AW  
 MA West Yarmouth 94.9 WXTK (WOCB-FM), nt, mono  
 MI Carrollton 100.5 WTCF (WKFK)  
 MI Port Huron 102.3 WGR  
 MN Northfield \*89.3 WCAL (WCAL-FM); AM traded to the U. of MN for land; KUOM expands on AM to non-share time use of its daytime frequency.

MN St. Peter \*91.5 KNGA (KVRU)  
 MN Stewartville 105.3 KYBA  
 MS Cleveland 107.7 WMJW (WZRI)  
 MS Meridian 101.3 WJDQ (WJDQ-FM)  
 MS Utica 92.9 WOAD-FM (WJXN-FM), sg, AM is in Jackson

MO Kansas City 99.7 KLTH (KMBR)  
 NV Reno 101.7 KTHX (KOH-FM), still p, \$  
 NH Winchester 98.7 WXOD (WKBK-FM), o  
 NY Blue Mountain Lake \*89.9 WXLH  
 NY Elmira 92.7 WENY-FM (WLEZ) [Gold"]  
 NY Hudson 93.5 WRVW (WRES), still o, "93/  
 NY Montauk 94.9 WVZC

NY Not changing calls—yet: WPLJ 95.5, but rumored to want to dust off oldies and bring back WABC-FM, recalling heyday of its AM 770. WCBS-FM 101.1, anticipating possible oldies competition, has already switched onto "Cousin Bruce" Morrow, and Scott Shannon hasn't helped the station's former "MoJo" image like he had when he was at WHTZ 100.3. NonID is "95.5 PLJ."  
 NY Rotterdam 98.3 WTRY-FM (WSHZ), taking

calls of non-co-owned AM in Troy, still o, "Great 98" [r, "Double Q"]  
 NC Charlotte 95.1 WAQQ (WGKL-FM),/  
 NC Eden 94.5 WMKG (WWMY)  
 NC Salisbury \*102.5 WKTD (WNDN)  
 NC Wilmington 105.3 WUOY  
 OH Chillicothe \*91.9 WVZF  
 OK Nowata 94.3 KRIG (KNFB)  
 OK Poteau 107.3 KBSY (KLMK), rm, "Sunny"  
 OK Sapulpa 100.9 KXOJ-FM (KXOJ-FM")  
 OK Sulphur 100.9 KFXT (KFNC)  
 OR Brownsville 102.3 KGAL-FM" (KGAL-FM; AM in Lebanon gets new calls)

OR Medford \*91.7 KCIA [(not "Z-96")]  
 PA Benton 95.9 WZCC (WBNE), rp, "Z-95"/  
 PA Boyertown 107.5 WBYN (WYCL), g, taken over by WDAC 94.5 Lancaster.  
 PA Braddock 96.9 WRRK (WMYG), "Rock 97"  
 PA Erie 94.7 WVZB  
 PA Pittsburgh 104.7 WORD-FM (WEZE-FM); AM is in Spartanburg SC  
 PA Pittston 102.3 WTOQ-FM (WWRB), "Q-102" (AM is in Platteville WI)

PA Washington \*92.1 WXJX (WXJM); see Harrisonburg VA below  
 PA York 105.7 WQXA-FM (WQXA)  
 SC Pawleys Island 100.3 WPAW  
 SC Scranton 102.9 WSQN (WJZX)  
 SD Rapid City 104.1 KIQK (KION), k  
 TN Jefferson City 99.3 WJFC-FM (WNOX)  
 TN La Follette 104.9 WQLA-FM (WQLA)  
 TN Loudon 99.1 WNOX (WLOD-FM); ID with Knoxville, as does 99.3, WJFC-FM

TX Amarillo \*91.9 KYFA  
 TX Arlington 94.9 KODZ (KHYI), o, "Oldies 94.9." It dropped from No. 5 to 18 with a mere 2% of the audience before switching. Oldies KLUV 98.7 "already is circling the wagons."  
 "Despite being a strict nonIdentifier, KODZ uses its calls in its ads."

TX Comfort 95.1 KYBC  
 TX Howe 95.3 KZKF  
 TX Raymondville 105.7 KARU (KQUF)  
 TX Wichita Falls 92.9 KNIN-FM (KNIN-FM")  
 TX Woodville 94.7 KVLL-FM  
 UT Salt Lake City 94.1 KALL-FM (KLCY-FM), o, "Oldies 94"

UT Vernal 105.9 KLCY-FM (KUIN); KLCY AM is in East Missoula MT, to 7400 h.v. (126 m)  
 VA Harrisonburg \*88.7 WXJM (not WZJM). "The station in Washington PA (see above) applied for different calls at the request of the station at JMU. The FCC allocation letter is enclosed for your interest."

VA Lawrenceville 98.9 WHFD (not V:LES-FM); on air, oldies and country (ok), monophonic  
 VA Manassas 106.7 WJFK-FM (WJFK); AM in Baltimore (1300) now simulcasts the FM, including Howard Stern.

VA White Stone 100.1 WVZG  
 VA Yorktown 94.1 WKOD (WKEZ), r, parallel to WKOC 93.7 Elizabeth City NC

WA Davenport 102.5 KZQB  
 WI Minocqua 95.9 WMQA-FM (WWMH)  
 WI Waukegan 105.1 WIMN. "Raspberries to whoever suggested (FMedia! Oct.) that this suburban Madison CP should move to less crowded 92.9 or worse 93.1—home of Chicago's magnificent WXRT, which comes in clear and clean on higher elevations south of Madison, including my own."

PR Hormigueros 92.1 WEGM (WBOZ-FM/WGIT) 106.1 WGIT

AB Banff \*104.3 CKUA-FM14, \$ [d-a, \$  
 BC Abbotsford 104.9 CFSR (CKSR), 16000h./  
 BC Armstrong-Enderby 98.7 C1CF-4 (CKAL-4), h.v. [(CKSR-1), h only

BC Chilliwack 107.5 CKSR/ [h, d-a  
 BC Christina Lake \*88.5 CBRO (CBRI), 100/93.3 CKGF-1 (CKGF-3)

BC Clearwater 102.9 CFJC-1 (CFJC-2)  
 BC Creston 89.9 CKIB, 10 v (no h)  
 BC Gold River 100.1 CJGR (CFWB-)  
 BC Greenville (move from New Aiyunsh) 96.1 CILZ, 8 v [CKHH (CKNL-1), 10 v

BC Hudson's Hope 106.1/ [m, non d-a)  
 BC Kaslo 95.3 C1CF-3 (CKAL-3), 42 h.v. (-93/  
 BC Mackenzie 105.7 C1OI-2

BC Magna Bay 94.7 CILC (CILK-1), v, not h  
 BC McLeod Lake 92.5 C1OI-1  
 BC Merritt 99.5 CFJC-FM  
 BC Nakusp 103.1 C1CF-1 (CKAL-1)  
 BC New Denver 93.5 C1CF-2 (CKAL-2)  
 BC Ootsa Lake-Tatalrose \*94.9 CFUG  
 BC Pemberton 104.5 C1SP (C1EP), 20 v (-215 m), d-a

BC Phoenix \*97.9 CBRJ, 300 h, d-a  
 BC Port Alice 100.3 CFPA (CFNI-)  
 BC Princeton \*93.1 CBRG (CBRP), 16 h, d-a  
 BC Radium Hot Springs \*94.5 CBUQ (CBKV), h, d-a [only, d-a

BC Sorrento 107.1 CHNL-2 (CHNL-3), h/  
 BC Tumbler Ridge 92.7 CJDC-1  
 BC Uxaleet 102.7 CIWC (CKKS-)  
 BC Valemount \*90.3 CBTU (CBKI)  
 MB Cranberry Portage \*88.9 CBWU, h.v  
 NB Allardville \*97.9 CBAA (CBAF-22), English, tm, from Neguac [from Newcastle

\*105.7 (from 101.9) CBAF-2 (CBAA),/  
 NB Campbellton \*91.5 CBAF-3 (CBAF-23), 2400 h (223 m, d-a)  
 NB Edmundston \*100.3 CBAF-4 (CBAF-28), 20400 h.v. (204 m) [(CBAF-14)

NB Fredericton-Saint John \*102.3 CBAF-1/  
 NF Clarendville 100.7 VOCM-1, 1200 h.v. 105.3 CJKK  
 NF Deer Lake 95.1 CKXX-1 (CJDY), h.v  
 NF Hopedale LB 89.9 CJHL, v

NF Rigolet LB 89.9 (from 89.1) CHLR, 1 v \*105.1 CFRL (CFGB-), 4 h.v  
 NF Saint John's \*105.9 CBAF-17 (CBAF-20)  
 NS Cheticamp \*103.9 CBAF-13 (CBAF-17)  
 NS Digby \*104.7 CBAF-7 (CBAF-31)  
 NS Halifax \*92.3 CBAF-5 (CBAF-19)  
 NS Middleton \*93.3 CBH-FM1, is h, d-a

\*107.5 CBAF-6 (CBAF-21)  
 NS Mulgrave \*107.5 CBAF-11 (CBAF-25)  
 NS New Glasgow \*88.7 CBAF-10 (CBAF-27)  
 NS Sydney \*95.9 CBAF-14 (CBAF-24), d-a  
 NS Weymouth \*100.9 CBAF-8 (CBAF-2), h only, d-a; 103.3 CKDY-1

NS Yarmouth \*107.3 CBAF-9 (CBAF-30), 1200 h.v. (145 m, d-a)  
 ON Dubreuilville 93.9 CFNO-6, h.v  
 ON Fort Erie 101.1 CKEY (CJFT), d-a; its 530 AM silent, deleting [watts h

ON Geraldton 107.1 CFNO-4 (CFNO-3), 5/  
 ON Hearst \*91.1 CINN, h  
 ON Hornepayne 107.1 CFNO-2 (CFNO-1)  
 ON Longlac 107.1 CFNO-5 (CFNO-4)  
 ON Meaford-Centreville 104.9 CKNX-FM2, d-a

ON Midland 88.1 CFRH-1 (CFLX), v  
 ON Ottawa (east) 96.5 CFDT 6 v, d-a, t (English) (west) 96.5 CFDT-1, 6 v, d-a, t (French)  
 ON Thunder Bay \*88.3 CBQT (CBQ), h \*101.7 CBQ-FM" (CBQ-FM; AM deletes)

ON Wawa 107.1 CFNO-7  
 PE Charlottetown \*88.1 CBAF-15 (CBAF-29)  
 PQ Cabano 102.7 CFVD-1 (CFVD-FM-)  
 PQ Havre-St-Pierre 95.1 CILE (CITE-)  
 PQ Kangisualujjaq 89.9 CFGR, v

PQ Lac Megantic 101.7 CFJO-1  
 PQ Maniwaki 103.9 CKWE, 50 h  
 PQ Pohenegamook 104.9 CFVD-2 (CFVD-FM2)  
 PQ Port Menier 90.1 CJBE, 6 h, d-a  
 PQ Radisson 92.3 CIGP (CITE-)  
 PQ Riviere-au-Renard \*92.5 CBGA-3, 40 h

PQ Riviere-du-Loup \*89.5 CJBR-FM1, h 107.9 C1BM-1, h, d-a  
 PQ Rouyn-Noranda 96.5 CHOA (CHLM)  
 PQ St-Felicien 92.1 CHVD-1, h.v  
 PQ Saint-Pamphile \*88.7 CBV-4, h  
 PQ Squatec 92.1 CFVD-3

PQ Trois-Pistoles 104.9 C1BM-2, h, d-a  
 PQ Val d'Or-Lithium Mines 103.5 CHOA-1 (CHLM-1) [93.5 station deletes  
 PQ Winneway 93.5 (from 100.1) CFWR; former/  
 SK Cumberland House 89.9 CJCF, v

SK La Loche 103.1 CHPN, 5 v, d-a  
 SK La Ronge (not La Loche) 89.9 CJLR, v  
 SK Pelican Narrows 89.9 CJAZ, v  
 SK Pinehouse Lake 89.9 CFNK (CKRW-), v  
 SK Regina 92.1 CHMX (CFMQ)

SK Saskatoon 90.5 CFCR  
 NT Hay River Reserve 101.9 CHRR (CKNM-),/ d-a  
 NT Inuvik 103.1 KEVW, 8 h  
 NT Nanisivik 90.1 CHOP, 45 v [3v, d-a  
 YT Carmacks 90.5 CHCK (CKRW-),/ [v, d-a

YT Haines Junction 90.5 CHJW (CKRW), 10/  
 YT Haines Junction 90.5 CHJW (CKRW), 10/







ON Sault Ste. Marie CBSM \*89.5 h only  
 ON Sudbury CJRQ 92.7 h,v  
 ON Toronto CKLN \*88.1 230 h,v (259 m)  
 CKRY 105.5 h,v [h,v (34 m)]  
 ON Waterloo CKMS 100.3 (from 94.5) 250/  
 ON Windsor CJAM-FM \*91.5 d-a  
 CKLW-FM 93.9 d-a [(216 m)]  
 ON Wingham CKNX-FM 101.7 70000h,v,d-a/  
 ON Woodstock CKDK 102.3 d-a  
 PE Charlottetown CHLQ 93.1 h only  
 CBCT \*96.1 h only  
 PQ Blanc Sablon CFBS 89.5 7 v, d-a  
 PQ Cape aux Meules CBGA-8 \*93.5 3700 h,v  
 (204 m)  
 PQ Champion CIHQ 93.1 28 h, d-a (50 m)  
 PQ Chandler CBVB \*103.7 h only  
 PQ Chicoutimi CFIK 96.9 47600 h,v, d-a; \$  
 PQ Cloridorme CBGA-9 \*105.1 h only  
 PQ Dolbeau CBJ-3 93.1 38200 h,v (494 m)  
 PQ Gaspe CBVG \*88.5 h, d-a  
 PQ Grande-Vallee CBGA-14 \*104.1 h only  
 PQ Gros-Morne CBGA-13 \*94.5 h only  
 PQ Harrington Harbour CBMU \*95.5 d-a  
 CBSI-15 \*100.5 d-a  
 PQ Kawachikamach (Schefferville) CJCK 89.9  
 (from 106.9) 1 v (14 m); CFNM 89.3 deletes  
 PQ Kuujuaq 90.1 CKUJ v only  
 PQ Kuujuaqripiq CKRQ 95.9 (from 89.9) 1 v  
 PQ La Malbaie CIHO-1 105.9 h,v  
 PQ L'Annonciation CBF-15 \*88.3 h only  
 PQ Les Escoumins CHME 95.1 12 v (no h; 14 m)  
 PQ Longueuil CIEL 98.5 h only  
 PQ Louvicourt CHUT 95.3 h,v  
 PQ Maria CHRQ 101.7 10 v (no h)  
 PQ Marsoui CBGA-12 \*89.3 (from 98.3), h  
 PQ Mingan CKKE 89.9 10 v (no h)  
 PQ Mont-Louis-en-Haut CBGA-11 \*106.1 h  
 PQ Montreal CISM \*89.3 h only  
 CKUT \*90.3 h only  
 CJFM 95.9 no d-a (h only)  
 CIBL 101.5 v only, d-a [watt v]  
 PQ Natashquan CFNQ 90.1 (from 104.1), 1/  
 CKNA 104.1 (from 98.1) 40 v (18 m)  
 PQ New Carlisle CBVN \*101.5 h  
 PQ New Richmond CBVR \*103.5 h  
 PQ Perce CBVP 105.3 h  
 PQ Pointe-Bleue CHUK 107.3 v (no h)  
 PQ Quebec CKIA 96.1 has h,v  
 CHOI 98.1—apparently not moving to 96.9  
 PQ Radisson CKBJ-2 98.1 94 h, d-a  
 CBF-7 \*100.1 h only  
 PQ Rimouski CJBR-FM \*101.5 h, d-a  
 PQ Riviere-St-Paul CBMY \*104.3 d-a  
 PQ Rouyn-Noranda CJMM 99.1 3000 h,v  
 CBMA \*99.9 h only  
 PQ St-Augustin CIBE 90.1 v (no h) [MF"]  
 PQ St-Hilarion CIHO 96.3 2500h,v, "C Show/  
 FC St-Jovite CBF-14 \*95.5 h only  
 CBFM \*98.1 h only  
 PQ Sakami CHLG 100.5 d-a  
 PQ Senneterre CIBO 100.5 (from 89.9) h,v  
 PQ Sherbrooke CITE-2 94.5 h only  
 CIMO-1 106.9 22 h,v  
 PQ Trois-Pistoles CJTF 93.9 2 h, d-a  
 PQ Trois-Rivieres CHEY 94.7 20600 h,v; d-a  
 CBF-FM1 \*104.3 38400 h,v, d-a (305 m)  
 PQ Val Morin CIME-1 102.9 4 h, d-a  
 PQ Vieux-Fort CBSI-19 \*91.7 d-a  
 CBMV \*95.9 d-a (Old Fort Bay)  
 PQ Waswanipi CBFV \*101.5 23 h, d-a (9 m)  
 CBVW \*105.1 h only, d-a  
 SK Ile-a-La-Croix CILX 89.9 v only  
 SK Regina CBK-FM \*96.9 100000 h,v (152 m)  
 NT Hay River CJCD-1 \*100.7 (from 100.1) 300  
 h,v, d-a (53 m)  
 CKHR 107.3 v only  
 NT Pangnirtung CBIJ \*105.1 h,v  
 NT Rankin Inlet CBQR \*105.1 90 h,v  
 YT Whitehorse CHON 98.1 h only

**Stereo—Or to be Stereo**

AL Attalla WKXX 102.9, r, "Kix 103"  
 AL Eufaula WDMT 97.9  
 AL Eutaw WIDO 104.3  
 AL Fort Rucker WXUS 100.5  
 AL Moulton WKXI 103.1 (having moved from  
 103.3), k, "X-103"  
 AL Opelike WMXA 96.7, "Mix 96"  
 CA Soledad KLUE 106.3, p, "Clue FM" (not  
 strict), ID with Salinas-King City  
 FL Apopka WTLN-FM; 95.3  
 FL Plantation Key WFKZ 103.1  
 FL Silver Springs WWGO 55.5, o

GA Ashburn WFFM 105.7, o, ID with Fitzgerald  
 GA Winesboro WAGW 107.1, "Lite 107.1," ID  
 with Augusta

ID Hayden KKCH 94.5, k  
 IL Ramsey WJLY 93.3 [City-Hawesville (KY)]  
 IN Cannelton WKCM-FM 102.9, k, ID with Tell/  
 IN Lafayette WJEF \*91.9  
 IN Mitchell WOTS 102.5, g  
 IN Terre Haute WPFM 102.7, a stereo carrier, but  
 no programming. "Calls given every five  
 minutes over telephone!"  
 IA Ankeny KMXD 106.3, "Mix 106"  
 KY Louisa WSAC 92.3, r  
 LA Reserve WADU-FM 94.9, "Laplace's All  
 Rock Station." Has "homebrew tapes with  
 no IDs, spots, promos." Seeking a 25 kw C3,  
 expected by spring.  
 MD Mountain Lake Park WKHJ 98.9, "99-KHJ"  
 MI Carrollton WKFK 100.5, "K-100.5"  
 MO Perryville KBOZ 93.1, "B-93.1"  
 NE Bonnington KRRK 93.3, p, "K-Rock,"  
 which they call "intensive rock." Even  
 though serving Omaha, there's no dual-city  
 ID.

OH Coal Grove WVXK 97.1, b  
 OH Fort Shawnee WBUC 107.5, "The Big Buck"  
 OH Marietta WEYQ 102.1  
 OH Troy WTRJ 96.9, o  
 PA Grantham WVMM \*90.7, "V-90.7 FM"  
 PA Spangler WCCZ 97.3, "Goldies 97-3"  
 TX Bryan KBMA 99.5, Spanish, l  
 TX Clarksville KCBZ 98.5  
 TX Georgetown KNNC 107.7, r, "107.7 K-Nac"  
 (strict), ID with Austin  
 TX Liberty KSHN 99.9, ID with Dayton  
 TX Lufkin KSWP \*91.1  
 TX Stephenville KCUB 98.3  
 VA Covington WIQO 100.9  
 WA Bellingham KZAZ \*91.7, cj, and "just had its  
 first fund drive," with the usual NPR shows; 2  
 a.m. sign off [with Longview ID]  
 WA Kelso KUKN 94.5, k, "Cookin' Country,"/  
 WV Berkeley Springs WCST-FM 93.5  
 WV Danville WZAC-FM 92.5  
 WV Dunbar WBES-FM 94.5  
 WV Princeton WAEY-FM 95.9  
 WI Altoona WISM-FM 98.1, op, ID with Eau  
 Claire, uses calls (no slogan)  
 WI Berlin WISS-FM 102.3  
 WI Brule WHSA \*89.9 now fulltime stereo with  
 c, weekend jazz, plus NPR, dropping weekday  
 call-in programming which was duplicated on  
 KUWS \*91.3 Superior WI)  
 WI Mosinee WOFM 94.7, o, ID with Wausau,  
 "Wausau's Oldies FM, WOFM."  
 WI Sheboygan WSHS \*91.7  
 WI Sturgeon Bay WPFM \*90.5

**MONOPHONIC**

FL Tampa WBVM \*90.5, remove \$ listing  
 KY Maysville WFTM-FM 95.9 still mono  
 TX Pasadena KJIC \*88.1 [\$ listing]  
 VA Clifton Forge WXCF-FM 103.9, remove/  
 WA Gig Harbor KGHP \*89.9 still mono  
 WI Shell Lake WGMO 95.3, remove \$ listing

**Format Changes**

*Formats are the same as in the "FM Atlas"*

AL Northport WLXY 100.7 rm  
 AL Ozark WQLS 103.9 rm  
 AR Mountain Home KKTZ 107.5 o  
 AR Stamps KZHE 100.5 k, getting an extension

of time to move from 100.1  
 AR Walnut Ridge KRLW-FM 106.3 k  
 CA Fresno SKSK 93.7 k, "Kiss Country"  
 CA Imperial KBCE 99.3 Spanish, l  
 CA Mendocino KMFB 92.7 o  
 CA Ontario KRZE-FM 93.5 e, loses stereo,  
 parallel to KFOX 93.5 Redondo Beach  
 CA San Luis Obispo KZQZ 93.3 p, but the  
 market "might be considered the lame radio  
 capital of the West. Stations at 98.1, 99.7,  
 101.3 and 107.3 fall into this category."  
 CA Tracy KSGO 100.9 o [no stereo]  
 CO Castle Rock KYBG-FM 92.1 nt, news/sports,/  
 CO Snowmass Village KSNO-FM 103.9 r, same as  
 on KKYX 98.3 Gunnison and KIDN-FM 95.9  
 Hayden  
 FL Key West WKRY 93.5 rp  
 FL Ocala WMFQ 92.9 mr  
 FL Pompano Beach WMXJ 102.7 o  
 FL Starke WEAG-FM 106.3 rm  
 GA Cairo WSLE 102.3 rm, "Whistle"  
 GA Dock Junction WXMK 105.9 r, CHR  
 GA Hinesville WSKX 92.3 s, s, "92 Jams" (from  
 "92 Kicks")  
 GA Macon WAYS 99.1 o, still "99 Ways"  
 GA Milledgeville WLRR 100.7 r, \$, no "Light  
 Rock" (is AC/oldies)  
 GA Springfield WQQT 103.9 k  
 HI Honolulu KHFX 105.1 o, entering a time sales  
 LMA with KQMQ-FM 93.1 and AM and  
 KPOI 97.5, under the umbrella, "Radio  
 Marketing Associates"  
 ID Caldwell KBXL 94.1 mr, "X-94"  
 ID New Plymouth KZMG 93.1 r, still "Magic 93"  
 ID Payette KQXR 100.3 r, "Power 100" (from  
 "Q-100")  
 IL Harrisburg WOOZ 99.9 o, ID with Carbondale  
 IN Austin WJAA 96.3 r  
 IN Indianapolis WHHH 96.3 r, "Hoosier Hot 96"  
 IN Rensselaer WLQI 97.7 r, "Q-98"  
 KS Baxter Springs KMOQ 107.1 o, "Oldies 107,"  
 ID with Pittsburg  
 KY Greenville WWHK 105.5 rp  
 KY Irvine WCYO 106.1 k  
 KY Vanceburg WKKS-FM 104.9 k  
 KY Wickliffe WGKY 95.9 op, SMN classic rock  
 LA New Orleans WRNO-FM 99.5 still p, but  
 dropping Z-Rock days. "Perhaps the arrival  
 of WZRH 106.1 has something to do with the  
 change. I've been told by someone who  
 claims to know the owner personally that  
 WRNO-FM has been up for sale (so has the  
 short wave)."  
 ME Dexter WGUY 102.1 o  
 ME Madison WHAA 97.5 o  
 MD Federalburg WQMR 107.1 r, "Power 107"  
 MA Harwich Port WFXR 93.5 rm  
 MA Hyannis WCOD 106.1 rm, "Gold/AC"  
 MA West Yarmouth WXTK nt, monophonic,  
 remove \$ listing  
 MI Cadillac WCKC 107.1 k, "KC Country," ID  
 with Traverse City. Programmed and identified  
 with WMKC 102.9 St. Ignace MI.  
 MI Hart WCXT 105.3 rm  
 MI Tuscola WGMZ 101.7 k, local marketing  
 agreement (LMA) with WKMF 1470 AM  
 Flint  
 MN Fergus Falls KJJK-FM 96.5 rm  
 MN Grand Rapids KMFY 96.9 rm  
 MN Park Rapids KDKK 97.5 o, uses calls, not  
 "StarStation 97 1/2"  
 MN Thief River Falls KSRQ \*90.1 rp  
 MS Ellisville WJKX 102.5 o, joint programming  
 with WKNZ 101.7 Collins  
 MO Savannah KSJQ 92.7 k  
 MO Warrenton KFAV 99.9 r, "V-100"  
 MT Livingston KYBS 97.5 k  
 NE Lincoln KFMO-FM 101.9 rp, KLMS AM  
 1480 now KFMO (AM) and simulcasting.  
 KMXA 106.3 b, s, "The New Mix 106." For "a  
 day and a half 'The Blaze' with heavy metal,  
 then b. What a surprise!"  
 NE McCook KZMC 105.3 rp  
 NE York KTMX 104.9 rm  
 NH Lisbon WLTN-FM 96.7 o  
 NM Alamogordo KZZX 105.3 k, moving from  
 105.5  
 NM Hobbs KZOR 94.1 rm  
 NM Los Lunas KZPY 106.3 kr

NY Cobleskill WSHQ 103.5 m  
 NY Dansville WACZ 93.9 m  
 NY Hudson Falls WENU 101.7 m  
 NY New Rochelle WRTN 93.5 mp, with "heavy metal" Saturday nights and Sunday mornings; also Spanish late weekend nights  
 NY Peru WXLU \*88.3 cn, \$  
 NC Clinton WMXS 107.1 sr  
 NC Goldsboro WEQR 102.3 m  
 NC Louisburg WHLQ 102.5 k  
 ND Fargo KFGO-FM 101.9 k, "New Country 102" (strict), with official ID at :55 ("Magic 102" rubbed out)  
 OH Bowling Green WRQN 93.5 o, "Oldies 93.5"  
 OH Canton WHBC-FM 94.1 o  
 OH Columbus WBNS-FM 97.1 o, "Oldies 97.1"  
 OH Geneva WDON 104.9 o  
 OH Oberlin WOBC \*91.5 rp  
 OK Oklahoma City KKNQ 92.5 m  
 OK Weatherford KWEY -FM 97.3 k, "Y-97"  
 OR Hermiston KQFM 99.3 m  
 OR Hood River KCGB 105.5 r, SMN  
 PA Danville WPGM-FM \*96.7 g, not gr  
 PA Harrisburg WIMX-FM 99.3 o, now simulcast by AM  
 PA Jersey Shore WRKK 97.7 op, no "Hot FM," now saying "Rock 97-7" with calls  
 PA Lancaster WNCE 101.3 m  
 PA Millersville WIXQ \*91.7 p, \$, but temporarily off the air due to Student Center renovations. It "was cheater" out of a large chunk of its eastern York and northern Lancaster County listenership. The station that caused this interference: WJAZ \*91.7 Summerdale/Harrisburg. I find it hard to believe WJAZ is operating with only 250 watts. Their signal is incredible! I could get them in my car as far away as Shippensburg to the west. And when WIXQ is off the air I could get them fairly strong in the parking lot of the Student Center at Millersville University. . . It seems ludicrous why someone chose to put those stations on these frequencies. . . Were these stations victims of bad frequency searches or is there something here I don't understand?" [Also mentioned: WDCV \*88.3 Carlisle being cheated out of its Harrisburg area listeners because of WVEC \*88.3 Elizabethtown.]  
 PA Renovo WMHU 93.1 r, "WKHL," but now silent.  
 PA Salladasburg WKHL-FM 95.5 (and AM 1190 in Hughesville) most recently r, and dropping "Kool Radio," but now silent. "Radio must be in a parlous state in our area."  
 PA Starview WPTF 92.7 op, ID with York-Lancaster (not with Harrisburg), "Starview 92.7"  
 SC Moncks Corner WJYQ 105.5 m, "My 105" (loses "Joy 105.5 FM")  
 SD Redfield KCKD-FM 103.7 kr, \$  
 TN Centerville WNKX-FM 96.7 k, "Kicks 96.7"  
 TN Memphis WYPL \*89.3 t, reading to the blind, fulltime, main carrier, no SCS. This station replaces WLYX which deletes. WYPL plans stereo, but it may be pseudo-stereo, since no music is broadcast.  
 TX Corpus Christi KMXR 93.9 r  
 TX Edinburg KBFM 104.1 rs, "Hot B-104" (from "B-104")  
 TX Kilgore KKTZ-FM 96.1 op  
 TX Killeen KBTS 93.3 sr, "B-93 Jamz"  
 TX Lubbock KKIK 93.7 g, LMA with noncommercial KAMY \*90.1  
 TX Mount Pleasant KPXI 100.7 k, "K-100" (from "X-101"). "Sixth format this year (AC, AOR, top 40-rock, top 40, AC, country!)" [still "Magic 105"]  
 TX Robstown KMIQ 105.1 sr, no Spanish/  
 TX San Antonio KISS-FM 99.5 and AM still o, but entering an LMA with KSMG 105.3, "Magic 105," o, Seguin-San Antonio. Look for a common positioning statement to emerge. [uses calls, "KXOX 96.7"]  
 TX Sweetwater KXOX-FM 96.7 o, SMN Kool/  
 VA Farmville WFLO-FM 95.7 m  
 VA Harrisonburg WMRA \*90.7 cj  
 VA Radford WRIQ 101.7 k, "Q-102"

VA Rural Retreat WCRR-FM 95.3 m  
 VA Suffolk WFOG 92.9 m  
 WA Everett KSER \*90.7 pt, "always stereo. . . was only mono once or twice while getting the bugs out of their new transmitter."  
 WA Seattle KNDD 107.7 rp, "107.7 The End" (strict). "Just the station Seattle's been waiting for. It's different from any other station. I'm sure glad they dropped their AC format, as there are too many in Seattle."  
 WV Milton WAEZ 106.3 o, SMN Pure  
 WI Green Bay WPNE-FM \*89.3 cj, \$  
 WGBW \*91.5 tj  
 WI Menomonie WVSS \*90.7 cj, \$  
 WI Plymouth WXER 104.5 m, "Extra EZ Rock" [98, WAQE, "no "98-Q"  
 WI Rice Lake WAQE 97.7 m, uses calls, "Great/  
 WI Watertown WJJO 94.1 rp, "New tower, Deerfield WI, basically calls itself a Madison station—ignoring Watertown."  
 WI Whitewater WSUW \*91.7 rp, \$  
 NB Moncton CJMO 103.1 r, "C-103" (crushing "Rock 103"), "an apparent effort to shake the hard rock image that has stayed with the station since it went on the air."  
 ON Windsor CKLW-FM's going to oldies (93.9) reminds one reader of the "Big 8" of "years gone by [going] back to the Motown sound when I could buy 'FM Atlas' for \$2.50."

**On Air (Selected)**

IA Mason City KCMR \*97.9, low power, covering a 16-km radius after tower fell in an ice storm Nov. 1; expects to be on normal power later in December.  
 LA Jennings KJEF-FM 92.9 C2, having moved from 92.7  
 ME Saco WHYR 95.9, given nod to build an 87-meter tower in the town of Scarborough, after which a moratorium was enacted against other tower building for the rest of the year.  
 MA Great Barrington WBBS 105.1 and AM, but cutting back due to poor economy. Both stations sign off 8 p.m. (probably with an FCC waiver) and laying off two of eight fulltime announcers; AM-FM simulcast. A financial disappointment, costing \$500,000 to build three years ago, WBBS was expected to be in the black in one year.  
 MI Bloomfield Hills WBFH \*88.1, now on with 360 h.v.; 55 m, d-a, "with decent stereo signal."  
 OR Portland KINK 101.9 told employees sale did not go through; instead, it is reorganizing to reflect operations without KGW-TV (8), sold to the Providence Journal Co.  
 TX San Angelo KCRN-FM 93.9 \$, g. "The announcement made no mention of the AM outlet that the old KTEO had."

**Off Air—Or Not Yet On**

CA Grover City KWCD 107.3. "Owners pulled the plug because the station was losing money."  
 FL Beverly Hills WPDS 97.1  
 FL Newberry WNFQ 100.5  
 GA Omega WQBX 107.5  
 IL Kankakee WTKC \*91.1  
 IN Bloomfield WBHQ 101.1  
 IN Clinton WPNL \*93.9  
 IN Ellettsville WZYG 105.1  
 IN Knox WUVX \*89.3  
 IN Salem WDHM 97.9  
 IN West Lafayette WBAA-FM 101.3  
 IN Winamac WOTD 100.1  
 LA Folsom KGZC 104.9  
 MD Cumberland W208CF \*89.5  
 MI Novi WOV1 \*89.5  
 MI Oak Park WOPR \*90.3  
 MN Grand Marais WBFX 95.3—but still planning to build. Looking for a new tower site after MN Dept. of Natural Resources turned down its bid to build near the Boundary Waters Canoe Area. Wants to reach Thuncker Bay ON.  
 MN Virginia K211AS \*90.1. "It's been off the air for a while. In the next year we hope to do something about this translator."  
 NY New York WNYU \*89.1—temporarily. Sharetime WFDU \*89.1 Teaneck NJ has not expanded its hours to fill the WNYU void.  
 OH Lorain WZNZ \*89.1  
 PA McConnellsburg WEMX 103.7  
 PA Sharpsville WAXF 95.9  
 PA Williamsport WGBE 107.9, probable eviction,

since photo store left building at same time  
 TN Manchester WFTZ 101.5 [to 94.9  
 TX Canadian KRBB 103.1, preparing to move/  
 VA Culpeper WPVB \*89.9  
 VA Hot Springs WBHA 107.1  
 VA Waynesboro WPVA \*90.1  
 WV Phillipi WOAB \*91.3  
 WV Pocatalico WTUN 98.7  
 WV White Sulphur Springs WXMD 93.3  
 WI Brillion WEZR 107.5  
 WI Brookfield WRIT 106.9  
 WI Lomira WFDL 106.7  
 WI Mayville WMVM 98.7  
 WI Mishicot WTRW-FM 94.7  
 WI New Holstein KFKQ 93.1  
 WI Tomah WBOG 96.1

**Deletions**

AL Huntsville W292CD 106.3, per station request [WLYX 100.7 Northport  
 AL Tuscaloosa W261AD 100.1, because of new/  
 AK Bethel KBTB 98.3  
 AZ Prescott K219BC \*91.7  
 AZ Scottsdale K215AL \*90.9 denied additional time to build and "failure to meet criteria"  
 AR Marianna KVNZ 106.9, an unbuilt CP  
 CA Chico K204AA \*88.7—is in Redding  
 CO Towaoc K210- \*89.9  
 GA Sparta WHAN 102.7, an unbuilt CP  
 IL Oregon WLFW 106.1, CP forfeited  
 KS Downs KWNL 94.1  
 KS Seneca K221AN 92.1, displaced  
 MD Cumberland W269AE 101.7  
 MI Hancock WTHV 98.7, CP forfeited  
 MN Peterson K257AI 99.3, displaced  
 MN Roseau KRMB 102.1, CP forfeited  
 MN Silver Bay K244AW 96.7  
 MN Winona K252AF 98.3, displaced  
 ND Wishek KMVC 100.3, CP forfeited  
 OH Chillicothe W219AJ \*91.7  
 OH Portsmouth W201AI \*88.3, displaced  
 OH Wooster W207AF \*89.3, displaced  
 OK Lahoma KGPD 95.7, an unbuilt CP  
 PA Carlisle W220AH \*91.9, displaced by WJAZ 91.7 Summerdale  
 PA Harrisburg W211AA \*90.1  
 PA Millersburg W215AA \*90.9  
 TN Memphis WLYX \*89.3—equipment given to WYPL 89.3  
 UT Richfield KYAY 97.5  
 VA Lawrenceville WHFD \*91.7. "No such station exists here. Our FM is WHFD, not WLES-FM."  
 WA Aberdeen K205AB \*88.9  
 WA McCleary K201AC \*88.1  
 WA Queets K209AC \*89.7  
 WA Raymond K209AD \*89.7—"all KAOS \*89.3 Olympia WA. Called station after not hearing Aberdeen, McCleary or Raymond on my trip. They said these were all applications that never materialized."  
 WI Sturtevant WZXA 104.7  
 PQ Kawachikamach CFNM 89.3

**FMistakes—FM Atlas-13, FMedia! Oct.**

MN La Crescent KQEG 102.7 add \$, p. 176  
 OK Henryetta KSTM 99.5's old calls were KQMJ, p. 1, col. 3 [1, col. 2  
 OR (not "OH") North Bend K299AA 107.7, p./  
 PA Susquehanna WKBG 92.5 add \$, p. 152  
 NS Halifax CIEC (not "CIEZ") 96.5, p. 2, col. 3  
 "I'll be traveling soon and send you any info I hear along the way. Love the Atlas and FMedia!"  
 "I didn't subscribe for a number of reasons. I can't afford it. . . While your eight page letter is very interesting it takes up time. I find myself so absorbed in it that the whole evening goes by while reading it and I get nothing else done. . . I still plan to buy your next FM Atlas when it comes out."

**SCServices, 67, 92, 102.271 kHz**

Symbols are as in the "FM Atlas"  
 AR Conway KMJX 105.1 no tY, 92  
 CA Pasadena KPCC \*89.3 tE, 67, RSI, Radio Sedaye Iran; Filipino 92  
 CA San Diego KSDS \*88.3 no tY, 92  
 KCBO-FM 105.3 tE, 67, Farsi (RSI)  
 CA San Francisco: "We are on SCS [KALW \*91.7], but would like to buy an FM station. What do they cost? . . . With FM stations so expensive, what about AM?" I suggested he consider running an AM station along with an existing SCS. That way, current listeners wouldn't be alienated and the SCS could fill in coverage gaps if a lower-powered AM were acquired, which might go directional or

reduce power at night. The SCS and AM could cross-promote each other.  
 DE Wilmington WJBR-FM 99.5 tE, 92, Hellenic  
 MO Kansas City KCUR \*89.3 still  
 tT, but now the Audio Reader (same  
 as on KANU \*91.5 Lawrence KS)



**HELLENIC BROADCASTING SERVICE** 24 HR. Greek Radio Station  
**Ελληνικό Δυτικό Ραδιοφωνίας**  
**Αμερικής (Ε.Δ.Ρ.Α.)**

Broadcasting Service; tX, 67 retained.  
 DC Washington WPFW \*89.3 tE, Farsi, RSI, 67 (from tX). RSI is looking into signing leases in Vancouver and New York City.  
 WETA-FM \*90.9 no tY, 92  
 FL Cocoa WLRQ-FM 99.3 no tY, 92  
 LA Baton Rouge WRKF \*89.3 no tY, 92  
 ME Portland WBLM 102.9 no SCS (had tM, R)  
 MD Baltimore WRBS 95.1 no tY, 92  
 MA Boston WBUR \*90.9 no tY, 92  
 MO Clayton KFUO-FM 99.1 no tY, 92  
 MO Kansas City KKFI \*90.1 tE, 67, Spanish with SCS to prisoners at Leavenworth Federal Prison. There, only earphone radios are allowed. "Please make us an SCA radio that the prisoners can use!" tX, 92 (Reuters).  
 MO Lebanon KIRK 103.7 tD, 57; tU, 67  
 NV Las Vegas KNPR \*89.5 no tY, 67  
 NJ Villas WLQE 98.7 tE, 92, Hellenic Broadcasting Services. "The 'FM Atlas' (my Bible) never leaves my side. It is very useful in helping find new stations for our subcarrier use."

NY New York WNCN 104.3 no tY, 92  
 NY Schenectady WMHT-FM's (89.1) 'RISE, Radio Information Service Enterprise,' on 24 hours a day, accepts a \$7500 grant from NY Telephone and a challenge of other businesses to come up with another \$7500 to buy receivers which cost \$100 each.

OH Belpre WNUS 107.1 tP, 67  
 OH Marietta WEYQ 102.1 tU, 67  
 PA Lancaster WJTL \*90.3 tC, relaying WLCH 91.3 Lancaster

TX Galveston KQQK 106.5 no tY, 67  
 VA Norfolk WHRV \*89.5 no tY, 92  
 VA Williamsburg WDCK 96.5 no tY, 67  
 WA Seattle KNHC \*89.5 tE, 67, Chinese  
 WV New Martinsville WATQ 103.9 tU, 67  
 WV Parkersburg WVPK \*90.3 no tT, 67  
 WXIL 95.1 tU, 92; WHCM 99.1 tM, 67  
 WKXX 103.1 tS, 67, occasional audio (replaces tM). "Heard one afternoon with audio of channel 15, soap operas; also on for station remotes."

WI Kaukauna WKFX 104.9 no tY, 92  
 SCMO a threat to main channel? ON Toronto CHIN-FM 100.7 denied SCMO for South Asian Radio Services, Inc. The CRTC denied the application because of possible financial impact on other licensees and independent producers of such programmes in the area.  
 Elimination of tY, above, represents the last of MultiComm's FM/SCS stations, the network being bought out by president Dr. Raymond Rask for \$12,050,000, and getting out of data broadcasting. It may re-enter broadcasting, possibly including audio delivery via SCS or ownership of stations. MultiComm was once owned by Amway and Mutual. If it enters broadcast ownership, expect it to be in medium-size markets.

"Thanks again for modifying and repairing my DX-440. It's working great."

**NonIDs In Use**

Mentioned usually without calls; "strict" if a station only uses call letters once per hour as required by the FCC (at or near top of hour)

CA Auburn KHYL 101.1 Solid Gold 101, still o  
 FL Belle Glade WBGF 93.5 B 93.5 (from "All CD 93.5")  
 FL Cocoa WLRQ 99.3 Lite Rock 99.3 FM

IA Spirit Lake KUOO 103.9 Campus Radio (for the "University" of Okoboji)  
 KS Wichita KZZD \*90.7 Z-91 (from "Z-Garn")  
 KY Fort Campbell WCVQ 107.9 Q-108 (from "CBQ-108")  
 GA Cleveland WGGG-FM 101.9 The Heat  
 ME Portland WCSO-FM 97.9 The New Ocean 98 (strict), from "Coast 98." Due to poor economy, Joseph Kelly's Atlantic Morris Broadcasting bought the AM and FM from the bank for \$1 million, which was less than half what the previous owners paid in the mid-'80s. After a rise in station sales prices for 30 years, prices, even for FM stations, are falling. Industry analysts are divided about whether prices have hit bottom, with most feeling revenues won't rebound before the last half of 1992.

ME Presque Isle WBPW 96.9 Power 96 (not "Power 97"); calls not "WDHP" as mentioned in another trade publication.

MD Middletown WAFY 103.1 Key 103  
 MN Crosby-Brandon KTCF 101.7 uses calls with "Cuyuna Country"; ID with Deerwood  
 MN Detroit Lakes KKOL 95.1 Cool 95  
 MN Rochester KRCH 101.7 Laser 101.7, but always with call letters

NE Ogallala KOGA-FM 99.7 Music 99 (from "Light Hits 99")  
 NJ New Brunswick WMGQ 98.3 Magic 98.3  
 NM Roswell KSFY 100.5 FX-100  
 NY Hampton Bays WWHB 107.1 "WNEW-FM" (from "HB-107")

NY Mount Kisco WVIP-FM 106.3 FM 106 (from "V-106")  
 NY New Rochelle WRTN 93.5 Return Radio  
 NY Ravena WRAV 94.5 Mix 94.5, on 24 hours  
 OH Celina WCSM-FM 96.7 Mix 96.7  
 PA Allentown WAEB-FM 104.1 B-104 ("very strict"), from "Laser 104"

PA Pittsburgh WVTY 96.1 Variety 96  
 TN Carthage WUCZ 103.2 Z-102.3  
 TX Odessa KODM 97.9 Star 98  
 TX Victoria KTXN 98.7 K-Texan (not "K-Texas") [97-FM"]  
 TX Waco KWTX-FM 97.5 is 97.5 (from "All Hits/  
 VA Charlottesville WQWZ 95.1 Easy 95  
 WV Elkins WELK 94.7 K-95, having moved from 95.3 [not "Classic Hits 96"]

WI Milwaukee WKLH 96.5 uses calls/  
 AB Edmonton CKNG 92.5 Power 92 (from "King FM") ["Stereo 104.5"]  
 ON Cornwall CFLG 104.5 Easy 104.5 (from "PQ Mirabel CJLA 104.9 Radio Fusion  
 SK Swift Current CIMG 94.1 94-FM (from "Magic 94")

**Multi-City IDs in Use**

FL Bradenton-Sarasota WJIS \*88.1 adds Fort Myers-"Tampa Bay"  
 IN Fort Branch WBGW 101.5 with Evansville  
 KY Eminence WXLN-FM 105.7 with Louisville  
 KY Glasgow WWW/Q 105.3 with Bowling Green  
 MI Lexington WBTI 96.9 with Sarnia (ON)-Port Huron  
 MI St. Ignace WMKC 102.9 with Petoskey-Charlevoix, "KC Country," programmed with WCKC 107.1 Cadillac [Albert Lea  
 MN Austin KAUS-FM 99.9 no longer with/  
 MO Kirksville KLT'E 107.9 with Centerville (IA)-Macon  
 MO Montgomery City KMCR 103.9 with Herman (programmed with KLR 104.3 Vandalia)  
 OH Harrison WNLT 104.3 with Cincinnati  
 TN East Ridge WJRX 107.9 with Chattanooga  
 TX Denton KNTU \*88.1 with Dallas-Fort Worth  
 TX Hearne KHRN 94.3 with Bryan-College Station, still "K-94"  
 TX Palestine KLIS 96.7 with Jacksonville  
 TX Pleasanton KBOP-FM 98.3 with San Antonio

**AM Happenings Most Likely Caused by FM**

In a last-ditch effort to save the faltering AM service, the FCC expanded the band from 1610 to 1705 kHz, creating 10 new channels. The new frequencies are reserved for existing stations willing to move to the new channels to relieve

interference, with five years dual operation on the new and old channels allowed, with possible extension. The FCC is encouraging the buying of "interference rights," whereby a station receiving or causing interference is taken off the air. Rather than expanding the band, the FCC had the opportunity a few years ago to give the U.S. nine kHz spacing, which would have opened at least ten new channels, without having to expand the band. Most of the rest of the world is on 9 kHz station spacing. Words like "moribund industry" and "anachronistic" have been used to describe AM's recent plight. This move is clearly a desperate attempt by the FCC to help the ailing medium. FCC Chairman Alfred C. Sikes called AM radio "very, very sick." More than half of all AM stations are losing money, according to the NAB, with the median loss \$11,000/year, and the FCC said 197 AM stations are silent, "generally because they were unprofitable, and the owners could not attract buyers for their licenses." Preference in the new stations will go to those proposing AM stereo, and spacings will be such that there will be less interference among stations. Travelers Information Stations (TIS) would be allowed to migrate to any assignable frequency in the band, not just 530 and 1610 kHz. "The new rules should go a long way towards restoring the economic health of many AM stations," said FCC Commissioner Andrew C. Barrett. An anonymous reader: "Hah! Heh! Heh!" FCC Commissioner Ervin S. Dugan generally supported the AM band expansion, but would like 10% or one channel open for new entrants to promote diversity in media ownership. AL Enterprise WLHQ 600 silent, returning license to FCC

AR Camden KJWH 1450 silent  
 FL Avon WAPR 1390 silent  
 FL Bushnell WKFL 1170 silent  
 FL Eustis WKIQ 1240 silent  
 GA Brunswick WPIQ 790 silent  
 GA Gainesville WLBA 1130 silent  
 LA Bastrop KMYQ 1340 silent  
 LA Monroe KLIC 1230 silent  
 MA Beverly WNSH 1570 silent  
 MA Boston WEEI AM 590 and WFXT (TV-25) up for sale by Boston Celtics owner Alan Cohen. WEEI has dropped in ratings from ninth place to a tie for 13th, 12+ audience. Celtics have had a tough time with talk host Andy Moes and another high-priced personality, Eddie Andelman, each getting about \$500,000 a year. Recent local newspaper headline: "WEEI Fights For Life."  
 MA Holyoke WREB 930 silent  
 MS Jackson WOKJ 1550—FCC revoked license and ordered David R. Price to pay a \$20,000 fine for tower lights being off for five months in 1990—a reduction in fine from \$250,000, which the FCC called "overkill," with the lower fine plus loss of his license considered "sufficient penalty."  
 NM Socorro KSRC 1290 silent  
 NC Charlotte WCNT 1480 silent  
 OH Charlton WCDN 1560 rumored to be going out of business. "It could go silent or become a clone of WDON 104.9 Geneva OH... AM radio continues to decline in the Midwest. The loss of WCDN would leave Painesville with only one radio station, WBKC 1460 (although we are still well serviced by FM from nearby counties). WBKC no longer stays on all night, so there is no local radio at all here sometimes."  
 PA Farrell WRQQ 1470 silent  
 PA South Williamsport WFXX 1450 "operating intermittently—tonight has dead carrier only"  
 PA Windber (Johnstown) WBEM 1350 silent  
 SC Hemingway WKYB 1000 silent  
 TN Gallatin WAMG 1130 silent  
 TN Lebanon WCOR 900 silent  
 TN Maryville WCGM 1120 silent  
 TX Dallas KCMZ with nostalgia, takes over from the defunct all-business KDBN 1480. "Music mix is good, but their signal is weak and the announcers have an annoying habit of talking over the music and cutting some selections short. You get tired of hearing '1480 Memories, KCMZ' over just about every song [but] it's a step in the right direction." On FM a mysterious "KNDO 95.9" with stereo, and "Condor Radio" nonID. "A good signal on my stereo, but barely audible on the car radio only six meters away... Pirate, low power, or stray

station?" [Possible cable radiation—b.e.]  
 VA Lynchburg WWOD 1390 silent  
 WA Seattle KRPM 770 simulcasting KRPM-FM 106.1 Tacoma. Formerly KXA.  
 KJR 950 drops AM stereo, now all sports.  
 KMPS 1300 drops AM stereo. Was KOL. "There go two historic three-letter calls in Seattle." Most Vancouver BCAMs are AM stereo except for CBU 690.  
 WA Everett KMYZ 1230, in debt to creditors and IRS, for over \$200,000, is staying on the air, thanks to employees willing to work without pay. Manager Jim Carnahan says he hopes to start paying employees soon. "This station will either get its head above water, or we'll sink with it," said PD Athan James.  
 WV Fairmont WMMN 920 off the air after 63 years, idling eight staffers. "No explanation was given. It was a real shock to all of us." Owners not available for comment.  
 BC Vancouver CIMA 1040 bought by Western World Corp., which will close CKST 800 Langley BC and move equipment to Vancouver. CIMA was "finally having a bit of success with its 'Music of Your Life' format. . . The CRTC has called for applicants for the 96.1C frequency in Vancouver, vacated by the now-defunct CKO radio network. . . Keep up the good work!"

**FM Rulemakings Proposed**

First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed

AL Bay Minette 105.5C3 for A, WMMV  
 AL Butler 107.7A or 93.5C2 from 93.5A  
 AL Evergreen 93.3C1 for C2, WJK  
 AZ Safford 94.1C for C1, KXXQ, Dec. 19, Jan. 6  
 CA Felton 93.7A, Dec. 23, Jan. 7  
 CA Fort Bragg 98.5B1 for 98.5A, KSAY, Dec. 23, Jan. 7 [replies Dec. 10]  
 CA Independence 92.5B from 106.3A, KDAY/  
 CO Fountain 96.1C from A, Dec. 16, 31  
 FL Port St. Joe 93.5C2 for C3, WMTO, Dec. 30, Jan. 14 [Jan. 14]  
 GA Blakely 93.1C3 for A, WDKZ, Dec. 30/  
 GA Brunswick Robert L. Yontz asks for 104.1A, Dec. 30, Jan. 14 [Jan. 6, 21]  
 GA Leesburg 103.5C3 for 103.7A, WEGC/  
 GA Unadilla 99.9A for 103.5A, Jan. 6, 21  
 HI Honolulu KA1M 93.9C from C1 replies Dec. 10 [replies Dec. 6]  
 IN Brownstown 102.9A by William C. Pot/  
 IN Cannellton 102.9C3 for A, WKCF, etc., opposed to by Brownstown  
 IN Edinburg 102.9A by Mary L. Rothrock, mutually exclusive with Brownstown but with Cannellton  
 IN Logansport WKMD 94.3 show cause why its channel shouldn't be changed to 94.1A  
 KS Belle Plaine 92.7C3, replies Dec. 10  
 KS Minneapolis 92.7C2 from A, KILS, replies Dec. 10  
 KY Beaver Dam 100.7A for 102.7A, WVPV  
 KY Horse Cave 106.7A for 100.7A, WLMK, with Beaver Dam, Cannellton and Edinburg  
 KY Campbellsville 104.1C3 for A, WCKQ  
 KY Munfordville 106.7A for 102.3A, WLOC-FM  
 LA Newellton 97.1A counterproposal  
 MI Muskegon Heights 101.7B1 for A, WQWQ-FM, Jan. 6, 21 [30, Jan. 14]  
 MN Marshall 107.5C3 for 107.1A, KBJJ, Dec./  
 MN Perham 99.5A, the Brushes and Amy Rutledge, Dec. 30, Jan. 14  
 MS Bay Springs 94.3A from 93.5A  
 MSCoffeeville 101.7A counterproposal  
 MS Ellisville 94.3C2 for 102.5C2, WJKX, with Butler AL [counterproposal]  
 MS Flora 97.3C3 from 97.5A, WXFJ/  
 MS Oxford 93.7C3 for A, WKLLJ, replies Dec. 9  
 MSWaynesboro 93.3A from 105.5A, WABO-FM, with Butler AL [counterproposal]  
 MO Ashland 106.1C1 for C2, KYUA/  
 MO Marble Hill 106.3 counterproposal  
 MO Monroe City 107.5A or 106.1C1 for 106.3A counterproposals, KDAM [Dec. 9]  
 MO Piedmont 104.9C3 for A, KPWB-FM, replies/  
 NM Belen 105.5—move from Grants, Jan. 6, 21  
 NM Corrales 95.1C1 for A because no local site found where antenna could be over 8 meters tall, Dec. 30, Jan. 14, with a site 24.5 km SW (to serve Albuquerque) [Dec. 16, 31]  
 NM Lovington 101.7C3 for A, KLEA-FM/  
 NY Lake George 98.5A, Dec. 2, 17  
 SC Columbia 106.7C from Orangeburg, counterproposal ["show cause/why not?"]  
 TN Carthage 104.1A for 102.3A, WUCZ/

TN Lafayette 102.3A for 104.1A (new CP) with Campbellsville KY, Carthage and Munfordville KY, replies Dec. 6  
 TN Selmer 100.7C3 from 105.5A, WXOQ counterproposal  
 TX Belton 106.3C3 for A, replies Dec. 9  
 TX Benavides 107.7C2 counterproposal  
 TX Big Spring 95.7A from 95.3A, "show cause/why not?"  
 TX Bishop 107.7C3 from 107.1A, KFLZ  
 TX Bloomington 106.9C3 for A, with Markham  
 TX Bryan KBMA 92.1A from 99.5A with Huntsville  
 TX Dimmitt show cause why KDUI should not be changed from 95.9C3 to 100.5C3  
 TX Franlin 101.9C3 for A, KPXQ, replies Dec. 9  
 TX George West 100.9A from 104.1A with Victoria [counterproposal]  
 TX Huntsville 99.5C2 from 99.7A, KCEY/  
 TX Kenedy 104.1A for 92.1A with Victoria  
 TX Markham 107.7A counterproposal  
 TX Midland 95.1C3 from A, KQRX, Dec. 20, Jan. 6 [counterproposal]  
 TX San Pedro 106.9A/ [sal, KRTS]  
 TX Seabrook 92.1C1 from C2 counterpropo-/  
 TX Three Rivers 94.5C2 counterproposal  
 TX Trinity 98.1A, Roy E. Henderson, replies Dec. 6 [counterproposal]  
 TX Victoria 92.1C3 from 92.3A, KAMV/  
 VA Clarksville 98.3C3 for A, WLCC, Jan. 6, 21  
 WA Eatonville 104.9 counterproposal  
 WI Three Lakes 93.7C2, Three Lakes Broadcasting, who think is really Morgan Marti, Jr., former owner of WQXO 98.3 Munising MI, Dec. 30, Jan. 14  
 WI Valders 96.3A counterproposal  
 VI Christiansted 94.3B from A, Dec. 2, 17

**FM Rulemakings Finalized**

Dates are when FCC filing windows are open  
 AZ Wickenburg 93.7A, until Dec. 19  
 AR Bentonville 98.3C3 for A, KOLZ, which also owns KKEG 92.1C3 Fayetteville AR; however, their 70 dBu contours can't overlap  
 CA Baker 94.9B1, until Dec. 26  
 CA El Rio 103.7A, until Dec. 16, denying Eric R. Hilding's bid to add 103.7A to Ojai  
 CA Fort Bragg 96.7B from A, KLLK-FM  
 CA Fortuna 100.3C2 from Rohnerville 100.5A, KQEX  
 CA Lenwood 96.9A, until Dec. 19  
 CA Middletown 98.7A, until Dec. 26  
 CA Needles 97.9C1 for C2, KWAZ  
 CA Orland 106.7B1 from 106.5A, KXHM  
 CA Yreka 103.9C1 from 97.7C2, KYRE  
 FL Macclenny 92.1C3 for A, WJXR  
 FL Miami Beach 93.9C from C1, WLVE  
 FL Miramar Beach 106.3A, until Dec. 26  
 FL Williston 101.3A for 92.1A, WFEZ  
 GA Bostwick 92.3A, until Dec. 26  
 GA Metter 103.7A for 104.9A, WHCG  
 GA Milan 104.9C2 for A, WMCG  
 GA Statesville 96.9A, until Dec. 26  
 GA Swainsboro 100.5A for 103.9A, WXRS-FM  
 GA Unadilla dismissed Rowland Albany Radio's bid for 99.9A instead of 103.5A  
 GA Wrens 96.9C3 for 96.7A, WAKB  
 ID Wallace 97.5C2 for C  
 IA Manchester 94.7C3 from A, KMCH  
 KS Medicine Lodge 101.7C2 for 95.9A, KREJ  
 KS Rozel 98.7C1 for A, KGZE  
 KY Liberty 98.7C3 for A, WKDC-FM  
 LA New Iberia 93.7C1 for C2, KKZN  
 LA Tallulah 104.5C3 for A, KBYO-FM  
 LA Ville Platte 92.5A for 93.5A, KVPI-FM  
 MD Mountain Lake Park 95.7A for 98.9A, WKHJ  
 MD Westernport 104.5A for 92.7A, WWPN  
 MI Manistee 101.5A for 107.9A  
 MI Muskegon 107.9B1 for A, WMHG  
 MN Brainerd 103.5A, Dec. 17-Jan. 16  
 MN Crosby KTCF 101.5C3 from 101.7A  
 MN La Crescent 92.7C3 from A, KQEG  
 MN Pipestone 98.7C from C1, KISD  
 MS Cleveland 98.3C3, until Dec. 19  
 MS Collins 107.1A for 101.7A  
 MS Gluckstadt 101.7C3 for A, WLIN  
 MS Lexington 105.9C2 Pickens from Lexington, C3, WLTD [land, WZRI]  
 MS Rosedale 107.5C3 for 106.9A Cleve-/  
 MS Sumrall 97.3A, until Dec. 16  
 NE Nebraska City 97.7C1 from C2, KNCY-FM  
 NE Superior 103.9C3 for A, KRFS-FM  
 NY Olean 101.5A from 100.9A, WMXO  
 NC Beech Mountain 102.3A, until Dec. 26  
 NC Ocracoke 92.9A, Dec. 13-Jan. 13  
 OH West Liberty 104.3A, Dec. 16-Jan. 15  
 PA Clarendon 106.9A, Dec. 13-Jan. 13  
 PA North East 100.9B1 for A, WRKT  
 SD Sioux Falls 94.5A from 100.1 (not moving to 98.3A), KCFS

SD Vermillion 106.3C2 for A, KVHT  
 TN Atwood (from Huntingdon) 93.7A, WTKB  
 TN Crossville 102.5C3 for 102.5A, WEGE  
 TN Millington 98.1C (from Osceola AR), KPYR  
 TN Tusculum 103.1A, Dec. 24-Jan. 23  
 TX Beaville 105.7C3 for 104.9A, KIBL-FM  
 TX Coahoma 94.3A, Dec. 16-Jan. 15  
 TX Greenville KIKT 93.5C2 for A  
 TX Jasper 107.3A until Dec. 26  
 WA Camas 94.7C3 for A, KMUZ  
 WA Cashmere 106.7A for 101.1A, KZPH  
 WA East Wenatchee 101.1A for 97.7A, KYSN  
 WA Othello 97.5C1 for C3, KZLN  
 WA Royal City 96.3C3, Dec. 16-Jan. 15  
 WV Elkins 98.9B1 from 99.3A, WDNE-FM  
 WI Clintonville 92.3C3 for 92.1A, WJMQ  
 WI New Holstein 92.9A for 93.1A, KFKQ  
 WI Wautoma 93.1A for 92.3A

**Time Brokerage Limits Urged**

Limits on time brokerages among radio as well as TV stations were introduced into Congress by Reps. John Dingell (D-MI) and Ed Markey (D-MA). The bill would require the FCC to begin a rule-making to develop regulations to govern "bulk time sale" agreements, and would require: \*Bulk time sale agreements be filed at the FCC and be available for public inspection; \*Authorize a licensee to discontinue such an agreement whenever it concludes the pact is no longer in the public interest; \*Allow the licensee freedom to preempt such programming whenever it decides such would serve the public interest; \*Forbid bulk time sales with anyone not qualified to be an FCC licensee; \*Limit the amount of time sold to any one programmer to 10 percent; \*Limit the amount of time a station can sell to 25 percent of its operating hours; \*Not allow a bulk time sale agreement with anyone to whom it is seeking to sell the station.

Only when a bulk time sale agreement might allow a failing station to stay on the air does the legislation allow for exceeding the limits established by the bill. In order to grant such permission, the FCC must: \*Show that without such authority the station could no longer broadcast; \*Give the public an opportunity to comment on the effect that such permission could have in the local market; \*Notify the licensee that it will not automatically be entitled to renewal expectancy; \*Provide for periodic review of the FCC decision to allow limits to be exceeded; \*Provide incentives for any licensee receiving permission to resume full service to its community of license.

The NAB expressed concern about harm to broadcasters' competitiveness, saying the bill appears to "kill" rather than "define" time brokerage agreements.

**Small-Print Happenings and FM Industry News**

The Canadians have continued to test out-of-band DAB systems, this time in the proposed 1500 mhz L band. Preliminary results are that coverage for the same power was equivalent to regular FM. Testing was done around Ottawa and Montreal. Early results show that foliage doesn't attenuate L-band signals as much as had been thought, but is skeptical of any study showing coverage equivalent to FMs at a much higher frequency, albeit with a different modulation scheme.

Being fined: KCNA 102.7 Cave Junction OR \$4,000 for indecent programming, WKTC 96.9 and AM Goldsboro NC \$7,000 for EEO violations; KHLT 94.1 and AM Little Rock \$8,000 for EEO sanctions. Being sued: WHFS 99.1 Annapolis for over \$3 million by former national sales manager Patti Ebbert, saying the station billed advertisers for spots that didn't run while falsifying the station logs and using on air "plugola" for items announcers have an interest in. Attorney Mark Tone denied all the charges and added: "We categorically deny that any of it, even if true, had anything to do with her dismissal."

An LMA cancelled: WKLS 96.1 Atlanta and WALR 104.7 Athens GA after only three months. WALR and WCNN AM found no billings improvement in that time. Not moving to that market: Tom Gammon's WHMA-FM 100.5 Aniston AL to stay there. One reason: interference in the area between WHMA-FM and WUSY 100.7 Cleveland TN would be too great from a site near Atlanta, the FCC decreed.

A rare public criticism of an FM station by an ad agency figure came against KBEQ 104.3 Kansas City by Tracy Thomas, who found fault with the station's playing 45 minutes of "commercial free" music and then jamming all the spots into the final 15 minutes for a "commercial ghetto." She said the practice encourages tuning out during commercials, and thinks advertisers deserve on-air respect, not scorn.

From the classifieds: Program manager for gospel formatted station. Tape and resume to Paul Hollinger, WBYN (107.5), Box 3022, Lancaster PA 17604, EOE.

FM CPs wanted—will consider dark/bankruptcy. E. Polleek, 1st Broadcasting, Box 691, Wilmette IL 60091; (301) 263-6868.

Want to buy Realistic STA-2100D FM-AM tuner, L. VanLuyen, WGMC, 60 Rochelle St., Rochester NY 14612.

FM FORUM

CONTRIBUTIONS FROM READERS

Continuing with "Doc" Searls' reportage of Hawaiian transmitter sites: "You'll see that KKUA [90.7 Wailuku] has the highest height above average terrain in all your listings—1687 meters or 5535 feet. The mountain is over 10,000 feet high. So here is, by FCC measures, the highest transmitter in the entire country, and yet it is hammocked between and below the peaks that are only a few feet away. Needless to say, those peaks cast big shadows. True, KKUA's antenna has line-of-sight to most of Maui's populated regions, and in the other direction it faces the entire northwest side of the Big Island. But the shadows fall across two of the island's coasts, including the famous 'road to Hana'. . . My guess is that there are restrictions (by the observatory, I suppose) against raising a sizable tower anywhere on the site. . . On the west side of the island where we stayed, KKUA's sister from Honolulu (which it repeats), KHPR, came in much better. In fact, so did all of the Honolulu stations. An interesting item for your map is that KPOA, Lahaina's Class A on 93.5, appears to transmit its 160-watt signal from atop another island: Lanai. I determined this by listening and looking at where the station's STL pointed. I found KPOA to be an excellent station as well, playing nothing but authentic Hawaiian music, all

day long. Apparently they can make this succeed commercially, which I think is terrific.

"Closer to home, I cannot let the [temporary] demise of KPIG [107.5 Freedom CA] pass without notice. 'The Pig' was the most recent incarnation of Gilroy/San Joe/Santa Cruz's KFAT (which is now strictly 'The Fox'—KUFX), a legend with a substantial cult following. KFAT had passed into history before I arrived, but KPIG was one terrific station while it lasted. It had a real personality, unplasticized by the tyranny of consultation." [That station has just returned to its KPIG call letters after a fling as KHTX, and presumably reclaimed its former lifestyle—b.e.] Searls continues: "Speaking of life signs, I detect a strong pulse at KVVN (99.3) in Napa, at the south end of the wine country. With it, you get the feeling that you're listening to somebody's record collection, rather than a strict format of some kind. Ben Fong-Torres, the veteran radio critic, wrote about it in the San Francisco Sunday paper a few weeks back. By the way, it non-strictly calls itself 'Vine' or 'The Vine' as well as its actual call letters. Not 'K-99' as the Atlas says.

"The Hawaiian trip actually started in Hong Kong, with a brief stop-over in Japan. The most interesting thing I heard was a new Japanese station called 'J-Wave', with mostly American pop music, some new age jazz and a presentation that is completely bilingual, alternating between English and Japanese. It was my first and last chance to use my tiny Sony digital all-band radio. Among other things, it covers the Japanese FM band, which is below the FM band used by the rest of the world, approximately where VHF TV channels 5 and 6 are found in the U.S." He's now moved to a location high above the Bay area where stations come in on every FM channel, but yet far enough away that there is no local station overload. He's looking for recommendations for the most directional FM antenna available, including sturdiness to withstand the high winds there. "FMedia! continues to look terrific, and I have about worn out both my *FM Atlases* already," he writes.

With a new FM Atlas at the printer's in Benton Harbor MI, this issue presents all the news up to the publication deadline—Nov. 22, 1991. Using small type, about eight weeks' of station news has been crowded into this issue, with the next FMedia! slated to come out in late December or early January. A Canadian reader kindly sent an official listing of the on-air facilities and call letters of stations there, and careful checking of that information with what was already on hand, resulted in many updates and revisions—all shown in this issue and all making the

new "FM Atlas."

Late word from the "M Street Journal": A new network is North East Satellite Entertainment, an all-night service targeting stations from OH to New England, with "rm" type music, talk features, farm news and commercials. It also plans live remotes. Some charter affiliates: WTOJ 103.1 Carthage, WFLR-FM 95.9 Dundee, WENY-FM 92.7 Elmira, WKPO 105.3 Hornell and WKGW 104.3 Utica, all NY; WZWW 95.3 Bellefonte, WDSN 99.5 Reynoldsville and WGBI-FM 101.3 Scranton PA.

Two Las Vegas stations have agreed to advertise on each other's facilities—a rarity among separately-owned stations. KEYV 93.1 is running spots for college and pro football games on KENO AM, with KENO carrying spots for KEYV during the games. Said a KENO official: "What we're doing is against all traditional logic. Radio stations just don't advertise with each other." "Just because KEYV listeners tune into a football game on KENO doesn't mean they're suddenly going to become a fan of oldies. All we [at KEYV] want is for them to listen to a football game for two hours. When the game's done, they're most likely going to switch back to KEYV."

Writes an engineer in IN: "Something you might do with your readership is to survey them for their wants for a digital audio broadcasting system. I'm sure you have some idea of the broadcaster issues involved and how strongly they are trying to push the design of the system in their favor. Just how important is local news and information to the typical listener? Would 100 channels of different kinds of music with little talk, for example, be useful?" [In Japan, a cable system is offering 100 channels of music and even background sounds so you can call home and have "alibi" ambiance playing to fool a wife, for example; this may expand to 1000 channels if the public wants it, but it's strictly cable—b.e.]

"What is lacking is a spokesman for the end user. The broadcasters know very well how to influence the FCC, but theirs is a very parochial viewpoint. What does the ultimate customer want? . . . Some of the broadcasters are behaving like a group of candle manufacturers banding together to sue and restrain Thomas Edison from developing the light bulb. DAB, of course, represents a threat to their business, and many of them would like to see it go away. The customers, I suspect, merely want better reception and more choices of programming. The technical problems are relatively simple. It's the 'political' issues that are tough. . . Yours is a radio-oriented readership, and I'd like to hear what their ideas are like."

Until about 30 days from now,

*Ben F. Fong-Torres*